

A background collage consisting of several architectural blueprints, a large water splash on the left, and two doors (blue and brown) on the right.

TECHNICAL DOOR CATALOGUE **2021**

Valid from 15.06.2021



What should we pay attention for in case of investments orders e.g. hospitals, schools, offices, clinics etc.?

1. DOOR LEAF TYPE

It is recommended to offer flat door leaves made of chipboard structure e.g. DECO, DECO INVEST, IMPULS, INTER-AMBER, CAMBIO etc

2. THE RIGHT CHOICE OF MECHANICAL DOOR CLASS

At least 2 mechanical class acc. to PN-EN 1192:2001. It is recommended to offer interior door in mechanical class 3. Special strengthened structure; hinges type C, type K or triple hinges type T, lock LOB with stainless steel front plate

3. FULFILLMENT REQUIREMENTS OF THE CLEAR OPENING

In case of door opening for an angle of 90 degrees should be offered width „90 Plus”. The width of the door „90 plus” allows you to obtain a passage width of min. 900 mm when the leaf is opened by 90 degrees

4. APPROPRIATE HINGES

It is recommended to offer hinges:
- type T to steel door frame and DIN
- type C to wooden door frame and type K to door frame DIN

5. APPROPRIATE DOOR FRAME

It is recommended to offer first of all steel door frames; door frames DIN; wooden (fixed and adjustable). We do not offer to public utility fixed MDF door frame. Please remember, that using LD6 strip in case of fixed door frame and maximum opening of the door leaf could cause breaking out hinges from the door leaf

6. APPROPRIATE SURFACE OF DOOR LEAVES AND FRAMES

It is recommended to offer minimum LAMISTONE surfaces. Recommended surfaces: CPL, HPL. However, if the customer chooses surfaces: ECO TOP, HIGH TOP, please suggest panels of stainless metal sheet on the height of the handle and on the bottom of the door leaf. Stainless steel edge guards.

7. FOR SAUNAS, POOLS AND OTHER ROOMS

with high humidity please offer HIGRO door. The door is designed for rooms where permissible relative humidity of air is up to 90% and temperature does not exceed 65°C. The door cannot be directly exposed to water.

8. FOR HOSPITALS, SCHOOLS

Please offer DECO INVEST door and door leaf on the metal door frame and panels and covers made of stainless steel. ABS edging 0.8 mm thick available (for non-rebated door system)

9. AUTOMATIC DOOR CLOSER

The right door closer for the door type must be used. Apply reinforcement for the door closer. The minimum width of the door leaf in which the door closer may be used is „40”. Door leaves which are filled with solid chipboard do not require reinforcement under the door closer. In the case of door leaves with a metal frame and door closer, the following hinges are used: T-type three-piece hinges in the quantity of 3 to width „60”, „80” and 4 pcs to width „90”, „120”. The RKZ system is recommended for double-leaf doors.

10. IN-FILL OF THE DOOR LEAF

The in-fill of perforated chipboard is recommended. Optionally solid chipboard.

11. STOWAGE DOORS

It is recommended to use fire doors EI30 Plus, EI60 Plus on a fixed wooden frame with possible door panels classified as fire resistant. The door is equipped with a mortise lock with a hole for an insert without a handle. In the case of doors to shafts where there is a temperature difference between the two rooms, it is recommended to use ventilation grilles as an option for ventilation



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Offers of **interior door, exterior doors and windows** are available in separate publications.

STANDARD PARAMETERS OF POL-SKONE DOORS

MECHANICAL CLASS	ANTI-BURGLARY PROTECTION			FIRE RESISTANCE		SMOKE PROTECTION		ACOUSTIC INSULATION				SPECIALIZED
 class 2  class 3  class 4	 class RC2	 class RC3	 class RC4	 EI30	 EI60	 Sa, Sm	27 dB	32 dB	37 dB	42 dB	climate class 3	X-RAY

INTERIOR

PANEL DOOR	●	●	○	○	○	○	○	○	○	○	○	○
FRAME AND PANEL DOOR	●	○	○	○	○	○	○	○	○	○	○	○
DECO INVEST SINGLE LEAF	○	●	○	○	○	○	○	○	○	○	○	○
DECO INVEST DOUBLE LEAF	●	○	○	○	○	○	○	○	○	○	○	○

ENTRANCE DOOR

HARMONY INVEST	○	●	○	○	○	○	○	○	○	○	●	○
B-30	○	○	●	○	●	○	●	●	○	○	●	○
C-30	○	○	●	○	●	○	●	●	○	○	●	○
CERBER PLUS RC2	○	●	○	●	○	○	○	○	○	●	○	○
RC3, RC3 INVEST	○	○	●	○	●	○	○	○	○	●	○	○
RC4	○	○	●	○	●	○	○	○	○	●	○	○
RC4 EI30	○	○	●	○	○	●	●	●	○	○	●	○
CERBER PLUS	○	●	○	○	○	○	○	○	●	○	●	○

TECHNICAL DOORS

G46	●	○	○	○	○	○	○	○	○	○	○	○
FR EI30	○	●	○	○	○	○	●	○	○	●	○	○
FR EI30 SR	○	●	○	○	○	○	●	○	○	○	●	○
FR EI30 SR 42 dB	○	●	○	○	○	○	●	○	○	○	●	○
FR EI30 SR 42 dB DM	○	●	○	○	○	○	●	○	●	○	●	○
EI30 PLUS	○	●	○	○	○	○	●	○	●	●	○	○
EI60 PLUS	○	●	○	○	○	○	○	●	●	●	○	○
SR 37 dB	○	○	●	○	○	○	○	○	○	○	●	○
TYP A	●	○	○	○	○	○	○	○	●	○	○	○
TYP B	●	○	○	○	○	○	○	○	○	●	●	○
TYP A DUO	●	○	○	○	○	○	○	○	●	○	○	○
TYP B DUO	●	○	○	○	○	○	○	○	○	●	●	○
HIGRO	●	○	○	○	○	○	○	○	○	○	○	●
GAMMA	○	●	○	○	○	○	○	○	○	●	○	●

● available

○ unavailable

◐ optional

SUMMARY OF THE POL-SKONE ACOUSTIC DOORS

Door type	Rw test result	class RW	RA1 [dB]	RA2 [dB]	class D1	class D2
HARMONY INVEST	38 (-1;-2)	37	37	36	35	30
FR EI30 SR42, FR EI30 SR42 DM	43 (-1;-4)	42	42	39	40	35
RC3 wooden frame, drop down seal	33 (-1;-1)	32	32	32	30	30
RC4, RC4 EI30	37 (0; -1)	37	37	36	35	30
B-30, C-30, SR37	38 (0; -1)	37	38	37	35	35
RC3 wooden frame, steel threshold	35 (-1; -1)	32	34	34	30	30
RC3, RC3 INVEST	33 (-1; -1)	32	32	32	30	30
Cerber Plus, Cerber Plus RC2 perforated chipboard, wooden frame, drop down seal	30 (0;0)	27	30	30	25	25
Cerber Plus, Cerber Plus RC2 solid chipboard, wooden frame, drop down seal	31 (0;-1)	27	31	30	25	25
Cerber Plus, Cerber Plus RC2 solid chipboard, metal frame, drop down seal	31 (-1; -1)	27	30	30	25	25
Cerber Plus, Cerber Plus RC2 in-fill POL-SKONE, wooden frame, drop down seal	37 (-2; -3)	37	35	34	30	30
Cerber Plus, Cerber Plus RC2 in-fill POL-SKONE, wooden frame, threshold	40 (-1; -4)	37	39	36	35	30
Cerber Plus, Cerber Plus RC2 in-fill POL-SKONE, metal frame, drop down seal	37 (-1; -3)	37	36	34	30	30

SUMMARY OF THE POL-SKONE ACOUSTIC DOORS ACC. TO THE PN-B-02151-3:2015 STANDARD

Building type	Example application	Requirements	Example door names
multi-family buildings	dwelling doors	$R_{a1R} \geq 30 \text{ dB}$	B-30, C-30, RC3, SR37, Cerber Plus SR37, Cerber Plus RC2 SR37, RC4, RC4 EI30, RC3 INVEST
higher category hotels	door between the hotel room and the main communication area (corridors, halls, staircases)	$R_{a1R} \geq 35 \text{ dB}$	EI30 system Pol-Skone SR42, Type B DUO, Harmony Invest
lower category hotels	tourist hotels, guesthouse, holiday houses	$R_{a1R} \geq 30 \text{ dB}$	EI30 system Pol-Skone, EI30 system Pol-Skone SR42, EI30 Plus, EI60 Plus, Typ B, Typ B DUO, Harmony Invest
residential buildings collective	student houses, boarding schools and dormitories, labourer hotels, orphanages	$R_{a1R} \geq 30 \text{ dB}$	B-30, C-30, RC3, SR37, Cerber Plus SR37, Cerber Plus RC2 SR37, RC4, RC4 EI30, RC3 INVEST, Harmony Invest
hospitals	doctors offices	$R_{a1R} \geq 35 \text{ dB}$	EI30 system Pol-Skone SR42, Typ B DUO, Harmony Invest
	rooms of doctors and nurses	$R_{a1R} \geq 30 \text{ dB}$	EI30 system Pol-Skone, EI30 system Pol-Skone SR42, EI30 Plus, EI60 Plus, Typ B, Typ B DUO, Harmony Invest

SUMMARY OF THE POL-SKONE ANTI-BURGLARY DOORS

Building Type	Burglary resistance	Door name
multi-family buildings – dwelling doors	class RC4 (acc. to PN-EN 1627:2012)	RC4, RC4 EI30
	class RC2 (acc. to PN-EN 1627:2012)	Cerber Plus RC2
	class RC3 (acc. to PN-EN 1627:2012)	B-30, C-30, RC3, RC3 INVEST
	class C (acc. to PN-B-92270:1990)	C-30, RC4, RC4 EI30

SYMBOLS AND THEIR MEANING

STRUCTURE

POL-SKONE door leaves are manufactured based on different structures and in-fills in order to satisfy even the most demanding Customers and their needs..



DOOR LEAF STRUCTURE
Wooden rail and stile set,
honeycomb-like in-fill



DOOR LEAF STRUCTURE
wooden rail and stile set,
perforated chipboard in-fill



DOOR LEAF STRUCTURE
wooden rail and stile set,
solid chipboard in-fill

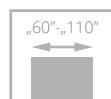


DOOR LEAF STRUCTURE
special POL-SKONE
structure

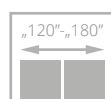


DIMENSIONS

Dimensions and available door frames are provided on pages dedicated to the particular models of doors.



SINGLE LEAF DOOR
(range of dimensions)



DOUBLE LEAF DOOR
(range of dimensions)

SYSTEMS

Due to the way the frame is connected to the leaf, we distinguish rebated and non-rebated systems. In the first one, the leaf has a rabbet (groove), which overlaps the frame, while in the second one, the leaf edge forms a uniform plane with the frame.



REBATED SYSTEM
the leaf has a rabbet
(groove) which overlaps the
door frame



NON-REBATED SYSTEM
the straight leaf edge and
the door frame form a
uniform plane

PARAMETERS

POL-SKONE offers doors with special technical properties.



soundproof door



fire-rated door



anti-burglary door



mechanical class



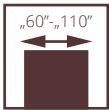
smoke protection door



resistance to climatic
conditions



X-RAY



III or IV class



INTERIOR HARMONY INVEST

NEW

Internal entrance doors for use in public utility buildings including offices, hotels etc. Internal entrance doors manufactured in accordance with PN-EN 14351-2:2018..

LEAF: made of solid pine frame additionally reinforced with a steel profile. The filling is a special Pol-Skone construction. The leaf is veneered with HDF board package on both sides. **Nominal thickness of the leaf is 50 mm.** The leaf is equipped with a drop down seal.

Frame: solid aluminium, reinforced.

Door width „60” - „90” - 4 mechanical class resistance acc. to PN-EN 1192:2001

Door width „100” - „110” - 3 mechanical class acc. to PN-EN 1192-2001 standard

acoustic insulation: **Rw= 37 dB, D₁-35, D₂-30**



HARMONY INVEST with aluminium frame

HARMONY INVEST



HARMONY INVEST FRAME FOR SINGLE LEAF DOOR

DOOR LEAF PRICE	W00
untreated leaf in primer for self-painting	1175 /1445,25
ECO TOP	1190 /1463,70
LAMISTONE CPL	1240 /1525,20
UNI MAT PLUS	1220 /1500,60
SILKSTONE	1240 /1525,20
LAMINATED CPL 0,2 MM	1340 /1648,20
PAINTED (RAL 9003)*	1390 /1709,70
PAINTED BLACK (RAL 9005)	1590 /1955,70
VENEERED GROUP A	1390 /1709,70
VENEERED GROUP B	1410 /1734,30
VENEERED GROUP C	1500 /1845,00

*standard leaf colour - white RAL 9003.

extra charge for basic colour white (RAL 9003)
acc. to colour group RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77

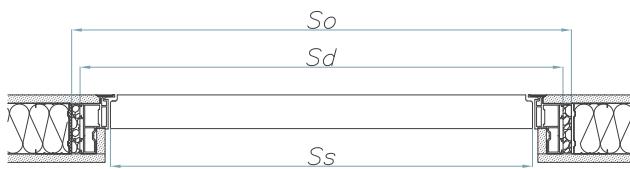
(dimensions given for the leaf)	paint it yourself	PAINTED white RAL 9003	PAINTED BLACK RAL 9005	number of hinges
625-925 x 2040/2050 (2 hinges)	1450 /1783,50	1550 /1906,50	1750 /2152,50	2 pcs
1025-1125 x 2040/2050 (3 hinges)	1595 /1961,85	1695 /2084,85	1895 /2330,85	3 pcs.
625-925x 2140/2150 (3 hinges)	1595 /1961,85	1695 /2084,85	1895 /2330,85	3 pcs
1025x1125 x 2140/2150 (3 hinges)	1740 /2140,20	1840 /2263,20	2040 /2509,20	3 pcs
625-925 x 2240/2250 (3 hinges)	1740 /2140,20	1840 /2263,20	2040 /2509,20	3 pcs
1025x1125x2240/2250 (3 hinges)	1885 /2318,55	1985 /2441,55	2185 /2687,55	3 pcs
625-925 x 2340 /2350 (3 hinges)	1885 /2318,55	1985 /2441,55	2185 /2687,55	3 pcs
1025-1125 x2340/2350 (3 hinges)	2030 /2496,90	2130 /2619,90	2330 /2865,90	3 pcs
625-925 x 2440/2450 (3 hinges)	2030 /2496,90	2130 /2619,90	2330 /2865,90	3 pcs
1025-1125x 2440/2450 (3 hinges)	2175 /2675,25	2275 /2798,25	2475 /3044,25	3 pcs.

extra charge for structural colours **+10%**

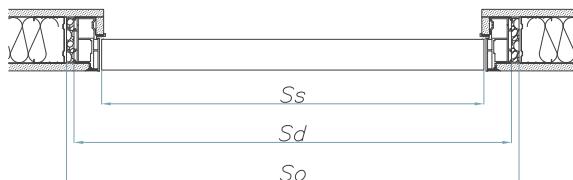
price of CPL 0,5 mm and CPL 0,7 mm (extra charge to CPL 0,2 mm)

	,80"	,90" - „100"
	130 /159,90	160 /196,80

HARMONY INVEST
(door openable inwards)



HARMONY INVEST
(door openable outwards)



DOOR OPENABLE INWARDS

WIDTH [MM]			HEIGHT [MM]		
Ss	Sd	So	Hs	Hd	Ho
,60"	625	715	735	1950	2002
,70"	725	815	835	2050 - standard	2102
,80"	825	915	935	2150	2202
,90"	925	1015	1035	2250	2302
,100"	1025	1115	1135	2350	2402
,110"	1125	1215	1235	2450	2502

Ss - width door leaf

Sd - width door on the outside of the door frame

So - width mounting hole

Hs - height door leaf

Hd - height door on the outside of the door frame

Ho - height mounting hole

DOOR OPENABLE HEIGHT

	WIDTH [MM]			HEIGHT [MM]		
	Ss	Sd	So	Hs	Hd	Ho
,60"	625	715	735	1940	1992	2005
,70"	725	815	835	2040 - standard	2092	2105
,80"	825	915	935	2140	2192	2205
,90"	925	1015	1035	2240	2292	2305
,100"	1025	1115	1135	2340	2392	2405
,110"	1125	1215	1235	2440	2492	2505

DOOR LEAF FINISH

Plain, painted, verneered, „paint it yourself” mode surface covered with CPL 0,2 to 0,7 mm laminate or wood-like foil.

DOOR FRAME

Aluminium fixed frame, reinforced.

ACCESSORIES AND EQUIPMENT

Standard equipment::

- magnetic lock WK, WB, WC
- Frame colour anodised aluminium- hinges TECTUS by Simonswerk TE 340 colour satin chrome, silver striker plate
- painted frame RAL 9003 - hinges TECTUS by Simonswerk TE 340 colour satin chrome, striker plate chrome, satin
- painted frame RAL 9005 - hinges TECTUS by Simonswerk TE 340 colour chrome black, black striker plate
- concealed hinges TECTUS by Simonswerk TE 340 regulated 3D („60”, „90” - 2 pcs, „100”, „110” - 3 pcs.) higher than standard door - 3 pcs.
- drop down seal

Additional equipment::

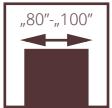
- width „100” **+10%**
- width „110” **+20%**
- automatic door closer concealed GEZE BOXER 2-4

- mortise sash lock for patent cylinder or key

- electric door strike BIRA HARTTE XS narrow with slide XS12R-C 12V DC (including the hook plate SPEC 525 and milling for an electric door strike) - **258**/317,34
- electric door strike (NC version) BIRA HARTE XS narrow XS12UW 12V AC/DC (including the hook plate SPEC 525 and milling for an electric door strike)- **221**/271,83
- electric door strike (NC version with switch) BIRA HARTE XS narrow XS12UW 12V AC/DC (including the hook plate SPEC 525 and milling for an electric door strike)- **221**/271,83
- higher doors - 2150/2140 **+10%**
- higher doors - 2250/2240 **+20%**
- higher doors - 2350/2340 **+30%**
- higher doors - 2450/2440 **+40%**

FITTING INSTRUCTIONS

The frame is fixed with wall plugs or screws and mounting foam to masonry and frame walls.



B-30 door, version W0, adjustable door frame on the one side

ANTI-BURGLARY DOOR

POL-SKONE

B-30/C-30

NOTE! In order to meet the fire resistance conditions to door should be used an automatic door closer conforming to the requirements of the PN-EN 1154:1999/A1:2004/AC:2010 standard and door handles conforming to the requirements of the PN-EN 1906:2012 standard (min. class B to the extent related to fire resistance and min. class 3 burglary resistance), cylinder door lock conforming to the requirements of the PN-EN 1303:2015 standard (min. class 4 key-related resistance rating key-related immunity, min. 1 class attack resistance rating and class B to the extent related to fire resistance).

Interior entrance door from corridors or staircases to e.g. flats in multi-family buildings or rooms in public utility buildings

The door leaf structure consists of a wooden rail and stile set topped with two HDF boards. The in-fill is made of a special POL-SKONE structure. The door leaf thickness is: 56 mm..

Burglary resistance:

POL-SKONE B-30 – class RC3 acc. to PN-EN 1627:2012

POL-SKONE C-30 – class RC3 acc. to PN-EN 1627:2012

– class C acc. to PN-B-92270:1990

Smoke protection – class Sa, S₂₀₀

Fire resistance- class EI₃₀

Acoustic insulation – D1-35, D2-35, R_w=37 dB

4 mechanical class acc. to PN-EN 1192:2001 ITB

technical approval: -KOT-2018/0713 edition 1

National Certificate of Constancy of Performance No. 020-UWB-2728/W



B-30 door, version W0, fixed wooden door frame

See more inspirations



B-30



VERSION	W00
ECO TOP	1885 /2318,55
HIGH TOP	1999 /2458,77
LAMISTONE CPL	1999 /2458,77
UNI MAT PLUS	1964 /2415,72
SILKSTONE	1999 /2458,77
LAMINATED CPL 0,2 MM	2113 /2598,99
PAINTED (RAL 9003)*	2386 /2934,78
VENEERED GROUP A	2386 /2934,78
VENEERED GROUP B	2507 /3083,61
VENEERED GROUP C	2626 /3229,98
SILKWOOD	2626 /3229,98

*standard colour of wooden leaves and door frames – white RAL 9003.

an extra charge to the basic white colour (RAL 9003) according to colour groups
RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77



strip type lock



upper rosette



hinge



anti-burglary bolts



oak threshold



strip type lock

C-30



VERSION	W00
ECO TOP	2544 /3129,12
HIGH TOP	2599 /3196,77
LAMISTONE CPL	2599 /3196,77
UNI MAT PLUS	2622 /3225,06
SILKSTONE	2599 /3196,77
LAMINATED CPL 0,2 MM	2711 /3334,53
PAINTED (RAL 9003)*	2942 /3618,66
VENEERED GROUP A	2942 /3618,66
VENEERED GROUP B	3377 /4153,71
VENEERED GROUP C	3518 /4327,14
SILKWOOD	3518 /4327,14

price of CPL 0,5 mm and CPL 0,7 mm (extra charge to CPL 0,2 mm)

„80”	„90” - „100”
130 /159,90	160 /196,80

DOOR DIMENSIONS

Fixed or adjustable wooden frame:
1012x2075 mm, 980x2075 mm, 880x2075 mm,
1012x2000 mm, 980x2000 mm, 880x2000 mm,
1012x1950 mm, 980x1950 mm, 880x1950 mm
max. width 1112 mm, max. height 2175 mm (door C-30 above
width 1012 mm or height 2075 mm do not have smoke protection
parameter)

DOOR LEAF FINISH

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil.
Available decorations made of decorative profile mouldings, aluminum decors (after consultation with the Sales Department).

DOOR FRAME

Painted, veneered, covered with CPL 0.15 mm laminate or foil
matching the colour of the door leaf.
Fixed pine wood frame - optionally provided with masking strips or
a shoe moulding.

**Adjustable wooden frame with widening panels, architraves
and a masking strip.** Optional: lateral architrave 210 mm wide and
16 mm thick (vertical elements)- p. 80.

ACCESSORIES AND EQUIPMENT

Standard equipment: door B-30:
- pivot hinges adjustable in 3 planes by OTLAV
- strip type cylinder lock by LOB with four point bolts (2 bolts, 2
hooks), spacing: 72 mm
- anti-burglary bolts - 5 pcs
- oak threshold (coloured natural oak, black, grey, brown) with an
aluminium strip preventing excessive exploitation.

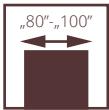
- upper rosette GARDA colour black - **90**/110,70
- set of inserts 6 class in black colour - from **204**/250,92
- width 1112 mm **+10%**
- height 2175 mm **+10%**
- wide-angle peephole - silver **72**/88,56, gold, black **83**/102,09
- CPL laminate 0,5 mm, 0,7 mm*:
width „80” - **130**/159,90 , width „90”-, „100” - **160**/196,80

Standard equipment: door C-30:
- pivot hinges adjustable in 3 planes by OTLAV
- strip type cylinder lock by LOB with five point bolts
(2 bolts, 3 hooks), spacing: 72 mm
- set of inserts 6 class
- handle and upper rosette GARDA with insert protection - inox
colour
- anti-burglary bolts - 5 pcs
- oak threshold (coloured natural oak, black, grey, brown) with an
aluminium strip preventing excessive exploitation.

Additional equipment C-30:
- decorations, surface-mounted or concealed door closer,
electromagnetic lock by DORMAKABA, reed switch
- aluminium decors, new designs - p. 55
- colour change of the GARDA handle to black - **30**/36,90
- colour change of the GARDA upper rosette to black - **10**/12,30
- colour change of insert class 6 to black - **45**/55,35
- width 1112 mm **+10%**
- height 2175 mm **+10%**
- colour change of standard oak threshold to black, grey, brown - **no
extra charge** (p. 80)
- colour change of the leaf edge to grey, graphite, black - **40**/49,20
- wide-angle peephole - silver **72**/88,56, gold, black **83**/102,09
- CPL laminate 0,5 mm, 0,7 mm*:
width „80” - **130**/159,90 , width „90”-, „100” - **160**/196,80

Additional equipment B-30:
- aluminium decors, decorations, surface-mounted or concealed
door closer, electromagnetic lock by DORMAKABA, reed switch
- handle GARDA colour inox - **209**/257,07
- rosette GARDA colour inox - **88**/108,24
- set of inserts 6 class in matt nickel colour- from **154**/189,42
- handle GARDA colour black - **229**/281,67

* extra charge for standard door height



RC4 door, version 00, fixed metal door frame

ANTI-BURGLARY DOOR POL-SKONE

RC4



Interior entrance door leading from corridors or staircases to e.g. flats in multi-family buildings or rooms in public utility buildings. Opened inside and outside the room.

Special POL-SKONE contraction based on a solid wooden stile reinforced with plywood. The in-fill is a packet of chipboard reinforced with steel bars. Leaf thickness: 50 mm. Fixed metal door frame: made of DC01 sheet metal of thickness 1,5 mm, stainless steel threshold thickness 1,5 mm..

Burglary resistance: class RC4 acc. to PN-EN 1627:2012 and class C acc. to PN-B-92270:1990

Acoustic insulation: $R_w = 37 \text{ dB}$, D1-35, D2-30

Mechanical resistance: class 4 acc. to PN-EN 1192:2001

Mechanical resistance: class 5 acc. to PN-EN 12400:2004

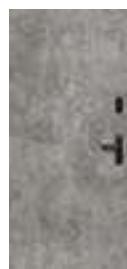
National Technical Assessment: ITB-KOT-2019/0804 edition 2



RC4 door, version 00, fixed metal door frame

See more inspirations





DOOR LEAF PRICE	full 00
ECO TOP	2250 /2767,50
UNI MAT PLUS	2320 /2853,60
HIGH TOP	2360 /2902,80
LAMINATED CPL 0,2 MM	2360 /2902,80
LAMISTONE CPL	2360 /2902,80
SILKSTONE	2360 /2902,80
PAINTED (RAL 9003)*	2460 /3025,80
VENEERED GROUP A	2460 /3025,80
VENEERED GROUP B	2710 /3333,30
VENEERED GROUP C	3110 /3825,30
SILKWOOD	3110 /3825,30

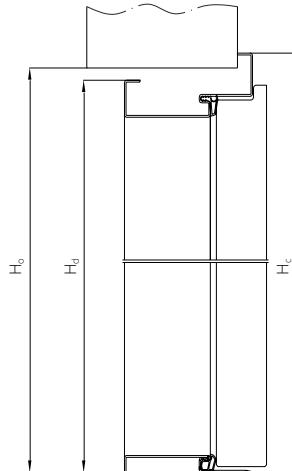
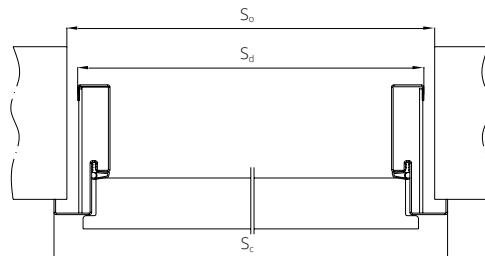
Fixed metal door frame RC4 metal Sheet DC01 thickness 1,5 mm	1051 /1292,73
Stainless steel threshold thickness 1,5 mm	100 /123,00

Door leaf price contains **inserts and a door handle**. These technical parameters apply to the set in the form of door leaf, metal door frame and stainless steel threshold. **In order to meet the requirements of the national technical assessment, it is required to purchase the entire set of doors, i.e. door leaf, metal door frame and stainless steel threshold**



stainless steel threshold

FIXED METAL DOOR FRAME



	width [mm]			height [mm]		
	Sc	Sd	So	Hc	Hd	Ho
„80”	904	860	880	1966	1944	1954
„90”	1004	960	980	2066	2044	2054
„90 Plus”	1024	980	1000	2166	2144	2154
„100”	1104	1060	1080			

The colours of metal frames (p. 63)

*extra charge to the basic white colour (RAL 9003) acc. to colour groups RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77



strip type lock



strip type lock



hinge



anti-burglary bolts

DOOR DIMENSIONS

Doors with metal frame:

904x2066 mm, 1004x2066 mm, 1104x2066 mm
It is possible to make the door at non-standard heights.
Maximum dimension 1104x2166 mm

INVESTMENT WIDTH

Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) 1024x2066 mm

DOOR LEAF FINISH

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil.
Available decorations made of decorative profiled strips.

DOOR FRAME

Fixed metal door frame made of DC01 sheet metal of thickness 1,5 mm, powder coated in to colour: white (RAL 9016 and RAL 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black (RAL 9005).

ACCESSORIES AND EQUIPMENT

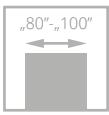
Standard equipment set

- strip type lock with five-point bolt
- hinges object, angular adjustable 3D – 2 pcs
- anti-burglary bolts – 5 pcs
- set of inserts 6 class in matt nickel colour
- handle and rosette TORONTO by Axa - silver colour
- fixed metal door frame made of DC01sheet metal o thickness 1,5 mm **1051**/1292,73
- steel threshold of 1,5 mm thick stainless steel - **100**/123,00

Additional equipment

- extra charge CPL laminate 0,5 mm, 0,7 mm*:
width „80” - **130**/159,90
width „90”, „100” - **160**/196,80
width 1104 mm **+10%**
height 2166 mm **+10%**
- colour change of the TORONTO handle to black - **70**/86,10
- colour change of the TORONTO upper rosette to black - **45**/55,35
- colour change of insert class 6 to black - **45**/55,35
- electromagnetic lock EM 3000 H - **400**/492,00
- surface-mounted or concealed door closer, reed switch - pp. 80-84.
- colour change of the leaf edge to grey, graphite, black - **40**/49,20
- wide-angle peephole - silver **72**/88,56, gold, black **83**/102,09

*extra charge for standard door height



RC4 EI30 door, version 00, fixed metal door frame

RC4 EI30

Interior entrance door leading from corridors or staircases to e.g. flats in multi-family buildings or rooms in public utility buildings. Opened inside and outside the room.

Special POL-SKONE contraction based on a solid wooden stile reinforced with plywood. The in-fill is a packet of chipboard reinforced with steel bars. Leaf thickness: 50 mm. Fixed metal door frame: made of DC01 sheet metal of thickness 1,5 mm, stainless steel threshold thickness 1,5 mm...

BURGLARY RESISTANCE class RC4 acc. PN-EN 1627:2012 and class C acc. PN-B-92270:1990

Fire resistance – **class EI,30**

ACOUSTIC INSULATION **Rw= 37 dB, D₁,35, D₂,30**

MECHANICAL RESISTANCE: CLASS 4 ACC. PN-EN 1192:2001

Mechanical resistance: **class 5 acc. PN-EN 16034: 2014**

NATIONAL TECHNICAL ASSESSMENT: **ITB-KOT-2019/0804 edition 2**

National Certificate of Constancy of Performance
No **020-UWB-2815/W**



strip type lock



strip type lock



hinge



anti-burglary bolts



RC4 EI30 door, version 00, fixed metal door frame

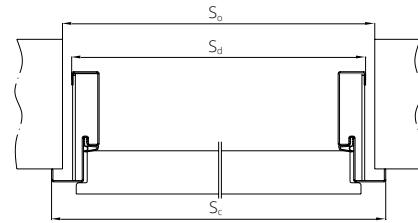
See more inspirations



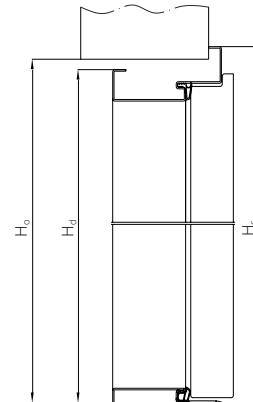


FIXED METAL DOOR FRAME

width [mm]			S _o
	S _c	S _d	S _o
„80”	904	860	880
„90”	1004	960	980
„90 Plus”	1024	980	1000
„100”	1104	1060	1080



height [mm]		
H _c	H _d	H _o
1966	1944	1954
2066	2044	2054
2166	2144	2154



DOOR LEAF PRICE

full 00	
ECO TOP	2400 /2952,00
UNI MAT PLUS	2470 /3038,10
HIGH TOP	2470 /3038,10
LAMINATED CPL 0,2 MM	2510 /3087,30
LAMISTONE CPL	2510 /3087,30
SILKSTONE	2510 /3087,30
PAINTED (RAL 9003)*	2610 /3210,30
VENEERED GROUP A	2610 /3210,30
VENEERED GROUP B	2860 /3517,80
VENEERED GROUP C	3260 /4009,80
SILKWOOD	3260 /4009,80

Door leaf price contains **inserts and a door handle**. These technical parameters apply to the set in the form of door leaf, metal door frame and stainless steel threshold. **In order to meet the requirements of the national technical assessment, it is required to purchase the entire set of doors, i.e. door leaf, metal door frame and stainless steel threshold**



handle and rosette Toronto colour black



stainless steel threshold

*extra charge to the basic white colour (RAL 9003)
for door with a wooden frame and door leaves acc. to
colour groups RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77

DOOR DIMENSIONS

Door with metal frame:

904x2066 mm, 1004x2066 mm, 1104x2066 mm

max. width 1104 mm, max. height 2166 mm

it is possible to manufacture doors to non-standard heights

INVESTMENT WIDTH

Width 90 Plus - 1024x2066 mm.

Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°)

DOOR LEAF FINISH

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil.
Available flat decors, made of decorative profile strips (after consultation with the Sales Department).

DOOR FRAME

Fixed metal door frame made of DC01 sheet metal of thickness 1,5 mm, powder coated in to colour: white (RAL 9016 and RAL 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black (RAL 9005)

It is possible to paint frames in untypical colours from RAL or NCS colours after consultation with the Sales Department.

ACCESSORIES AND EQUIPMENT

Standard equipment:

- strip type lock with five-point bolt
- hinges object, angular adjustable 3D - 2 pcs
- anti-burglary bolts - 5 pcs.
- handle and rosette Toronto by Axa - colour silver
- set of inserts 6 class in matt nickel colour
- intumescents seals
- frame fixed metal z blachy DC01 o grubości 1,5 mm - **1051**/1292,73
- fixed metal door frame made of DC01 sheet metal o thickness 1,5 mm - **100**/123,00
- no possibility to use concealed door closer

Additional equipment:

- decorations, surface-mounted door closer, electromagnetic lock by DORMAKABA, reed switch
- wide-angle peephole - silver **72**/88,56, gold, black **83**/102,09
- colour change of the TORONTO handle to black - **70**/86,10
- colour change of the TORONTO upper rosette to black - **46**/56,58
- colour change of insert class 6 to black - od **20**/24,60
- colour change of the leaf edge to grey, graphite, black- **40**/49,20
- arm, rail automatic door closer - p. 80
- extra charge to CPL 0,5 mm, 0,7 mm*:
width „80” - **130**/159,90
width „90”, „100” - **160**/196,80

* extra charge for standard door height

NOTE! In order to meet the fire resistance requirements for doors, a door closer must be used which fulfils the requirements of the PN-EN 1154:1999/A1:2004/AC:2010 standard



RC3 door, version W0, fixed wooden door frame

ANTI-BURGLARY DOOR POL-SKONE

RC3

NOTE! To ensure that the door meets anti-burglary specifications, door handles should comply with min. class 3 anti-burglary resistance rating whereas door lock cylinders should comply with min. class 4 key-related resistance rating and min. class 1 attack resistance rating according to the PNEN 1303:2007+AC:2008 standard.

Interior entrance door from corridors or staircases to e.g. flats in multi-family buildings or rooms in public utility buildings.

The door leaf structure consists of a wooden rail and stile set topped with two HDF boards. The in-fill is made of a special POL-SKONE structure. Thickness door leaf 50 mm

- Burglary resistance: class RC3 acc. to PN-EN 1627:2012
- Acoustic insulation -- D1-30, D2-30, $R_w=32$ dB
- 4 mechanical class acc. to PN-EN 1192:2001
- National Technical Assessment ITB -KOT-2018/0713 edition 1



RC3 door, version W0, fixed wooden door frame

See more inspirations





VERSION	RC3 with a wooden frame
ECO TOP	1682 /2068,86
UNI MAT PLUS	1758 /2162,34
HIGH TOP	1790 /2201,70
LAMINATED CPL 0,2 MM	1899 /2335,77
LAMISTONE CPL	1790 /2201,70
SILKSTONE	1790 /2201,70
PAINTED (RAL 9003)*	2154 /2649,42
VENEERED GROUP A	2154 /2649,42
VENEERED GROUP B	2268 /2789,64
VENEERED GROUP C	2382 /2929,86
SILKWOOD	2382 /2929,86

*extra charge to the basic white colour (RAL 9003) for door with a wooden frame and door leaves acc. to colour groups RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77



oak threshold



hinge



upper rosette



hinge

DOOR DIMENSIONS

Fixed or adjustable wooden door frame:
1012x2075 mm, 980x2075 mm, 880x2075 mm,
1012x2000 mm, 980x2000 mm, 880x2000 mm,
1012x1950 mm, 980x1950 mm, 880x1950 mm.
max. width door „100“ 1112 mm, max. height 2175 mm

INVESTMENT WIDTH

Width 90 Plus - 1032 mm.
Door with 1032 allows for a passage width of min. 900 mm when opening the leaf.

DOOR LEAF FINISH

Plain, painted, veneered surface covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil. Available flat decors, made of decorative profiled strips, aluminum decors (after consultation with the Sales Department).

DOOR FRAME

Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.

Adjustable wooden frame with widening panels, architraves and a masking strip.

Optionally: 210 mm wide and 16 mm thick lateral architrave (vertical elements) - p. 80

Fixed pine wood frame – optionally provided with masking strips or a shoe moulding

ACCESSORIES AND EQUIPMENT

Standard equipment:

- 4 pivot hinges adjustable in 3 planes by OTLAV
- strip type cylinder lock by FUHR four-point bolt (2 bolts, 2 hooks) spacing: 92 mm
- anti-burglary bolts – 5 pcs
- oak threshold in natural oak, black, grey, brown with an aluminium strip preventing excessive exploitation

- aluminum decors, new versions - p. 55

- handle GARDA colour inox- **209**/257,07

- rosette GARDA colour inox- **88**/108,24

- set of inserts 6 class in matt nickel colour - from **154**/189,42

- handle GARDA colour black - **229**/281,67

- upper rosette GARDA colour black - **90**/110,70

- set of inserts 6 class in black colour - od **182**/223,86

- door width „100“ 1112 mm **+10%**

- height 2175 mm **+10%**

- colour change of standard oak threshold to black, grey, brown - **no extra charge** (p. 80)

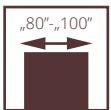
- colour change of the leaf edge to grey, graphite, black - **40**/49,20

- wide-angle peephole - silver **72**/88,56, gold, black **83**/102,09

Additional equipment:

- extra charge to CPL laminate 0,5 mm, 0,7 mm*: width „80“ - **130**/159,90
- width „90“, „100“ - **160**/196,80
- decorations, surface-mounted or concealed door closer, electromagnetic lock by DORMAKABA, reed switch - p. 80-84.
- replacement of oak threshold with stainless steel threshold - **40**/49,20

* extra charge for standard door height



RC3 INVEST door, version W0, fixed door metal frame

**ANTI-BURGLARY DOOR
POL-SKONE**

RC3 INVEST

NOTE! To ensure that the door meets anti-burglary specifications, door handles should comply with min. class 3 anti-burglary resistance rating whereas door lock cylinders should comply with min. class 4 key-related resistance rating and min. class 1 attack resistance rating according to the PNEN 1303:2007+AC:2008 standard

NEW

Interior entrance door from corridors or staircases to e.g. flats in multi-family buildings or rooms in public utility buildings.

The door leaf structure consists of a wooden rail and stile set topped with two HDF boards. The in-fill is made of a special POL-SKONE structure. Thickness door leaf 50 mm.

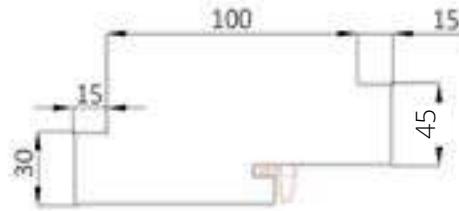
- Burglary resistance: class RC3 acc. to PN-EN 1627:2012
- Acoustic insulation – D1-30, D2-30, $R_w=32$ dB
- 4 mechanical class acc. to PN-EN 1192:2001
- National Technical Assessment ITB –KOT-2018/0713 edition 1



See more inspirations



RC3 INVEST door, version W0, fixed door metal frame



NOTE: NEW
ARCHITRAVES WIDTH

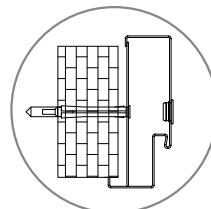
VERSION	RC3 door with a metal frame
ECO TOP	2085 /2564,55
UNI MAT PLUS	2195 /2699,85
HIGH TOP	2195 /2699,85
LAMINATED CPL 0,2 MM	2195 /2699,85
LAMISTONE CPL	2195 /2699,85
SILKSTONE	2195 /2699,85
PAINTED (RAL 9003)*	2459 /3024,57
VENEERED GROUP A	2459 /3024,57
VENEERED GROUP B	2574 /3166,02
VENEERED GROUP C	2690 /3308,70
SILKWOOD	2690 /3308,70

extra charge to colour metal door frames (p. 63)

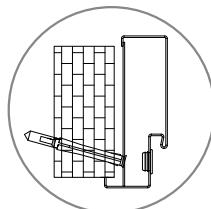
*extra charge to the basic white colour (RAL 9003) for door with a metal frame and door leaves acc. to colour groups RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77

For RC3 doors with metal frame it is possible to order a metal frame with an electric strike BIRA ES 1 (symmetrical)
- p. 78



anchor fixing hole in the centre of the profile on the chest of the frame



anchor fixing hole in the frame flange



stainless steel threshold

handle

upper rosette

hinge

metal door frame

DOOR DIMENSIONS

Fixed metal frame:
924x2081 mm, 1024x2081 mm
max. door width „100“ 1124 mm, max. height 2181 mm

INVESTMENT WIDTH

Width 90 Plus - 1044 mm.

Door with 1044 allows for a passage width of min. 900 mm when opening the leaf

DOOR LEAF FINISH

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil.
Available flat decors, made of decorative profiled strips aluminum decors (after consultation with the Sales Department).

DOOR FRAME

Fixed metal door frame made of 1.5 mm thick steel sheet available in standard powder coatings in the following colours: white (RAL 9016 and RAL 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black (RAL 9005). There is a possibility of painting the door frames in untypical RAL or NCS colours after consultation with the Sales Department.

ACCESSORIES AND EQUIPMENT

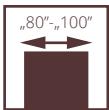
Standard equipment:

- metal frame RC3 INVEST
- stainless steel threshold
- strip type cylinder lock four-point bolt (2 bolts, 2 hooks)
- spacing: 92 mm, colour silver
- 4 pivot hinges adjustable in 3 planes, colour silver
- anti-burglary bolts - 5 pcs
- rosette GARDA colour inox
- handle GARDA (spacing 92 mm) colour inox
- set of inserts 6 class in matt nickel colour

Additional equipment:

- extra charge to CPL laminate 0,5 mm, 0,7 mm*: width „80“ - **130**/159,90
- width „90“, „100“ - **160**/196,80
- decorations, surface-mounted or concealed door closer, electromagnetic lock by DORMAKABA, reed switch - p. 80-84.
- reinforcement of RC3 metal frame for BIRA ES 1 obversion electric strike - **80**/98,40 + extra charge for electric strike - p. 78
- aluminum decors, new versions - p. 55
- colour change of the GARDA handle to black - **30**/36,90
- colour change of the GARDA rosette to black - **10**/12,30
- changing the colour of a class 6 insert to black - **45**/55,35
- door width „100“ 1124 mm **+10%**
- height 2181 mm **+10%**
- colour change of the leaf edge to grey, graphite, black - **40**/49,49
- wide-angle peephole - silver **72**/88,56, gold, black **83**/102,09

* extra charge for standard door height



CERBER PLUS RC2 door, version 00 with glass application, adjustable wooden frame

**ANTI-BURGLARY DOOR
POL-SKONE**

CERBER PLUS RC2

Interior entrance door from corridors or staircases to e.g. flats in multi-family buildings or rooms in public utility buildings.

Door with fixed or adjustable door wooden or metal frame. The door leaf structure consists of a wooden rail and stile set topped with two HDF boards. In-fill is made of perforated chipboard, optionally solid chipboard, or special POL-SKONE structure (version 37 dB). The rated door leaf thickness is: 46 mm.

A glass application glued onto the surface of the leaf (protrudes approximately 1 mm). It is placed only on the external side of the door, i.e. always on the staircase side.
The design is ideally completed with a metal frame in black RAL 9005 or a wooden frame in black 244 LAMISTONE..

Acoustic insulation:

class D1 – 25, D2 – 25, **class Rw=27 dB** ((in-fill perforated chipboard or full, door with a threshold or a drop down seal)

class D1 – 30, D2 – 30, class Rw=37 dB (in-fill POL-SKONE, door with a drop down seal.)

class D1 – 35, D2 – 30, class Rw=37 dB (in-fill POL-SKONE, door with a threshold)

Burglary resistance: class RC2 acc. to PN-EN 1627:2012 3 class mechanical acc. to PN-EN 1192:2001

National Technical Assessment ITB-KOT-2019/0742 edition 1



CERBER PLUS RC2 door, version W1S with glass application, fixed metal frame colour RAL 9005, doors opening inwards

See more inspirations



CERBER PLUS RC2



VERSION	W1S	W1S	W1S 37 dB	W1S 37 dB
	with fixed wooden frame	with fixed metal frame	with fixed wooden frame	with fixed metal frame
PAINTED (RAL 9003)	2079/2557,17	2189/2692,47	2343/2881,89	2453/3017,19
ECO TOP	1639/2015,97	1749/2151,27	1925/2367,75	2035/2503,05
UNI MAT PLUS	1716/2110,68	1826/2245,98	2002/2462,46	2112/2597,76
HIGH TOP	1749/2151,27	1859/2286,57	2035/2503,05	2145/2638,35
LAMINATED CPL 0,2 MM	1859/2286,57	1969/2421,87	2145/2638,35	2255/2773,65
LAMISTONE CPL	1749/2151,27	1859/2286,57	2035/2503,05	2145/2638,35
SILKSTONE	1749/2151,27	1859/2286,57	2035/2503,05	2145/2638,35
VENEERED GROUP A	2079/2557,17	2189/2692,47	2343/2881,89	2453/3017,19
VENEERED GROUP B	2189/2692,47	2299/2827,77	2453/3017,19	2563/3152,49
VENEERED GROUP C	2299/2827,77	2409/2963,07	2563/3152,49	2673/3287,79
SILKWOOD	2299/2827,77	2409/2963,07	2563/3152,49	2673/3287,79

The given technical parameters apply to the set in the form of door leaf, metal door frame and threshold. In order to meet the requirements of the national technical assessment, it is required to purchase the whole set of doors, i.e. door leaf, door frame and threshold.

*standard colour of wooden leaves and door frames- white RAL 9003

The colours of metal frames (p. 63)

extra charge to the basic white colour (RAL 9003)
acc. to colour groups RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399/490,77	499/613,77	599/736,77	699/859,77	799/982,77



glass application - NEW



Striker plate in black



strip type lock and handle colour black



upper rosette with knob in black

DOOR DIMENSIONS

Door with wooden frame:
895x2067 mm, 995x2067 mm, 1095x2067 mm
It is possible to manufacture doors to non-standard heights.

Door with metal frame:
917x2078 mm, 1017x2078 mm, 1117x2078 mm
It is possible to manufacture doors to non-standard heights.

INVESTMENT WIDTH
VERSION „90 plus” (allows for a passage width of min. 900 mm when opening the leaf) 1005x2067 mm

INVESTMENT WIDTH
VERSION „90 plus” (allows for a passage width of min. 900 mm when opening the leaf) 1027x2078 mm

DOOR LEAF FINISH

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil.

DOOR FRAME

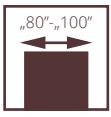
Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.
Fixed pine wood frame- optionally provided with a masking strips or a shoe moulding
Adjustable wooden frame with widening panels, architraves and a masking strip

Fixed metal door frame made of sheet metal o thickness 1,5 mm available in standard powder coatings in the following colours: white (RAL 9016 and RAL 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black(RAL 9005).
Metal door frames painted in non-standard RAL or NCS colours are available (after consultation with the Sales Department).

ACCESSORIES AND EQUIPMENT

Standard equipment:
- black glass application placed on the external side of the door
- silver screwed-in pivot hinges adjustable- 3 pcs.
- set of black PVC hinge covers
- strip type lock in black (sliding 72 mm) four-point bolt
- adjustable striker plates, reinforced in black
- black anti-burglary bolts – 3 pcs
- peephole Ø 15
- oak threshold in natural oak, black, grey, brown with aluminium strip preventing from excessive exploitation

Additional equipment
- dimension „100” +20%
- in-fill made of solid chipboard-- 130/159,90
- the colours SILKSTONE CPL - 260/319,80
- set of inserts 6 class in matt nickel colour - 140/172,20
- drop down seal (without a threshold) -- 209/257,07
- replacement of oak threshold with stainless steel threshold (applies to metal frame) - 40/49,20
- handle GARDA colour black - 229/281,67
- upper rosette GARDA colour black - 90/110,70
- set of inserts 6 class in black - from 182/223,86
- colour change of standard oak threshold to black, grey, brown - no extra charge (p. 80)
- colour change of the leaf edge to grey, graphite, black - 40/49,20



CERBER PLUS RC2 door, version 00, fixed metal frame

**ANTI-BURGLARY DOOR
POL-SKONE**

CERBER PLUS RC2

Interior entrance door from corridors or staircases to e.g. flats in multi-family buildings or rooms in public utility buildings.

Door with fixed or adjustable door wooden or metal frame. The door leaf structure consists of a wooden rail and stile set topped with two HDF boards. In-fill is made of perforated chipboard, optionally solid chipboard, or special POL-SKONE structure (version 37 dB). The rated door leaf thickness is: 46 mm..

Acoustic insulation:

class D1 – 25, D2 – 25, class Rw=27 dB ((in-fill perforated chipboard or full, door with a threshold or a drop down seal)

class D1 – 30, D2 – 30, class Rw=37 dB (in-fill POL-SKONE, door with a drop down seal.)

class D1 – 35, D2 – 30, class Rw=37 dB (in-fill POL-SKONE, door with a threshold)

Burglary resistance: class RC2 acc. to PN-EN 1627:2012 3 class mechanical acc. to PN-EN 1192:2001

National Technical Assessment ITB-KOT-2019/0742 edition 1



See more inspirations



CERBER PLUS RC2 door, version 00, wooden door frame adjustable on the one side

CERBER PLUS RC2



VERSION	full 00		37 dB 00		leaf CERBER PLUS RC2 to metal door frame	leaf CERBER PLUS RC2 37dB to metal door frame
	with fixed wooden frame	with fixed metal frame	with fixed wooden frame	with fixed metal frame		
ECO TOP	1445 /1777,35	1555 /1912,65	1676 /2061,48	1786 /2196,78	865 /1063,95	1075 /1322,25
UNI MAT PLUS	1525 /1875,75	1635 /2011,05	1756 /2159,88	1866 /2295,18	970 /1193,10	1180 /1451,40
HIGH TOP	1560 /1918,80	1670 /2054,10	1791 /2202,93	1901 /2338,23	939 /1154,97	1149 /1413,27
LAMINATED CPL 0,2 MM	1676 /2061,48	1786 /2196,78	1907 /2345,61	2017 /2480,91	1075 /1322,25	1285 /1580,55
LAMISTONE CPL	1560 /1918,80	1670 /2054,10	1791 /2202,93	1901 /2338,23	970 /1193,10	1180 /1451,40
SILKSTONE	1560 /1918,80	1670 /2054,10	1791 /2202,93	1901 /2338,23	970 /1193,10	1180 /1451,40
PAINTED (RAL 9003)*	1907 /2345,61	2017 /2480,91	2138 /2629,74	2248 /2765,04	1346 /1655,58	1566 /1926,18
VENEERED GROUP A	1907 /2345,61	2017 /2480,91	2138 /2629,74	2248 /2765,04	1285 /1580,55	1495 /1838,85
VENEERED GROUP B	2022 /2487,06	2132 /2622,36	2253 /2771,19	2363 /2906,49	1390 /1709,70	1600 /1968,00
VENEERED GROUP C	2138 /2629,74	2248 /2765,04	2369 /2913,87	2479 /3049,17	1495 /1838,85	1705 /2097,15
SILKWOOD	2138 /2629,74	2248 /2765,04	2369 /2913,87	2479 /3049,17	1495 /1838,85	1705 /2097,15

The given technical parameters apply to the set in the form of door leaf, metal door frame and threshold. In order to meet the requirements of the national technical assessment, it is required to purchase the whole set of doors, i.e. door leaf, door frame and threshold.

*standard colour of wooden leaves and door frames- white RAL 9003.

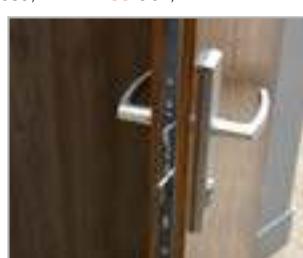
The colours of metal frames (p.. 63)

extra charge to the basic white colour (RAL 9003) acc. to colour groups RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77



strip type lock



strip type lock



hinge



oak threshold to wooden door frame

DOOR DIMENSIONS

Door with a fixed or adjustable wooden door frame:
895x2067 mm, 995x2067 mm, 895x2000 mm, 995x2000 mm,
895x1950 mm, 995x1950 mm
max. width 1095 mm, max. height 2267 mm

Door with a fixed metal frame:

917x2078 mm, 1017x2078 mm, 917x2011 mm, 1017x2011 mm,
917x1961 mm, 1017x1961 mm
max. width 1117 mm, max. height 2278 mm

INVESTMENT WIDTH

Width 90 Plus - 1005x2067 mm.

Door width 1005 mm allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°

INVESTMENT WIDTH

Width 90 Plus - 1027x2078 mm.

Door width 1027 allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°

DOOR LEAF FINISH

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil.
Available flat decors, made of decorative profiled strips aluminum decors (does not apply to the version 37dB).

DOOR FRAME

Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.

Fixed pine wood frame - optionally provided with a masking strips or a shoe moulding.

Adjustable wooden frame with widening panels, architraves and a masking strip.

Fixed metal door frame made of sheet metal o thickness 1,5 mm available in standard powder coatings in the following colours: white (RAL 9016 and RAL 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black (RAL 9005)
Metal door frames painted in non-standard RAL or NCS colours are available (after consultation with the Sales Department).

ACCESSORIES AND EQUIPMENT

Standard equipment:

Door with wooden frame (fixed or adjustable)

- pivot hinges adjustable in 3 planes - 3 pcs.

- strip type lock with four-point bolt

- striker plates, adjustable, reinforced (not for doors with metal frames)

- anti-burglary bolts - 3 pcs

- peephole Ø 15

- oak threshold in the colour of natural oak, black, grey, brown with aluminium strip protecting against excessive exploitation (for wooden frame)

- oak threshold (applies to metal frame)

Additional equipment:

- in-fill made of solid chipboard - **130**/159,90

- aluminium decors - p. 55 (not applicable to version 37dB)

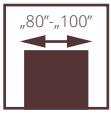
- set of inserts minimum class 4

- handles and rosettes minimum class 2

- drop down seal (without a threshold) - **209**/257,07

- hinge caps (1 pc):

white / brown / black - **8**/9,84, chromium / nickel - **11**/13,53, gold, matt-
11/13,53
- replacement of oak threshold for stainless steel threshold (applies to metal frame) - **40**/49,20
- handle GARDA colour black - **229**/281,67
- handle GARDA colour inox - **209**/257,07
- upper rosette GARDA colour black - **90**/110,70
- upper rosette GARDA colour inox - **88**/108,24
- set of inserts 6 class in black - **182**/223,86
- set of inserts 6 class in nickel-matt colour- **154**/189,42
- decorations - p. 43
- width 1095 mm **+10%** (wooden door frame)
- height 2167 mm **+10%** (wooden door frame)
- height 2267 mm **+20%** (wooden door frame)
- width 1117 mm **+10%** (metal door frame)
- height 2178 mm **+10%** (metal door frame)
- height 2278 mm **+20%** (metal door frame)
- colour change of the leaf edge to grey, graphite, black - **40**/49,20
- wide-angle peephole - silver **72**/88,56, gold, black **83**/102,09



CERBER PLUS door, version 00, ixed wooden door frame

INTERIOR ENTRANCE **CERBER PLUS**

Door with a wooden or metal door frame. Door leaf made of wooden stile, topped with HDF board on the both side. In-fill is made of perforated chipboard, optionally solid chipboard or special POL-SKONE structure (Version 37 dB). The rated thickness of the door leaf is 46 mm.

Acoustic insulation:

class D1 – 25, D2 – 25, class Rw=27 dB (in-fill perforated chipboard or full, door with threshold or drop down seal.)
class D1 – 30, D2 – 30, class Rw=37 dB (in-fill POL-SKONE, door with a drop down seal.)

class D1 – 35, D2 – 30, class Rw=37 dB (in-fill POL-SKONE, door with threshold)

3 mechanical class acc. to normy PN-EN 1192:2001
National Technical Assessment ITB-KOT-2019/0742
edition 1



CERBER PLUS door, version 00, wooden door frame adjustable on the one side

See more inspirations



CERBER PLUS



VERSION	full 00		37 dB 00		door leaf to metal door frame CERBER PLUS	door leaf to metal door frame CERBER PLUS 37dB
	with fixed wooden frame	with fixed metal frame	with fixed wooden frame	with fixed metal frame		
ECO TOP	1116 /1372,68	1226 /1507,98	1422 /1749,06	1532 /1884,36	ECO TOP	732 /900,36
UNI MAT PLUS	1197 /1472,31	1307 /1607,61	1502 /1847,46	1612 /1982,76	UNI MAT PLUS	813 /999,99
HIGH TOP	1179 /1450,17	1289 /1585,47	1560 /1918,80	1670 /2054,10	HIGH TOP	795 /977,85
LAMINATED CPL 0,2 MM	1294 /1591,62	1404 /1726,92	1676 /2061,48	1786 /2196,78	LAMINATED CPL 0,2 MM	910 /1119,30
LAMISTONE CPL	1179 /1450,17	1289 /1585,47	1560 /1918,80	1670 /2054,10	LAMISTONE CPL	795 /977,85
SILKSTONE	1179 /1450,17	1289 /1585,47	1560 /1918,80	1670 /2054,10	SILKSTONE	795 /977,85
PAINTED (RAL 9003)*	1422 /1749,06	1532 /1884,36	1785 /2195,55	1895 /2330,85	PAINTED (RAL 9003)*	1038 /1276,74
VENEERED GROUP A	1422 /1749,06	1532 /1884,36	1785 /2195,55	1895 /2330,85	VENEERED GROUP A	1038 /1276,74
VENEERED GROUP B	1543 /1897,89	1653 /2033,19	1907 /2345,61	2017 /2480,91	VENEERED GROUP B	1159 /1425,57
VENEERED GROUP C	1617 /1988,91	1727 /2124,21	1999 /2458,77	2109 /2594,07	VENEERED GROUP C	1233 /1516,59
SILKWOOD	1617 /1988,91	1727 /2124,21	1999 /2458,77	2109 /2594,07	SILKWOOD	1233 /1516,59

The given technical parameters apply to the set in the form of door leaf, metal door frame and threshold. In order to meet the requirements of the national technical assessment, it is required to purchase the whole set of doors, i.e. door leaf, door frame and threshold.

*standard colour of wooden leaves and door frames- white RAL 9003.

The colours of metal frames (p. 63)

extra charge to the basic white colour (RAL 9003)

acc. to colour groups RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77

Fixed metal door frame
CERBER PLUS, CERBER
PLUS 37 dB **443**/544,89

Wooden threshold oak **51**/62,73

**DOOR PRICE = DOOR LEAF PRICE + DOOR FRAME PRICE +
THRESHOLD PRICE**



hinge



upper rosette



upper rosette



oak threshold

DOOR DIMENSIONS

Drzwi z ościeżnicą drewnianą stałą or regulowaną:
895x2067 mm, 995x2067 mm, 895x2000 mm, 995x2000 mm
895x1950 mm, 995x1950 mm
max. width door „100” -1095 mm, max. height 2267 mm

Door with a fixed metal frame:
917x2078 mm, 1017x2078 mm, 917x2011 mm, 1017x2011 mm,
917x1961 mm, 1017x1961 mm
max. door width „100” -1117 mm, max. height 2278 mm

DOOR LEAF FINISH

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil. Flat decors, made of decorative profiled strips, aluminium decors available (does not apply to 37dB version).

DOOR FRAME

Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.

Fixed metal door frame made of sheet metal o thickness 1,5 mm available in standard powder coatings in the following colours: white (RAL 9016 and RAL 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black (RAL 9005)

Fixed pine wood frame – optionally provided with a masking strips or a shoe moulding
Adjustable wooden frame with widening panels, architraves and a masking strip.

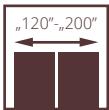
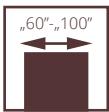
There is a possibility of painting the door frames in untypical RAL or NCS colours after consultation with the Sales Department.

ACCESSORIES AND EQUIPMENT

Standard equipment:
Door with a wooden frame:
- pivot hinges adjustable in 3 planes by OTLAV – 3 pcs
- two independent three-bolt locks for a patent insert
- anti-burglary bolts – 2 pcs
- peephole
- oak threshold in natural oak, black, grey, brown with aluminium strip to protect against excessive exploitation
- reinforced strike plate of the locks

Door with a metal frame:
- pivot hinges adjustable in 3 planes by OTLAV – 3 pcs
- two independent three-bolt locks for a patent insert
- anti-burglary bolts – 2 pcs
- peephole Ø 15
- oak threshold in natural oak, black, grey, brown
Additional equipment:
- in-fill made of solid chipboard - **130**/159,90
- set of inserts- p. 86
- hinge with closing function (only for wooden frame) - **75**/92,25
- drop down seal (without a threshold) - **209**/257,07

- hinge caps (1 pc):
white / brown /black - **8**/9,84, chromium/nickel - **11**/13,53, gold matt - **11**/13,53
- replacement of oak threshold for stainless steel threshold (applies to metal frame) - **40**/49,20
- aluminum decors, new versions - p. 55
- handle GARDA colour black - **229**/281,67
- upper rosette GARDA colour black - **90**/110,70
- set of inserts 6 class in black - **182**/223,86
- width 1095 mm **+20%** (ość, wooden)
- height 2167 mm **+10%** (wooden door frame)
- height 2267 mm **+20%** (wooden door frame)
- width1117 mm **+10%** (metal door frame)
- height 2178 mm **+10%** (metal door frame)
- height 2278 mm **+20%** (metal door frame)
- colour change of the leaf edge to grey, graphite, black - **40**/49,20
- wide-angle peephole - silver **72**/88,56, gold, black **83**/102,09
- decorations - p. 43



FR EI30 door, fixed wooden frame

POL-SKONE FIRE-RATED FR EI30

POL-SKONE SYSTEM WITH OR
WITHOUT SIDELIGHTS / TOPLIGHTS

NOTE! In order to meet the fire resistance conditions, the door should be provided with the automatic door closer conforming to the requirements of the PN-EN 1154:1999/A1:2004/AC:2010 standard, door handles conforming to the requirements of the PN-EN 1906:2012 standard (min. class B to the extent related to fire resistance) and drum cylinders conforming to the requirements of the PN-EN 1303:2007+AC:2008 standards (class 1 to the extent related to fire resistance).

Door are designed for use as interior entrance door in residential buildings, collective residence, public utility and industrial, constitute according to the terminology in the PN-B-91000:1996 standard, closing openings in internal walls, between the staircase or corridor and rooms.

Rebated system door leaf. The door leaf structure consists of a stile of softwood covered with HDF boards on the both sides. The in-fill is made of a special POL-SKONE structure. The rated door leaf thickness is: 50 mm for the door $R_w = 32 \text{ dB}$

- fire resistance EI_{30}
- acoustic insulation:
class $D_1 - 30, D_2 - 25$, class $R_w=32 \text{ dB}$
- 3 mechanical class acc. to PN-EN 1192:2001 standard
- National Technical Assessment ITB-KOT-2020/1370 edition 1
- National Certificate of Constancy of Performance No. 020-UWB-1937/W



fire-rated FR EI30 door, fixed wooden frame

FR EI30



VERSION	EI 30 SR 32	EI 30-1S
ECO TOP	1717 /2111,91	3501 /4306,23
LAMINATED CPL 0,2 MM	2000 /2460,00	3858 /4745,34
UNI MAT PLUS	1800 /2214,00	3581 /4404,63
HIGH TOP	1906 /2344,38	3685 /4532,55
LAMISTONE	1906 /2344,38	3685 /4532,55
SILKSTONE	1906 /2344,38	3685 /4532,55
PAINTED (RAL 9003)*	2380 /2927,40	4436 /5456,28
VENEERED GROUP A	2273 /2795,79	4233 /5206,59
VENEERED GROUP B	2396 /2947,08	4452 /5475,96
VENEERED GROUP C	2519 /3098,37	4670 /5744,1



VERSION	EI 30-2	EI 30-2S	EI 30-3S
ECO TOP	3467 /4264,41	6019 /7403,37	5118 /6295,14
LAMINATED CPL	3950 /4858,50	6619 /8141,37	5614 /6905,22
UNI MAT PLUS	3636 /4472,28	6180 /7601,40	5279 /6493,17
HIGH TOP	3768 /4634,64	6319 /7772,37	5360 /6592,80
LAMISTONE	3768 /4634,64	6319 /7772,37	5360 /6592,80
SILKSTONE	3768 /4634,64	6319 /7772,37	5360 /6592,80
PAINTED (RAL 9003)*	4557 /5605,11	7637 /9393,51	6429 /7907,67
VENEERED GROUP A	4350 /5350,50	7290 /8966,70	6137 /7548,51
VENEERED GROUP B	4565 /5614,95	7653 /9413,19	6441 /7922,43
VENEERED GROUP C	4793 /5895,39	8029 /9875,67	6768 /8324,64

SLidelights and Toplights

	PRICE per 1 lm
ECO TOP	314 /386,22
LAMINATED CPL	314 /386,22
HIGH TOP	314 /386,22
LAMISTONE	314 /386,22
SILKSTONE	314 /386,22
PAINTED (RAL 9003)*	372 /457,56
VENEERED GROUP A	361 /444,03
VENEERED GROUP B	361 /444,03
VENEERED GROUP C	380 /467,4

DOOR DIMENSIONS Fixed or adjustable wooden door frame
1012x2075 mm
max. width „100“ – 1112 mm, max. height 2175 mm

Sidelights / toplights on the profile of fixed door frame 100mm x 55mm fire resistance EI30, maximum dimension sidelights 944mm x2175mm, maximum dimension of toplights 2152mm x 425mm, minimum dimension of one side length highlights 300 mm (price per 1 lm) standard: fireproof transparent glass (sqm) **1540**/1894,20

Sidelights / toplights price = **price of 1 lm x2**
(A+B) + price 1sqm glass x A X B

The result of acoustic tests of full single-leaf door FR EI30 system Pol-Skone with sidelight is (C, Ctr) = 32 (0;-1) dB.

The result of acoustic tests of glazed single-leaf door FR EI30 system Pol-Skone with sidelight is Rw (C, Ctr) = 35 (0;-1) dB.

Double leaf doors:
„30“+„90“* (1352 mm), „40“+„90“* (1452 mm), „50“+„90“* (1552 mm), „60“+„90“* (1652 mm), „70“+„90“ (1752 mm), „80“+„90“ (1852 mm), „90“+„90“ (1952 mm);
*door leaf width „30“, „40“, „50“, „60“ only in the full version.
max. width „100“+„100“ – 2152 mm, max. height 2175 mm

INVESTMENT WIDTH

Width 90 Plus - 1032 mm.

Door width 1032 mm allows to get the clear opening of min. 900 mm when the door leaf is opened at the angle of 90°.

DOOR LEAF FINISH Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil. Decorations made of decorative profile strips, aluminium decors are available.

GLAZING Transparent glass with EI30 fire resistance. Oak frame painted, veneered or covered with foil in colour matching that of the leaf.

DOOR FRAME Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.
Fixed pine wood frame - optionally provided with masking strips or a shoe moulding.

Adjustable wooden frame with widening panels, architraves and a masking strip.

ACCESSORIES AND EQUIPMENT Standard equipment FR EI30:
- pivot hinges adjustable in 3 planes
- mortise lock with a cylinder insert
- drop down seal

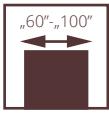
- surface-mounted or concealed door closer
- additional mortise locks
- electric strikes in NC and NO versions
- reed switch
- electromagnetic lock
- electromagnetic door holder

Additional equipment:

- decorations, stainless steel panels, aluminium decors
- electromotive lock EL560/EL561
- coded mortise locks (hotel locks)

Exemplary hotel locks for FR EI30 door:

- series Signature or series Classic VingCard
- series LE8P + handle with access control series XS4 vy Salto
- series LOB 5500 Adel, series LOB 8005, series LOB 8002, by ASSA ABLOY Opening Solutions Poland S.A.
- series HDL MF 20, series HDL MF 20 N, series HDL MF 65 by Hartmann Tresore,
- series Be-Tech 6536M-65A, series Be-Tech Guardian RFID Elegant, series Be-Tech G1 by Guangdong BeTech Security Systems Co. LTD,
- series Ilco 790 RFID, series Saflok RT, series Saflok Quantum RFID by Dormakaba,
- series Trillium, series Advance by Onity,



FR EI30 SR door, fixed wooden frame

POL-SKONE FIRE-RATED

NON-REBATED

FR EI30 SR

Pol-Skone System without sidelights/
toplights

NOTE! In order to meet the fire resistance conditions, the door should be provided with the automatic door closer conforming to the requirements of the PN-EN 1154:1999/A1:2004/AC:2010 standard, door handle conforming to the requirements of the PN-EN 1906:2012 standard and drum cylinders conforming to the requirements of the PN-EN 1303:2007+AC:2008 standard (class 1 as related to fire resistance).

Door are designed for use as interior entrance door in residential buildings, collective residence, public utility and industrial, constitute according to the terminology in the PN-B-91000:1996 standard, closing openings in internal walls, between the staircase or corridor and rooms.

Non-rebated system door leaf. The door leaf structure consists of a stile of softwood covered with HDF boards on the both sides. The in-fill is made of a special POL-SKONE structure. The rated door leaf thickness is: 57 mm

- fire resistance **EI₃₀**
- acoustic insulation class D₁ – 35, D₂ – 35, class Rw=37 dB
- 3 mechanical class acc. to PN-EN 1192:2001 standard
- National Technical Assessment ITB-KOT-2020/1370 edition 1
- National Certificate of Constancy of Performance No. 020-UWB-1937/W



fire-rated FR EI30 SR door, fixed wooden frame



VERSION	EI 30 SR
ECO TOP	2415 /2970,45
LAMINATED CPL 0,2	2678 /3293,94
LAMINATED CPL 0,5	2835 /3487,05
UNI MAT PLUS	2489 /3061,47
HIGH TOP	2573 /3164,79
LAMISTONE	2573 /3164,79
SILKSTONE	2573 /3164,79
SILKSTONE 0,5	2914 /3584,22
PAINTED (RAL 9003)*	3042 /3741,66
PAINTED (RAL 9005)	3242 /3987,66
VENEERED GROUP A	2903 /3570,69
VENEERED GROUP B	3014 /3707,22
VENEERED GROUP C	3124 /3842,52

Exemplary hotel locks for doors FR EI30 SR:

- series Signature or series Classic by VingCard,
- series LE8P + handle with access control series XS4 by Salto,
- series LOB 5500 Adel, series LOB 8005, series LOB 8002, by ASSA ABLOY Opening Solutions Poland S.A.;
- series HDL MF 20, series HDL MF 20 N, series HDL MF 65 by Hartmann Tresore,
- series Be-Tech 6536M-65A, series Be-Tech Guardian RFID Elegant, series Be-Tech G1 by Guangdong BeTech Security Systems Co. LTD,
- series Ilco 790 RFID, series Saflok RT, series Saflok Quantum RFID by Dormakaba,
- series Trillium, series Advance, by Onity,

*standard colour of wooden leaves and door frames- white 9003.

extra charge to the basic white colour (RAL 9003)
acc. to colour groups RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77

DOOR DIMENSIONS

Fixed or adjustable wooden door frame:
1012x2075 mm
single-leaf door:
width „60“ - „100“ - 712 - 1112 mm, max. height 2175 mm

INVESTMENT WIDTH

Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) 1072x2075 mm.

DOOR LEAF FINISH

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil.
Decorations made of decorative profile strips, aluminium decors are available.

DOOR FRAME

Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.
Fixed pine wood frame – optionally provided with a masking strips or a shoe moulding.

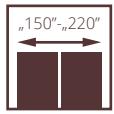
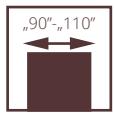
Adjustable wooden frame with widening panels, architraves and a masking strip.

ACCESSORIES AND EQUIPMENT

Standard equipment FR EI30:
- 3 hinges OBX type by ECO SCHULTE
- mortise lock with a cylinder insert
- 2 drop down seals

Additional equipment:

- decorations, stainless steel panels, aluminium decors
- electromotive lock EL560/EL561
- coded mortise locks (hotel locks)
- surface-mounted or concealed door closer
- additional mortise locks
- electric strikes in NC and NO versions
- reed switch
- electromagnetic lock
- electromagnetic door holder
- panic exit bar with surface-mounted or mortise lock
- width „100“ **+10%**
- height 2175 mm **+10%**



FR EI30 door, fixed wooden frame

FIRE-RATED EXIT DOOR

FR EI30 SR32 door
(single-leaf and double leaf door with wooden frame, full or glazed)

- Fire resistance - EI₂30
 - acoustic insulation : class D₁ – 30, D₂ – 25, class Rw=32 dB
 - 3 mechanical class acc. to PN-EN 1192:2001 standard
 - National Technical Assessment ITB-KOT-2020/1370 edition1
 - National Certificate of Constancy of Performance No. 020-UWB-1937/W
- EI30 Plus Door Halspan System**
(single-leaf and double leaf door with wooden frame, full or glazed)
- Fire resistance - EI₂30
 - acoustic insulation :
 - single-leaf door
 - class D₁ – 30, D₂ – 25, class Rw=32 dB
 - double leaf door class D₁ – 25, D₂ – 25, class Rw=27 dB
 - 3 mechanical class acc. to PN-EN 1192:2001 standard
 - National Technical Assessment ITB-KOT-2018/0407 edition1
 - National Certificate of Constancy of Performance No. 020-UWB-1937/W

EI60 Door Plus Halspan System
(single-leaf and double leaf door with metal frame, full or glazed)

- Fire resistance - EI₂60
- acoustic insulation
- single-leaf door
 - class D1 – 30, D2 – 25, class Rw=32 dB
 - double leaf door class D1 – 25, D2 – 25, class Rw=32 dB
- 3 mechanical class acc. to PN-EN 1192:2001 standard
- National Technical Assessment ITB-KOT-2018/0407 edition1
- National Certificate of Constancy of Performance No. 020-UWB-2695/W



fire-rated FR EI30 door, fixed wooden frame

See more inspirations



**PRICE OF FIRE-RATED POL-SKONE SYSTEM EXIT DOOR =
PRICE OF FIRE-RATED POL-SKONE SYSTEM DOOR
+ PRICE OF PANIC HARDWARE DORMAKABA PHA 2000 (P. 81)
+ PRICE OF OBX POCKET HINGES (P. 83)**

**PRICE OF FIRE-RATED EXIT DOOR EI30 PLUS, EI60 PLUS =
PRICE OF FIRE-RATED DOOR EI30 PLUS, EI60 PLUS
+ PRICE OF PANIC HARDWARE DORMAKABA PHA 2000 (P. 81)**

INVESTMENT WIDTH

Door width 90 plus allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°.

DOOR DIMENSIONS

Door FR EI30 SR32, rebated system
single-leaf door:
width „90” - „100” - 1012 - 1112 mm, max. height 2175 mm
Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) width 1032 mm.
double leaf door:
width „90+60” - „100+100” - 1653 - 2153 mm, max. height 2175 mm.

Door EI30 Plus system Halspan, rebated system
fixed metal frame
single-leaf door:
width „90” - „110” - 1004 - 1204 mm, max. height 2271 mm.
Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) width 1024 mm.
double leaf door:
width „90+60” - „110+110” - 1642 - 2342 mm, max. height 2271 mm.
adjustable metal door frame
single-leaf door:
width „90” - „110” - 1024 - 1224 mm, max. height 2281 mm.
Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) width 1044 mm.
double leaf door:
width „90+60” - „110+110” - 1662 - 2362 mm, max. height 2281 mm.

Door EI60 Plus system Halspan, rebated system
fixed metal door frame.
single-leaf door:
width „90” - „110” - 1004-1204 mm, max. height 2271 mm.
Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) width 1024 mm.
double leaf full door:
width „90+60” - „110+110” - 1642-2342 mm, max. height 2271 mm.
glazed double leaf door: „90+60” - „100+100” - 1642-2142 mm, max. height 2271 mm.
adjustable metal door frame.
single-leaf door:
width „90” - „110” - 1024-1224 mm, max. height 2281 mm.
Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) width 1044 mm.
double leaf full door:
width „90+60” - „110+110” - 1662 - 2362 mm, max. height 2281 mm.
glazed double leaf door: „90+60” - „100+100” - 1662-2162 mm, max. height 2281 mm.

DOOR LEAF FINISH lain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil. Decorations made of decorative profile strips, aluminium decors are available.

GLAZING Transparent glass with fire resistance EI60. Painted, veneered pine frame or cover of a foil matching to the colour of the door leaf.

DOOR FRAME Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.

Adjustable wooden frame with widening panels, architraves and a masking strip

Fixed pine wood frame – optionally provided with masking strips or a shoe moulding.

Fixed or adjustable metal door frame EI30 PLUS or EI60 PLUS

ACCESSORIES AND EQUIPMENT **Standard equipment FR EI30 SR32:**
- 3 hinges pocket type OBX by ECO SCHULTE
- panic hardware PHA 2000 by Dormakaba (p. 83)
- drop down seal

- single-leaf door – panic hardware PHA 2000 by Dormakaba or panic bar with mortise lock PHA 2500 by Dormakaba;
- double leaf door – panic hardware PHA 2000 by Dormakaba;
- drop down seal

Standard equipment: EI30 Plus system Halspan:

- 3 or 4 pivot hinges adjustable in 3 planes EXACTA 495 Ø16 by OTLAV;
- single-leaf door – panic hardware PHA 2000 by Dormakaba or panic bar with mortise lock PHA 2500 by Dormakaba;
- double leaf door – panic hardware PHA 2000 by Dormakaba;
- drop down seal

Additional equipment:

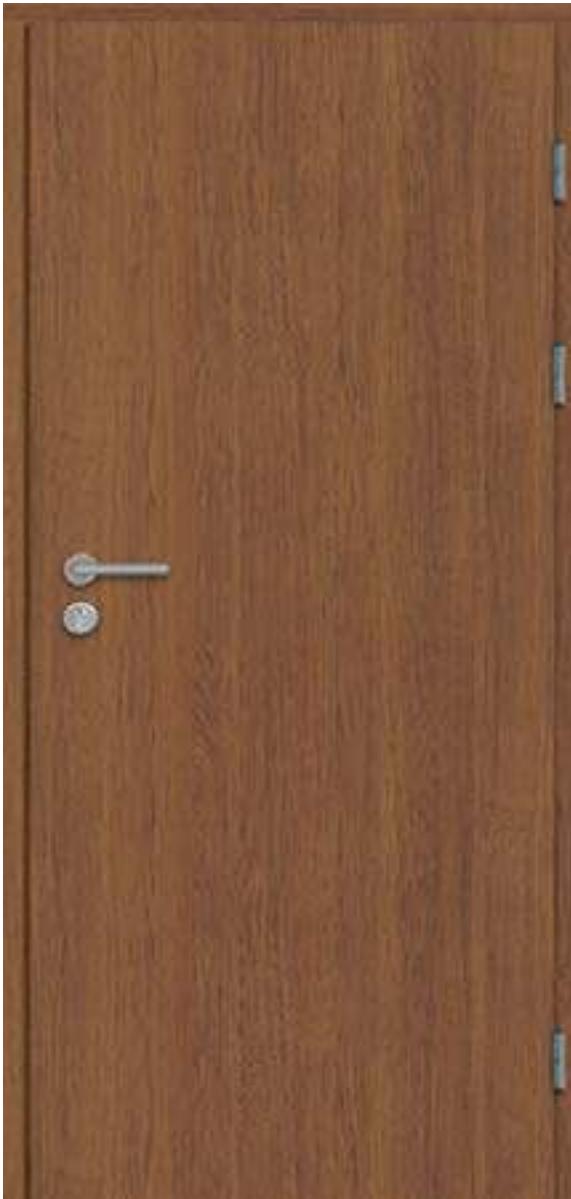
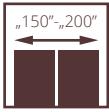
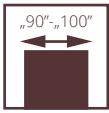
Door FR EI30 SR32
- aluminum decors, surface-mounted door closer, reed switch

Door EI30 Plus system Halspan
- aluminum decors, surface-mounted door closer

Door EI60 Plus system Halspan
- aluminum decors, surface-mounted door closer

Standard equipment EI60 Plus system Halspan:

- 4 pivot hinges adjustable in 3 planes EXACTA 495 Ø16 by OTLAV;



G46 door, fixed wooden door frame

NEW

INTERIOR DOORS REINFORCED **G46**

Doors intended for investments adapted for concealed door closer (single leaf doors), electric door closer with cable pass and semi-automatic cantrails cooperating with door closers equipped with closing sequence regulation (double leaf doors).

Door leaf in rebated system. The construction of the leaf is a stile of coniferous wood covered with HDF plates on both sides. The filling is a full or perforated chipboard. **Rated thickness of the leaf is 46 mm.**



G46 door, fixed wooden door frame

See more inspirations



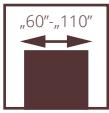
G46 door, fixed wooden door frame

**PRICE OD SINGLE-LEAF REINFORCED INTERIOR DOOR G46 =
PRICE OF FULL LEAF REBATED SYSTEM +
IN-FILL OF PERFORATED CHIPBOARD + PRICE OF DOOR FRAME+ 10%**

**PRICE OD DOUBLE LEAF REINFORCED INTERIOR DOOR G46 =
2 X PRICE OF FULL LEAF REBATED SYSTEM
+ IN-FILL OF PERFORATED CHIPBOARD + PRICE OF DOOR FRAME FOR DOUBLE LEAF DOOR + 10%**

**WHEN USING CONCEALED OR SURFACE MOUNTED DOOR CLOSERS IT IS NECESSARY TO
ORDER 4 HINGES FOR „90“-“100“ WIDTH.**

DOOR DIMENSIONS	G46 door, single leaf door fixed wooden door frame: „100“ - max. width 1089, max. height 2264 mm adjustable DIN frame: „100“ - max. width 1046, max. height 2243 mm fixed metal door frame FD12: „100“ - max. width 1097, max. height 2268 mm adjustable metal frame: „100“ - max. width 1117, max. height 2278 mm	G46 door, double leaf door fixed wooden door frame: „100“+„100“ - max. width 2123, max. height 2264 mm adjustable DIN frame: „100“+„100“ - max. width 2080, max. height 2243 mm fixed metal frame FD12: „100“+„100“ - max. width 2131, max. height 2268 mm adjustable metal frame: „100“+„100“ - max. width 2150, max. height 2278 mm
DOOR LEAF FINISH	Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil. Flat decors, made of decorative profiled strips, aluminium decors available (after consultation with the Sales Department).	
DOOR FRAME	Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf. Fixed pine wood frame – optionally provided with masking strips or a shoe moulding	Fixed metal frame FD12 made of 1.5 mm thick steel sheet with rebate seal. Adjustable made of 1.5 mm steel sheet. The frames are powder coated as standard in white (RAL 9016 and RAL 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black (RAL 9005). It is possible to paint the door frames in non-standard RAL or NCS colours after consultation with the Sales Department.
ACCESSORIES AND EQUIPMENT	Standard equipment: door with a wooden frame - 3 pivot hinges type C regulated in 3 planes - mortise sash lock for patent cylinder or key adjustable DIN door frame - 3 pivot hinges regulated type K or optionally 3 three-piece hinges type T - mortise sash lock for patent cylinder or key door with metal frame FD12 - 3 three-piece hinges type T - mortise sash lock for patent cylinder or key	Additional equipment: - concealed door closer Dormakaba ITS 96 2-4 or Geze Boxer 2-4, - surface-mounted door closer - additional mortise or surface lock - electromagnetic lock - drop down seal - 209 /257,07 - reinforcement for door closer - 30 /36,90 - in-fill of solid chipboard- 130 /159,9 Additionally for double leaf doors - electric strikes in NC and NO versions with cable entry - semi-automatic cantibars - surface mounted door closers with closing sequence control



door FR EI30 SR42 DM, fixed wooden door frame

POL-SKONE FIRE-RATED

FR EI30 SR42

Pol-Skone System
without sidelights/toplights

NOTE! In order to meet the fire resistance conditions, the door should be provided with the automatic door closer conforming to the requirements of the PN-EN 1154:1999/A1:2004/AC:2010 standard, door handles conforming to the requirements of the PN-EN 1906:2012 standard (min. class B to the extent related to fire resistance) and drum cylinders conforming to the requirements of the PN-EN 1303:2007+AC:2008 standards (class 1 to the extent related to fire resistance).

Door are designed for use as interior entrance door in residential buildings, collective residence, public utility and industrial, constitute according to the terminology in the PN-B-91000:1996 standard, closing openings in internal walls, between the staircase or corridor and rooms.

Rebated system door leaf. The door leaf structure consists of a stile of softwood covered with HDF boards on the both sides. The in-fill is made of a special POL-SKONE structure.

- Fire resistance **EI₃₀ (FR EI30 SR42 DM)**
- Fire resistance **EI₃₀ (FR EI30 SR42)**
- Smoke protection - class **S_a, S₂₀₀ (FR EI30 SR42 DM)**
- acoustic insulation:
class D₁ – 40, D₂ – 35, class Rw=42 dB
- 3 mechanical class acc. to standard PN-EN 1192:2001
- National Technical Assessment ITB-KOT-2020/1370 edition 1
- National Certificate of Constancy of Performance nr 020-UWB-1937/W



fire-reted door FR EI30 SR 42 DM, fixed wooden door frame

See more inspirations



FR EI30 SR42



VERSION	FR EI 30 SR 42	FR EI 30 SR 42 DM
ECO TOP	2588 /3183,24	2588 /3183,24
LAMINATED CPL 0,2	2882 /3544,86	2882 /3544,86
LAMINATED CPL 0,5	3058 /3761,34	3058 /3761,34
UNI MAT PLUS	2671 /3285,33	2671 /3285,33
HIGH TOP	2765 /3400,95	2765 /3400,95
LAMISTONE	2765 /3400,95	2765 /3400,95
SILKSTONE	2765 /3400,95	2765 /3400,95
SILKSTONE 0,5	3147 /3870,81	3147 /3870,81
PAINTED RAL 9003)*	3284 /4039,32	3284 /4039,32
PAINTED (RAL 9005)	3508 /4314,84	3508 /4314,84
VENEERED GROUP A	3134 /3854,82	3134 /3854,82
VENEERED GROUP B	3259 /4008,57	3259 /4008,57
VENEERED GROUP C	3382 /4159,86	3382 /4159,86

*standard colour of wooden leaves and door frames- white RAL 9003.

extra charge to the basic white colour (RAL 9003) acc. to colour groups RAL, NCS (p 92)

Group I	Group II	Group III
399 /490,77	499 /613,77	599 /736,77
Group IV		Group V
699 /859,77		799 /982,77

Exemplary hotel locks for doors FR EI30 SR 42 DM:

- series Signature or series Classic by VingCard,
- series LE8P + handle with access control series XS4 by Salto,
- series LOB 5500 Adel, series LOB 8005, series LOB 8002 by ASSA ABLOY Opening Solutions Poland S.A.;
- series HDL MF 20, series HDL MF 20 N, series HDL MF 65 by Hartmann Tresore,
- series Be-Tech 6536M-65A, series Be-Tech Guardian RFID Elegant, series Be-Tech G1 by Guangdong BeTech Security Systems Co. LTD,
- series Ilco 790 RFID, series Saflok RT, series Saflok Quantum RFID by Dormakaba,
- series Trillium, series Advance b-y Onity,

FR EI 30 SR 42 DM DOORS HAVE A SMOKE-PROOF PARAMETER AS STANDARD S_a, S₂₀₀

Door FR EI30 SR 42 DM
Fixed or adjustable wooden frame
1012x2075 mm
max. width „100“ - 1112 mm, max. height 2175 mm

Door FR EI30 SR 42
Fixed or adjustable wooden frame
1012x2075 mm
max. width „110“ - 1212 mm, max. height 2275 mm

DOOR DIMENSIONS

INVESTMENT WIDTH
Width 90 Plus - 1032 mm.
Door width 1032 mm allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°.

INVESTMENT WIDTH
Width 90 Plus - 1032 mm.
Door width 1032 mm allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°.

DOOR LEAF Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil. Decorations made of decorative profile strips, aluminium decors are available.

DOOR FRAME Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.
Fixed pine wood frame – optionally provided with masking strips or a shoe moulding.

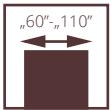
ACCESSORIES AND EQUIPMENT **Standard equipment FR EI30 SR42 DM:**
- 2 pocket hinges OBX type by ECO SCHULTE
- mortise lock with a patent insert
- 2 drop down seals

Additional equipment FR EI30 SR42 DM:
- decorations, stainless steel panels, aluminium decors
- electromechanical lock EL560/EL561
- coded mortise locks (hotel locks)
- surface-mounted or concealed door closer
- additional mortise locks
- electric strikes in NC and NO versions
- reed switch
- electromagnetic lock

Standard equipment FR EI30 SR42:
- pocket hinges OBX type by ECO SCHULTE
- leaf width „60“, „100“ - 2 hinges
- leaf width „110“ - 3 hinges
- mortise lock with a patent insert
- 2 drop down seals

- electromechanical door holder
- panic exit bar with surface-mounted or mortise lock
- width „100“ - 1112 **+10%**
- height 2175 mm **+10%**

Additional equipment FR EI30 SR42:
- surface door closer TS 5000 by GEZE
- width „100“ - 1112 mm **+10%**
- width „110“ - 1212 mm **+20%**
- height 2175 mm **+10%**
- height 2275 mm **+20%**



FIRE-RATED POL-SKONE REBATED EI30 PLUS HALSPAN SYSTEM

NOTE! In order to meet the fire resistance conditions, the door should be provided with the automatic door closer conforming to the requirements of the PN-EN 1154:1999/A1:2004/AC:2010 standard, door handle conforming to the requirements of the PN-EN 1906:2012 standard and drum cylinders conforming to the requirements of the PN-EN 1303:2007+AC:2008 standard.

Door fire-rated rebated EI30 Plus Halspan system with a metal frame equipped with panic fittings PHA 2000 or PHA 2500 and hinges EXACTA 495 16 mm conforming to the requirements of the PN-EN 1125:2009 standard in terms of ability for release and can be used on emergency routes and exits.

Rebated system door leaf. Door frame wooden or metal (fixed or adjustable). The door leaf structure consists of a multilayer chipboard with softwood label, topped with HDF boards on both sides. The rated door leaf thickness is: 50 mm.

Fire resistance EI230

- acoustic insulation:
 - single leaf:
class D1 – 30, D2 – 25, class $Rw=32$ dB
 - double leaf:
class D1 – 25, D2 – 25, class $Rw=27$ dB
- 3 mechanical class acc. to standard PN-EN 1192:2001
- Smoke protection class Sa, S200 (option)
- National Technical Assessment ITB-KOT-2018/0407 edition 1
- National Certificate of Constancy of Performance No. 020-UWB-2695/W

EI30 PLUS door, fixez wooden door frame



See more inspirations



EI30 PLUS double leaf door, adjustable wooden door frame



VERSION	pełne	szkliste	full/full	glazed/glazed	full/glazed
ECO TOP	1795 /2207,85	3842 /4725,66	3711 /4564,53	6753 /8306,19	5356 /6587,88
LAMINATED CPL	1995 /2453,85	4017 /4940,91	4014 /4937,22	7082 /8710,86	5623 /6916,29
UNI MAT PLUS	1877 /2308,71	3922 /4824,06	3875 /4766,25	6917 /8507,91	5518 /6787,14
HIGH TOP	1995 /2453,85	4017 /4940,91	4014 /4937,22	7082 /8710,86	5623 /6916,29
LAMISTONE	1995 /2453,85	4017 /4940,91	4014 /4937,22	7082 /8710,86	5623 /6916,29
SILKSTONE	1995 /2453,85	4017 /4940,91	4014 /4937,22	7082 /8710,86	5623 /6916,29
PAINTED (RAL 9003)*	2342 /2880,66	4597 /5654,31	4613 /5673,99	8247 /10143,81	6429 /7907,67
VENEERED GROUP A	2277 /2800,71	4387 /5396,01	4487 /5519,01	8022 /9867,06	6137 /7548,51
VENEERED GROUP B	2393 /2943,39	4619 /5681,37	4712 /5795,76	8423 /10360,29	6444 /7926,12
VENEERED GROUP C	2510 /3087,3	4833 /5944,59	4948 /6086,04	8844 /10878,12	6764 /8319,72

Smoke protection - extra charge : single-leaf **100**/123; double-leaf **200**/246

doors in full or full/glazed version (wider glazed leaf, narrower full leaf)

EXTRA CHARGES FOR A NON-STANDARD FIRE RETED DOOR DIMENSIONS

	standard width	non-standard width „100”	non-standard width „110”
standard height	-	extra charge 10% *	extra charge 20% *
non-standard height up to 2200 mm	extra charge 10% *	extra charge 20% *	extra charge 30% *
non-standard height up to 2300 mm	extra charge 20% *	extra charge 30% *	extra charge 40% *
non-standard height up to 2400 mm	extra charge 30% *	extra charge 40% *	extra charge 50% *
non-standard height up to 2500 mm	extra charge 40% *	extra charge 50% *	extra charge 60% *

*extra charge to door (door leaf+door frame)

* standard colour of wooden leaves and door frames- white 9003.

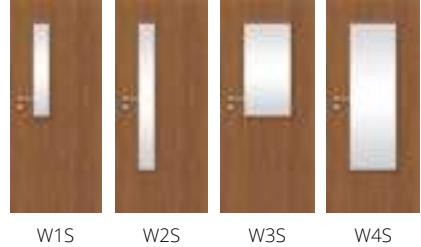
The colours of metal frames (p. 63)

extra charge to the basic white colour (RAL 9003)
acc. to colour groups RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77

DOOR DIMENSIONS

fixed or adjustable wooden door frame:
rebated system:
single-leaf door:
max. width „110” – 1212 mm, max. height 2500 mm
Version 90 Plus s (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) 1032x2075 mm
double leaf door:
max. width „110+110” – 2352 mm, max. height 2500 mm
fixed metal door frame:
rebated system:
single-leaf door:
max. width „110” – 1204 mm, max. height 2271 mm
Version 90 Plus s (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) 1024x2071 mm

OPTIONAL GLAZING VERSIONS**DOOR LEAF FINISH**

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil. Flat decors, made of decorative mouldings, aluminium decors available.

GLAZING

Transparent glass with the EI30 fire resistance. Pine wood frame painted, veneered or covered with a foil matching the colour of the door leaf. Available glazing type of porthole with a steel frame Ø320 mm (on the outside of the frame).

DOOR FRAME

Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.

Fixed pine wood frame optionally provided with a masking strips or a shoe moulding.**Adjustable wooden frame** with widening panels, architraves and a masking strip**Fixed metal door frame** made of 1.5 mm thick steel sheet available in standard powder coatings in the following colours: white (RAL 9016 and RAL 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black(RAL 9005).**ACCESSORIES AND EQUIPMENT****Standard equipment:**

- (door with a wooden or metal door frame)
- 3 or 4 pivot hinges adjustable in 3 planes by OTLAV
- mortise lock with a patent insert
- drop down seal

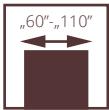
Adjustable metal frame made of 1.5 mm thick steel sheet available in standard powder coatings in the following colours: white (RAL 9016 and RAL 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black (RAL 9005).

Metal door frames painted in non-standard RAL or NCS colours are available (after consultation with the Sales Department). Door frame consists of the main part and an architraves inserted into the main part.

Additional equipment:

- aluminum decors - p 55
- decorations - p. 43
- surface-mounted or concealed door closer, panic locks, panic bars, electric door strikes, electromagnetic locks, reed switch, extra lock – p. 80-84.

It is possible to have the milling cut in the leaf to accommodate a (electronic) hotel lock after consultation with the Sales Department..



FIRE-RATED POL-SKONE NON-REBATED **EI30 PLUS** HALSPAN SYSTEM

NOTE! In order to meet the fire resistance conditions the door should be provided with the automatic door closer conforming to the requirements of the PN-EN 1154:1999/A1:2004/AC:2010 standard, door handles conforming to the requirements of the PN-EN 1906:2012 standard and drum inserts conforming to the requirements of the PN-EN 1303:2007+AC:2008 standard.

Door leaf in non-rebated system, wooden and metal door frame (fixed or adjustable). The door leaf is made of multilayer chipboard with a coniferous wood film topped with HDF boards on the both sides. The rated door leaf thickness is 50 mm

- Fire resistance EI230
- acoustic insulation:
 - single-leaf:
class D1 – 30, D2 – 25, class Rw=32 dB
 - double-leaf:
class D1 – 25, D2 – 25, class Rw=27 dB
- 3 mechanical class acc. to standard PN-EN 1192:2001
- Smoke protection class Sa, S200 (option)
- National Technical Assessment ITB-KOT-2018/0407 edition 1
- National Certificate of Constancy of Performance No. 020-UWB-2695/W

EI30 PLUS door, fixed wooden door frame



See more inspirations



EI30 PLUS door, single-leaf, fixed wooden door frame

EI30 PLUS



VERSION	full	glazed	full/full	glazed/glazed	full/glazed
ECO TOP	2528 /3109,44	4539 /5582,97	5173 /6362,79	8078 /9935,94	6841 /8414,43
LAMINATED CPL	2720 /3345,6	4709 /5792,07	5464 /6720,72	8392 /10322,16	7094 /8725,62
UNI MAT PLUS	2610 /3210,3	4619 /5681,37	5334 /6560,82	8239 /10133,97	7003 /8613,69
HIGH TOP	2720 /3345,6	4709 /5792,07	5464 /6720,72	8392 /10322,16	7094 /8725,62
LAMISTONE	2720 /3345,6	4709 /5792,07	5464 /6720,72	8392 /10322,16	7094 /8725,62
SILKSTONE	2720 /3345,6	4709 /5792,07	5464 /6720,72	8392 /10322,16	7094 /8725,62
PAINTED (RAL 9003)*	3175 /3905,25	5354 /6585,42	6281 /7725,63	9816 /12073,68	8049 /9900,27
VENEERED GROUP A	3031 /3728,13	5110 /6285,3	5997 /7376,31	9370 /11525,1	7684 /9451,32
VENEERED GROUP B	3142 /3864,66	5321 /6544,83	6210 /7638,3	9753 /11996,19	7982 /9817,86
VENEERED GROUP C	3252 /3999,96	5543 /6817,89	6438 /7918,74	10156 /12491,88	8293 /10200,39

smoke protection - extra charge: single-leaf **100**/123; double-leaf **200**/246

door version full or full/glazed (wider glazed door leaf, narrower full door leaf)

EXTRA CHARGE FOR A NON-STANDARD DOOR DIMENSIONS FIRE-RATED

	standard width	non-standard width „100”	non-standard width „110”
standard height	-	extra charge 10% *	extra charge 20% *
non-standard height up to 2200 mm	extra charge 10% *	extra charge 20% *	extra charge 30% *
non-standard height up to 2300 mm	extra charge 20% *	extra charge 30% *	extra charge 40% *
non-standard height up to 2400 mm	extra charge 30% *	extra charge 40% *	extra charge 50% *
non-standard height up to 2500 mm	extra charge 40% *	extra charge 50% *	extra charge 60% *

*extra charge do drzwi (leaf+frame)

*standard colour of wooden leaves and door frames- white RAL 9003.

The colours of metal frames (p 63)

extra charge to the basic white colour (RAL 9003)

acc. to colour groups RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77

DOOR DIMENSIONS

Fixed or adjustable wooden door frame
Non-rebated system:
Single leaf door:
max. width „110” – 1212 mm, max. height 2500 mm
Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) 1072x2075 mm
Double leaf door:
max. width „110+110” – 2330 mm, max. height 2500 mm

Fixed metal door frame:
Non-rebated system:
Single-leaf door:
max. width „110” – 1224 mm, max. height 2281 mm
Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) 1084x2081 mm
Double leaf door:
max. width „110+110” – 2340 mm, max. height 2281 mm

OPTIONAL GLAZING VERSIONS



DOOR LEAF FINISH

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil.
Flat decors, made of decorative mouldings, aluminium decors available

GLAZING

Transparent glass with fire resistance EI30. Painted, veneered pine frame or covered with foil in to colour matching with a colour of the door leaf. Available glazing type porthole with a steel frame Ø320 mm (on the outside of the frame).

DOOR FRAME

Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.

Fixed pine wood frame – optionally provided with masking strips or a shoe moulding.

Adjustable wooden frame with widening panels, architraves and a masking strip.

Fixed metal door frame made of 1.5 mm thick steel sheet available in standard powder coatings in the following colours: white (RAL 9016 and RAL 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black(RAL 9005).

Adjustable metal frame made of 1.5 mm thick steel sheet available in standard powder coatings in the following colours: white (RAL 9016 and RAL 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black(RAL 9005).

Metal door frames painted in non-standard RAL or NCS colours are available (after consultation with the Sales Department). Door frame consists of the main part and the architrave inserted into the main part.

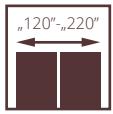
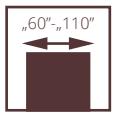
ACCESSORIES AND EQUIPMENT

Standard equipment:
(door with a wooden or metal door frame)
- 3 pocket hinges type OBX by ECO SCHULTE or or concealed hinges TECTUS by Simonswerk (option at extra charge)
- mortise lock with a patent insert
- drop down seal

Additional equipment:

- aluminum decors - p 55
- decorations - p. 43
- surface-mounted or concealed door closer, panic locks, panic bars, electric door strikes, electromagnetic locks, reed switch, extra lock – p. 80-84.

It is possible to have the milling cut in the leaf to accommodate a (electronic) hotel lock after consultation with the Sales Department.



FIRE-RATED POL-SKONE REBATED **EI60 PLUS** HALSPAN SYSTEM

NOTE! In order to meet the fire resistance conditions to the door should be provided with the automatic door closer conforming to the requirements of the PN-EN 1154:1999/A1:2004/AC:2010 standard, door handles conforming to the requirements of the PN-EN 1906:2012 standard and drum cylinders conforming to the requirements of the PN-EN 1303:2007+AC:2008 standard.

Door fire-rated rebated EI60 Plus Halspan system with a metal door frame equipped with panic fittings PHA 2000 or PHA 2500 and hinges EXACTA 495 16 mm conforming to the requirements PN-EN 1125:2009 standard in terms of ability to release and can be used on emergency routes and exits.

Door leaf rebated system. The door leaf structure consists of a multilayer chipboard with a coniferous wood film, topped with HDF boards on the both sides. The rated door leaf thickness is 60 mm.

- Fire resistance **EI₂60**
- acoustic insulation:
- single-leaf:
class D1 – 30, D2 – 25, class **Rw=32 dB**
- double-leaf:
class D1 – 25, D2 – 25, class **Rw=32 dB**
- 3 mechanical class acc. to standard PN-EN 1192:2001
- Smoke protection class **S_a, S₂₀₀ (option)**
- National Technical Assessment ITB-KOT-2018/0407 edition 1
- National Certificate of Constancy of Performance No. 020-UWB-2695/W

EI60 PLUS door, fixed wooden door frame



See more inspirations



EI60 PLUS door, adjustable wooden door frame

EI60 PLUS



VERSION	full	glazed	full/full	glazed/glazed	pełne/szkłone
ECO TOP	2415 /2970,45	4586 /5640,78	4120 /5067,60	7863 /9671,49	6079 /7477,17
LAMINATED CPL	2646 /3254,58	4817 /5924,91	4450 /5473,50	8294 /10201,62	6535 /8038,05
UNI MAT PLUS	2495 /3068,85	4667 /5740,41	4285 /5270,55	8036 /9884,28	6252 /7689,96
HIGH TOP	2530 /3111,90	4702 /5783,46	4273 /5255,79	8109 /9974,07	6289 /7735,47
LAMISTONE	2530 /3111,90	4702 /5783,46	4273 /5255,79	8109 /9974,07	6289 /7735,47
SILKSTONE	2530 /3111,90	4702 /5783,46	4273 /5255,79	8109 /9974,07	6289 /7735,47
PAINTED (RAL 9003)*	3075 /3782,25	5553 /6830,19	5108 /6282,84	9298 /11436,54	7320 /9003,60
VENEERED GROUP A	2935 /3610,05	5300 /6519,00	4968 /6110,64	9045 /11125,35	7120 /8757,60
VENEERED GROUP B	3118 /3835,14	5530 /6801,90	5216 /6415,68	9497 /11681,31	7469 /9186,87
VENEERED GROUP C	3263 /4013,49	5797 /7130,31	5476 /6735,48	9974 /12268,02	7843 /9646,89

s smoke protection - extra charge: single-leaf **100**/123; double-leaf **200**/246

door version full or full/glazed (wider glazed door leaf, narrower full door leaf)

EXTRA CHARGE FOR A NON-STANDARD DOOR DIMENSIONS FIRE-RATED

	standard width	non-standard width „100”	non-standard width „110”
standard height	-	extra charge 10% *	extra charge 20% *
nietylowa height do 2200 mm	extra charge 10% *	extra charge 20% *	extra charge 30% *
nietylowa height do 2300 mm	extra charge 20% *	extra charge 30% *	extra charge 40% *
nietylowa height do 2400 mm	extra charge 30% *	extra charge 40% *	extra charge 50% *
nietylowa height do 2500 mm	extra charge 40% *	extra charge 50% *	extra charge 60% *

*extra charge to door (door leaf+door frame)

* standard colour of wooden leaves and door frames- white RAL 9003.

The colours of metal frames (p. 63)

extra charge to the basic white colour (RAL 9003)

acc. to colour groups RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77

DOOR DIMENSIONS

NOTE: NEW PROFILE OF FIXED AND ADJUSTABLE WOOD FRAME 120 x 55 mm

Fixed door frame wooden or adjustable:

Rebated system

Single-leaf door:

max. width „110” – 1212 mm, max. height 2500 mm

Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) 1032x2075 mm

Double-leaf door full:

max. width „110+110” – 2352 mm, max. height 2500 mm

Double leaf door glazed:

max. width „100+100” – 2152 mm, max. height 2350 mm

Fixed metal door frame:

Rebated system

Single-leaf door:

max. width „110” – 1204 mm, max. height 2271 mm

Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) 1024x2071 mm

Double-leaf door full:

max. width „110+110” – 2342 mm, max. height 2271 mm

Double leaf door glazed:

max. width „100+100” – 2142 mm, max. height 2271 mm

DOOR LEAF FINISH

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil. Flat decors, made of decorative mouldings, aluminium decors available

GLAZING

Transparent glass with fire resistance EI60. Painted pine frame, veneered or covered with foil matching to colour of the door leaf. Available porthole-type glazing with a steel frame Ø320 mm (on the outside of the frame).

DOOR FRAME

Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.

Fixed pine wood frame – optionally provided with masking strips or a shoe moulding.

Adjustable wooden frame with widening panels, architraves and a masking strip.

Fixed metal door frame made of 1.5 mm thick steel sheet available in standard powder coatings in the following colours: white (RAL 9016 and RAL 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black(RAL 9005).

ACCESSORIES AND EQUIPMENT

Standard equipment:

(door with a wooden or metal door frame)

- 4 pivot hinges adjustable in 3 planes by OTLAV
- mortise lock with a patent insert
- drop down seal

Additional equipment:

- aluminum decors - p 55

OPTIONAL GLAZING VERSIONS



DOOR LEAF TO METAL DOOR FRAME p. 78

METAL DOOR FRAME p. 72,74

Adjustable metal door frame:

Rebated system

Single-leaf door:

max. width „110” – 1224 mm, max. height 2281 mm

Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) 1044x2081 mm

Double leaf door full:

max. width „110+110” – 2362 mm, max. height 2281 mm

Double-leaf door glazed:

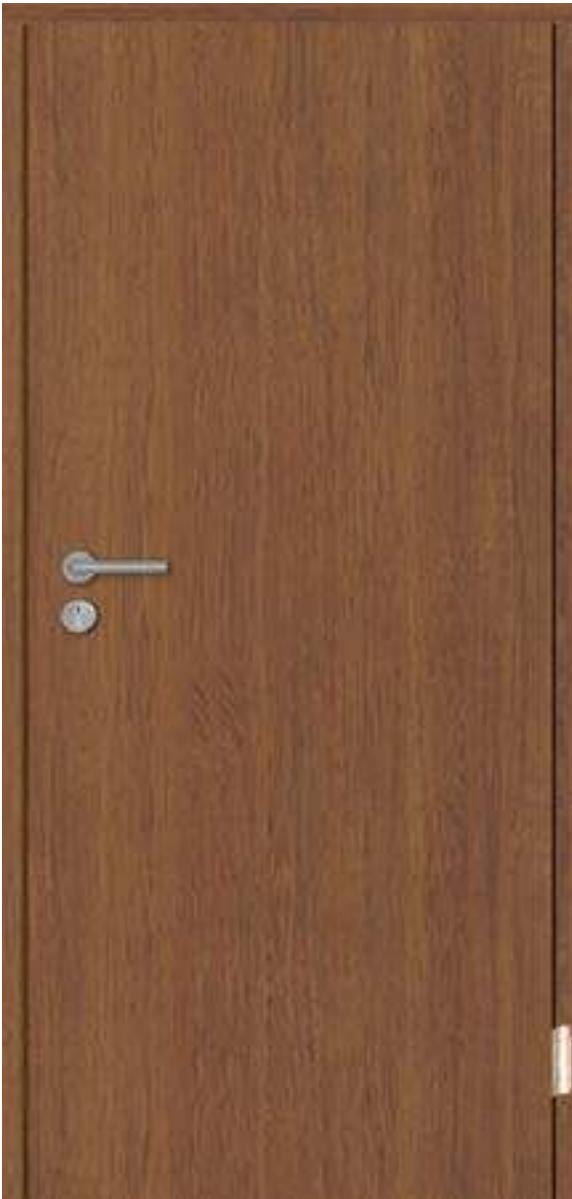
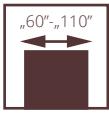
max. width „100+100” – 2162 mm, max. height 2281 mm

INVESTMENT WIDTH

Door width 90 plus allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°.

Door frame consists of the main part and architrave inserted into the main part..

It is possible to have the milling cut in the leaf to accommodate a (electronic) hotel lock after consultation with the Sales Department.



FIRE-RATED POL-SKONE NON-REBATED **EI60 PLUS** HALSPAN SYSTEM

NOTE! In order to meet the fire resistance conditions to the door should be provided with the automatic door closer conforming to the requirements of the PN-EN 1154:1999/A1:2004/AC:2010 standard, door handles conforming to the requirements of the PN-EN 1906:2012 standard and drum cylinders conforming to the requirements of the PN-EN 1303:2007+AC:2008 standard..

Door leaf in non-rebated system. The door leaf structure consists of multilayer chipboard with a coniferous wood film, topped with HDF boards on the both sides. The rated door leaf thickness is: 60 mm.

- Fire resistance EI260
- acoustic insulation:
 - single-leaf:
class D1 – 30, D2 – 25, class $Rw=32$ dB
 - double-leaf:
class D1 – 25, D2 – 25, class $Rw=32$ dB
- 3 mechanical class acc. to standard PN-EN 1192:2001
- Smoke protection class Sa, S200 (option)
- National Technical Assessment ITB-KOT-2018/0407 edition 1
- National Certificate of Constancy of Performance No. 020-UWB-2695/W

EI60 PLUS door, fixed wooden door frame



See more
inspiration-
stiont



EI60 PLUS door, adjustable wooden frame

EI60 PLUS



VERSION	full	glazed	full/full	glazed/glazed	full/glazed
ECO TOP	3142 /3864,66	5274 /6487,02	5614 /6905,22	9359 /11511,57	7608 /9357,84
LAMINATED CPL	3369 /4143,87	5580 /6863,40	5949 /7317,27	9926 /12208,98	8079 /9937,17
UNI MAT PLUS	3221 /3961,83	5353 /6584,19	5775 /7103,25	9528 /11719,44	7777 /9565,71
HIGH TOP	3256 /4004,88	5398 /6639,54	5764 /7089,72	9601 /11809,23	7814 /9611,22
LAMISTONE	3256 /4004,88	5398 /6639,54	5764 /7089,72	9601 /11809,23	7814 /9611,22
SILKSTONE	3256 /4004,88	5398 /6639,54	5764 /7089,72	9601 /11809,23	7814 /9611,22
PAINTED (RAL 9003)*	3931 /4835,13	6300 /7749,00	6925 /8517,75	11279 /13873,17	9259 /11388,57
VENEERED GROUP A	3751 /4613,73	6014 /7397,22	6610 /8130,3	10766 /13242,18	8838 /10870,74
VENEERED GROUP B	3871 /4761,33	6240 /7675,20	6829 /8399,67	11158 /13724,34	9143 /11245,89
VENEERED GROUP C	4025 /4950,75	6514 /8012,22	7095 /8726,85	11627 /14301,21	9510 /11697,30

Smoke protection - extra charge : single-leaf **100**/123; double-leaf **200**/246

door version full or full/glazed (wider glazed door leaf, narrower full door leaf)

EXTRA CHARGE FOR A NON-STANDARD DOOR DIMENSIONS FIRE-RATED

	standard width	non-standard width „100“	non-standard width „110“
standard height	-	extra charge 10% *	extra charge 20% *
non-standard height up to 2200 mm	extra charge 10% *	extra charge 20% *	extra charge 30% *
non-standard height up to 2300 mm	extra charge 20% *	extra charge 30% *	extra charge 40% *
non-standard height up to 2400 mm	extra charge 30% *	extra charge 40% *	extra charge 50% *
non-standard height up to 2500 mm	extra charge 40% *	extra charge 50% *	extra charge 60% *

*extra charge to door (door leaf+door frame)

*standard colour of wooden leaves and door frames- white RAL 9003.

The colours of metal frames (p. 63)

extra charge to the basic white colour(RAL 9003)
acc. to colour groups RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77

DOOR DIMENSIONS

NOTE: NEW PROFILE OF FIXED AND ADJUSTABLE WOOD FRAME 120 x 55 mm

Fixed or adjustable wooden door frame:

Non-rebated system:

Single leaf door:

max. width „110“ – 1212 mm, max. height 2500 mm

Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) 1072x2075 mm

Double leaf door full:

max. width „110+110“ – 2330 mm, max. height 2500 mm

Double leaf door glazed:

max. width „100+100“ – 2130 mm, max. height 2350 mm

Fixed metal door frame:

Non-rebated system:

Single leaf door:

max. width „110“ – 1224 mm, max. height 2281 mm

Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) 1084x2081 mm

Double leaf door full:

max. width „110+110“ – 2340 mm, max. height 2281 mm

Double leaf door glazed:

max. width „100+100“ – 2140 mm, max. height 2281 mm

DOOR LEAF FINISH

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil. Flat decors, made of decorative mouldings, aluminium decors available

GLAZING

Transparent glass with fire resistance EI60. Painted, veneered pine frame or cover of a foil matching to the colour of the door leaf.
Available glazing type u porthole with a steel frame Ø320 mm (on the outside of the frame).

DOOR FRAME

Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.

Fixed pine wood frame – optionally provided with masking strips or a shoe moulding.

Adjustable wooden frame with widening panels, architraves and a masking strip.

Fixed metal door frame made of 1.5 mm thick steel sheet available in standard powder coatings in the following colours: white (RAL 9016 and RAL 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black (RAL 9005).

ACCESSORIES AND EQUIPMENT

Standard equipment:
(door with a wooden or metal door frame)

- 3 pocket hinges OBX type by ECO SCHULTE or concealed hinges TECTUS by Simonswerk (option at extra charge)
main lock with a patent insert
- drop down seal

Additional equipment:

Adjustable metal door frame:

Non-rebated system:

Single leaf door:

max. width „110“ – 1224 mm, max. height 2281 mm

Version 90 Plus (allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°) 1084x2081 mm

Double leaf door full:

max. width „110+110“ – 2340 mm, max. height 2281 mm

Double leaf door glazed:

max. width „100+100“ – 2140 mm, max. height 2281 mm

Non-standard door dimensions available (after consultation with the Sales Department).

INVESTMENT WIDTH

Door width 90 plus allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°.

- aluminum decors - p. 55

- decorations - p. 43

- surface-mounted or concealed door closer, panic locks, panic bars, electric door strikes, electromagnetic locks, reed switch, extra lock - p. 80-84.

It is possible to have the milling cut in the leaf to accommodate a (electronic) hotel lock after consultation with the Sales. Department

OPTIONAL GLAZING VERSIONS



DOOR LEAF TO METAL DOOR FRAME p. 78

METAL DOOR FRAME p. 72,74

SIDELIGHTS/TOPLIGHTS FIRE-RATED

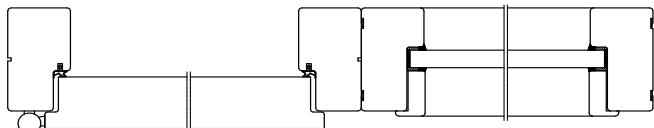


Sidelights/toplights price = price of 1 lm x2 (A+B) + price 1sqm glass x A X B

SIDELIGHTS/TOPLIGHTS

surface	(price of 1 lm)
ECO TOP	314 /386,22
LAMINATED CPL	314 /386,22
HIGH TOP	314 /386,22
LAMISTONE	314 /386,22
SILKSTONE	314 /386,22
PAINTED	372 /457,56
VENEERED GROUP A	361 /444,03
VENEERED GROUP B	361 /444,03
VENEERED GROUP C	380 /467,4

standard: fireproof transparent glass (sqm): **1540**/1894,20



Sidelights and toplights on the fixed door frame profile

- Fire resistance EI30
- fire-resistant transparent glass
- Maximum dimension sidelights 944 mm x 2175 mm
- Maximum dimension toplights 2152 mm x 425 mm
- Minimum dimension of length of one side of the sidelights/toplights 300 mm

Sidelights and toplights are sold acc. to Technical Approval AT-15-8368/2015 standard and only in a set with a fire-rated door FR EI 30 system POL-SKONE. EI30 sidelights/toplights can be used with EI30 PLUS door on individual admission.

0.6 MM-THICK STAINLESS STEEL PROTECTIONS

Vertical protections edges of the door leaf can be used for a door leaf of thickness 40 mm in surface LAMISTONE, SILKSTONE, CPL 0.2; CPL 0.5; CPL 0.7 and painted and veneered.

Leaf edge protectors can be used with metal frames and adjustable frames DIN system in LAMISTONE, SILKSTONE, CPL 0.15, painted and veneered coating with T-type hinges.

In the case of swing doors, the leaf edge protection is applied on the side opposite the hinged side. Not applicable on the frame.

not applicable to acoustic doors Type A/Type A DUO and Type B/Type B DUO



PROTECTION TYPE

Protection set for 40 mm thick leaf with vertical locking side protection and vertical hinge side protection.

474/583,02

ELEMENTS OF DESIGN

The visual aspect is playing an increasingly important role in the architecture of public buildings. It concerns both the body of the building itself and all the elements of its equipment. We offer you the possibility of making technical doors with additional decorative elements: slats of different shapes: aluminium and in leaf colour, grooves in different styles, protecting the edges of the leaf and frame with a stainless steel application, wall panels
Perforated or full in-fill is recommended.



Decoration A



Decoration B

DECORATION A, B (SINGLE SIDE)

	ECO TOP	HIGH TOP	LAMISTONE	SILKSTONE
decoration A	130 /159,90	130 /159,90	130 /159,90	130 /159,90
decoration B	100 /123,00	100 /123,00	100 /123,00	100 /123,00
	PAINTED	VENEERED GROUP A	VENEERED GROUP B	VENEERED GROUP C
decoration A	230 /282,90	230 /282,90	240 /295,20	260 /319,80
decoration B	190 /233,70	190 /233,70	200 /246,00	220 /270,60



Decoration C

DECORATION C (SINGLE SIDE)

PAINTED	VENEERED GROUP A	VENEERED GROUP B	VENEERED GROUP C
500 /615,00	500 /615,00	500 /615,00	500 /615,00



Decoration D



Decoration E

DECORATION D, E (SINGLE SIDE)

	ECO TOP	UNI MAT PLUS	HIGH TOP	LAMISTONE	SILKSTONE
decoration D	150 /184,50	155 /190,65	150 /184,50	160 /196,80	160 /196,80
decoration E	190 /233,70	195 /239,85	190 /233,70	195 /239,85	195 /239,85
	PAINTED	VENEERED GROUP A	VENEERED GROUP B	VENEERED GROUP C	
decoration D	280 /344,40	280 /344,40	290 /356,70	300 /369,00	
decoration E	320 /393,60	320 /393,60	335 /412,05	345 /424,35	

WALL PANELS

Wall panels can be used as a durable wall lining in: offices, conference rooms, habitable spaces or in public utility buildings. The extensive range of available colours helps to pick the right pattern that will fit the room.

1. Wall panels are made of MDF of thickness 16 mm, covered with a decorative coating on both sides.
2. Wall panels are classified as low-flammable acc. to PN-EN 13501-1+A1:2010 standard and made of MDF of thickness 16 mm fire reaction class Bs1 d0, decorative coating on both sides.



zabudowa z panelami sklejonymi

extra charge to the basic white colour (RAL 9003) acc. to colour groups RAL, NCS (p. 92) - **extra charge to single panel (element).**

Group I	Group II	Group III
399 /490,77	499 /613,77	599 /736,77
Group IV	Group V	
699 /859,77	799 /982,77	



NRO WALL PANELS

ECO TOP	SILKSTONE	LAMISTONE	PAINTED	VENEERED GROUP A	VENEERED GROUP B	VENEERED GROUP C
375 /461,25	420 /516,60	395 /485,85	615 /756,45	520 /639,60	570 /701,10	615 /756,45

price per 1 sqm (exact panels dimension available after consultation with the Sales Department)



NRO panels classified as hardly flammable

WALL PANELS

ECO TOP	SILKSTONE	UNI MAT PLUS	LAMISTONE	LAMINAT CPL 0,2 mm	SILKSTONE CPL	PAINTED (RAL 9003)*	VENEERED GROUP A	VENEERED GROUP B	VENEERED GROUP C
295 /362,85	320 /393,60	320 /393,60	320 /393,60	330 /405,90	435 /535,05	549 /675,27	440 /541,20	485 /596,55	535 /658,05

price per 1 sqm (exact panels dimension available after consultation with the Sales Department)

DIMENSIONS

Laminated door panel of plate construction and panel - stile:

Dimensions: max. width: 1100 mm, max. height 2100 mm

Veneered door panels of plate construction and panel - stile:

Dimensions: max. width: 1100 mm, max. height 2100 mm

DOOR LEAF FINISH

Surface veneered, covered with laminate LAMISTONE, SILKSTONE, ECO TOP, painted or laminated CPL*. graining panels of width up to 1100 mm – vertical or horizontal. graining panels of width under 1100 mm – only horizontal graining.

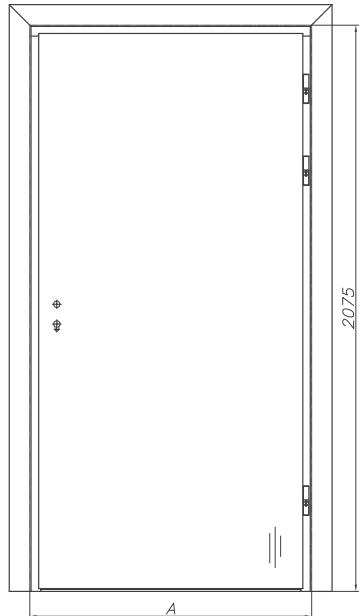
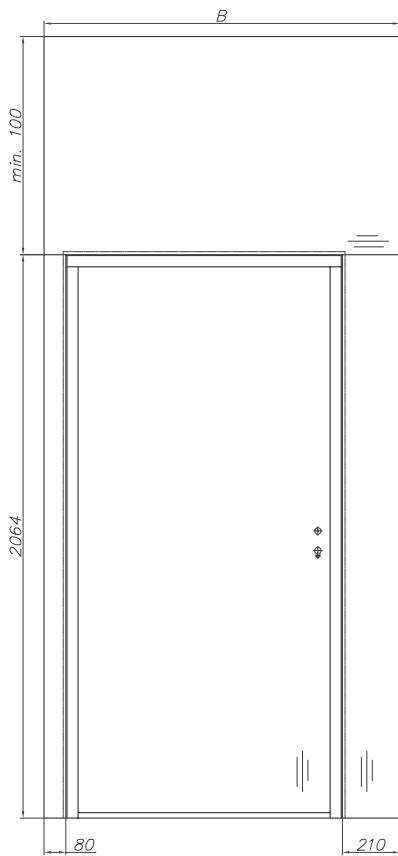
FITTING INSTRUCTIONS

Specialistic mounting glue.

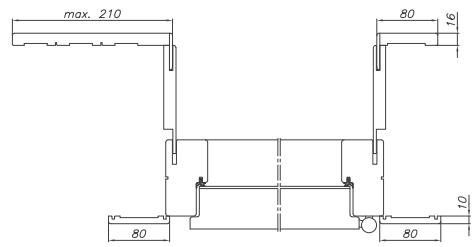
*not applicable to hardly flamable panels

DOOR CONSTRUCTIONS

NON-STANDARD CONSTRUCTIONS WITH ARCHITRAVES



door width	A	B
,80"	913	1183
,90"	1013	1283
,90 plus"	1033	1303
,100"	1113	1383



PANEL CONSTRUCTIONS WITH ARCHITRAVES

(control panel 16 mm + strip 80 mm + vertical bands 210mm/80mm) - without upper wall panel

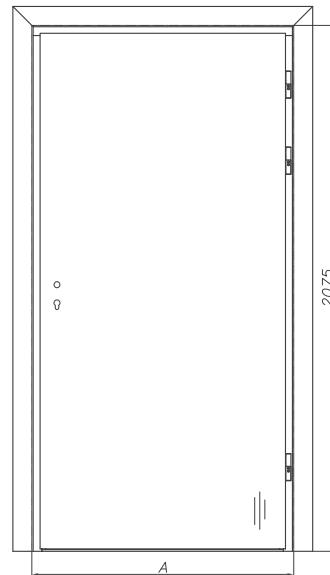
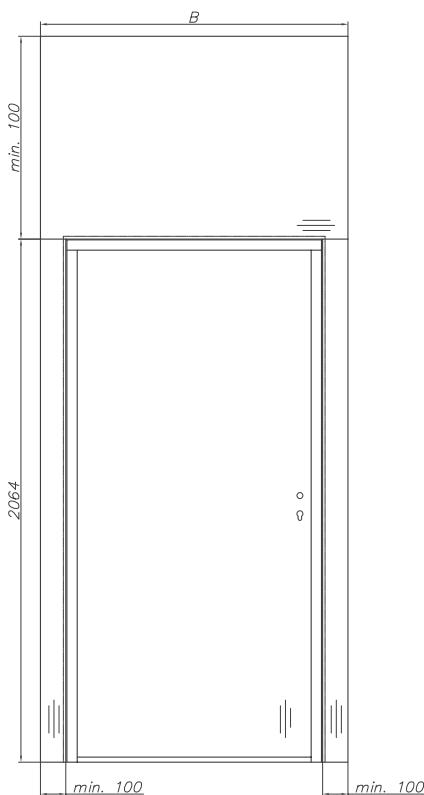
symbol	range [mm]	ECO TOP	UNI MAT PLUS	HIGH TOP	PAINTED white 001*	VENEERED		
				LAMISTONE CPL		Group A	Group B	Group C
FY1	144-169	288/354,24	301/370,23	318/391,14	409/503,07	455/559,65	528/649,44	604/742,92
FY2	169-194	298/366,54	312/383,76	330/405,90	459/564,57	459/564,57	533/655,59	610/750,30
FY3	194-219	308/378,84	323/397,29	342/420,66	476/585,48	476/585,48	550/676,50	628/772,44
FY4	219-244	322/396,06	339/416,97	359/441,57	497/611,31	497/611,31	572/703,56	650/799,50
FY5	244-269	333/409,59	350/430,50	371/456,33	513/630,99	513/630,99	589/724,47	668/821,64
FY6	269-294	345/424,35	363/446,49	385/473,55	531/653,13	531/653,13	607/746,61	687/845,01
FY7	294-319	355/436,65	374/460,02	397/488,31	547/672,81	547/672,81	624/767,52	705/867,15
FY8	319-344	365/448,95	386/474,78	409/503,07	564/693,72	564/693,72	641/788,43	723/889,29
FY9	344-369	375/461,25	397/488,31	422/519,06	580/713,40	580/713,40	658/809,34	741/911,43

(*) The colours of RAL,NCS (except from metallic) - extra charge acc. to the colours table

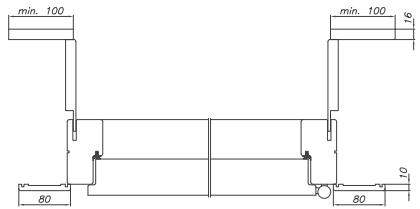
PRICE OF DOOR CONSTRUCTION = PRICE OF CONSTRUCTIONS WITH ARCHITRAVES + PRICE OF UPPER PANEL [sqm] - p. 43

DOOR CONSTRUCTIONS

NON-STANDARD CONSTRUCTIONS WITH PANEL



door width	A	B
„80“	913	1093
„90“	1013	1193
„90 plus“	1033	1213
„100“	1113	1293

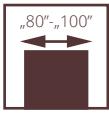


PANEL CONSTRUCTION (control panel 16 mm + strip 80 mm) - without wall panels									
to single door		ECO TOP	UNI MAT PLUS	HIGH TOP	LAMISTONE CPL	PAINTED white 001*	VERNEERED		
symbol	range [mm]				SILKSTONE	laminated	Group A	Group B	Group C
FZ1	144-169	185/227,55	194/238,62	201/247,23	265/325,95	306/376,38	372/457,56	443/544,89	
FZ2	169-194	195/239,85	205/252,15	213/261,99	277/340,71	322/396,06	389/478,47	461/567,03	
FZ3	194-219	205/252,15	217/266,91	226/277,98	292/359,16	338/415,74	406/499,38	479/589,17	
FZ4	219-244	220/270,60	232/285,36	242/297,66	309/380,07	359/441,57	427/525,21	501/616,23	
FZ5	244-269	230/282,90	244/300,12	254/312,42	323/397,29	375/461,25	444/546,12	519/638,37	
FZ6	269-294	242/297,66	257/316,11	268/329,64	337/414,51	394/484,62	463/569,49	539/662,97	
FZ7	294-319	252/309,96	268/329,64	280/344,40	351/431,73	410/504,30	480/590,40	557/685,11	
FZ8	319-344	262/322,26	279/343,17	293/360,39	364/447,72	426/523,98	497/611,31	574/706,02	
FZ9	344-369	272/334,56	291/357,93	305/375,15	378/464,94	443/544,89	514/632,22	592/728,16	

(*) colours RAL,NCS (except from metallic) - extra charge acc. to colours table

PANEL CONSTRUCTION (control panel NRO 16 mm + STRIP 80 mm) - without NRO wall panels								
to single door		ECO TOP	LAMISTONE CPL	PAINTED white 001	VERNEERED			
symbol	range [mm]		SILKSTONE		Group A	Group B	Group C	
FZ1	144-169	208/255,84	224/275,52	288/354,24	329/404,67	395/485,85	466/573,18	
FZ2	169-194	225/276,75	244/300,12	308/378,84	352/432,96	419/515,37	491/603,93	
FZ3	194-219	243/298,89	264/324,72	330/405,90	376/462,48	444/546,12	517/635,91	
FZ4	219-244	265/325,95	288/354,24	354/435,42	405/498,15	473/581,79	547/672,81	
FZ5	244-269	283/348,09	307/377,61	376/462,48	429/527,67	497/611,31	572/703,56	
FZ6	269-294	302/371,46	329/404,67	398/489,54	454/558,42	524/644,52	599/736,77	
FZ7	294-319	320/393,60	348/428,04	420/516,60	478/587,94	548/674,04	625/768,75	
FZ8	319-344	338/415,74	368/452,64	440/541,20	502/617,46	573/704,79	650/799,50	
FZ9	344-369	355/436,65	388/477,24	462/568,26	526/646,98	597/734,31	676/831,48	

PRICE OF CONSTRUCTION = PRICE OF PANEL CONSTRUCTION + PRICE OF WALL PANEL [sqm] (VERTICAL + UPPER PANEL) - p. 43



SR 37 dB acoustic door, fixed wooden door frame

ACOUSTIC DOOR POL-SKONE

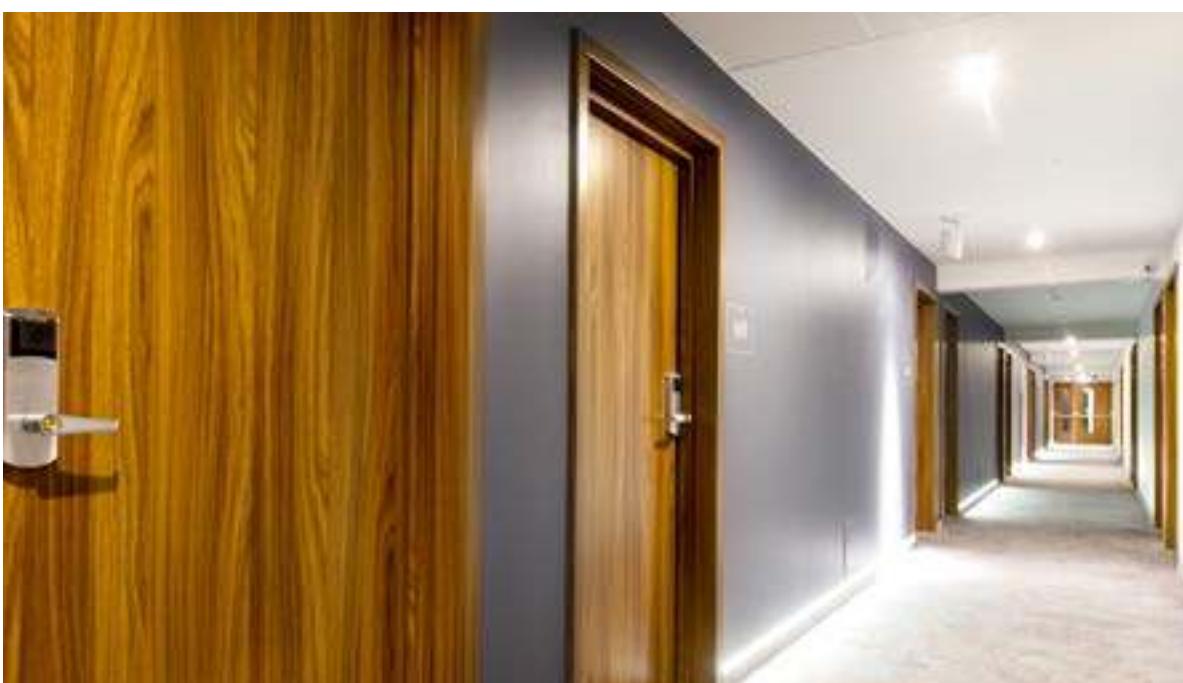
SR 37 dB

Doors are designed for use as interior entrance doors in residential buildings, collective residence, public utility and industrial, constitute acc. to terminology determined in PNB-91000:1996 standard used to close openings in internal walls between staircases or corridors and rooms.

Door leaf rebated system. The door leaf structure consists of coniferous wood, topped with MDF boards on both sides. The in-fill is made of a special POL-SKONE structure. The rated thickness of door leaf is: 56 mm..

Acoustic insulation:

- class D₁ – 35, D₂ – 35, class Rw=37 dB
- 4 mechanical class acc. to PN-EN 1192:2001 standard (door SR 37dB)
- National Technical Assessment ITB-KOT-2018/0713 edition.1 (single-leaf)



SR 37 dB acoustic door, adjustable wooden door frame

See more inspirations



**VERSION**

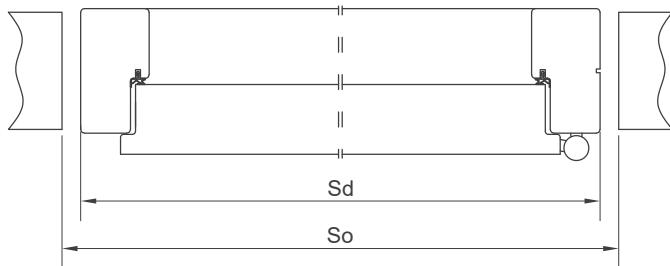
full 37 dB
ECO TOP 1407 /1730,61
LAMINATED CPL 1573 /1934,79
UNI MAT PLUS 1482 /1822,86
HIGH TOP 1573 /1934,79
LAMISTONE 1573 /1934,79
SILKSTONE 1573 /1934,79
PAINTED (RAL 9003)* 1854 /2280,42
VENEERED GROUP A 1803 /2217,69
VENEERED GROUP B 1899 /2335,77
VENEERED GROUP C 1994 /2452,62

*standard colour of wooden leaves and door frames- white RAL 9003.

The colours of metal frames (p. 63)

dextra charge to the basic white colour (RAL 9003)
acc. to colour groups RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77



door width	Sd	So
„80“	912	940
„90“	1012	1040
„90 plus“	1032	1060
„100“	1112	1140

DOOR DIMENSIONS**Fixed or adjustable wooden door frame:**

Single leaf door:
max. width „100“ - 1112 mm, max. height 2175 mm

DOOR LEAF FINISH

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil. Flat decors, made of decorative mouldings, aluminium decors available after consultation with Sales Department

DOOR FRAME

Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.

Fixed pine wooden frame – optionally provided with masking strips or a shoe moulding.

Adjustable wooden frame with widening panels, architraves and a masking strip.

ACCESSORIES AND EQUIPMENT**Standard equipment:****VERSION 37 dB**

- pivot hinges, adjustable in 3 planes
- mortise lock
- oak threshold in natural oak, black, grey, brown with aluminium strip to protect against excessive wear

- electric strikes in NC and NO versions
- electromagnetic locks

- wide-angle peephole - silver **72**/88,56, gold, black **83**/102,09

- electronic locks

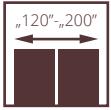
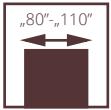
- inserts

- width „100“ - 1112 mm **+10%**

- height 2175 mm **+10%**

Additional equipment:

- aluminium decors, decorations
- surface-mounted or concealed door closer
- additional mortise or concealed locks



Type A door, version 00, adjustable door frame SYSTEM DIN

ACOUSTIC DOOR POL-SKONE

TYPE A / TYPE A DUO TYPE B / TYPE B DUO

Single leaf door SOUDPROOF rebated system. The door leaf structure consists of stile of softwood topped with HDF boards on both sides. In-fill made of a solid chipboard (type A) or special POL-SKONE structure (type B). Leaf with a drop down seal

acoustic insulation:

with wooden door frame:

class $Rw=27$ dB (type A); class $Rw=32$ dB (type B)

with a metal frame :

class $Rw=27$ dB (type A);

class $Rw=37$ dB (type B)

with adjustable door frame DIN:

class $Rw=27$ dB (type A); class $Rw=37$ dB (type B)

Technical Approval ITB: AT-15-6411/2016

*doors available after consultation with Sale Department.

Single or double-leaf SOUDPROOF DUO in non-rebated system. The door leaf structure consists of stile of softwood topped with HDF boards on both sides. In-fill is made of solid chipboard (type A) or special POL-SKONE structure (type B). Door available in single or double-leaf version with wooden door frame (fixed DUO or adjustable DUO). Leaf with a drop down seal.

acoustic insulation:

single and double leaf type A – class $Rw=27$ dB

single leaf type B – class $Rw=37$ dB

double leaf type B – class $Rw=32$ dB

class mechanical: 2 mechanical class resistance

requirements i.e. average operating conditions

Technical Approval TB: AT-15-6411/2016



Type A door, version 00, adjustable door frame SYSTEM DIN

See more inspirations



DOOR LEAF
Type A/Type B



VERSION	Type A	Type B
ECO TOP	652 /801,96	1188 /1461,24
HIGH TOP	686 /843,78	1188 /1461,24
UNI MAT PLUS	736 /905,28	1273 /1565,79
LAMISTONE CPL	723 /889,29	1188 /1461,24
SILKSTONE	748 /920,04	1188 /1461,24
SILKSTONE CPL	1034 /1271,82	1474 /1813,02
LAMINATED CPL 0,2	730 /897,90	1188 /1461,24
PAINTED (RAL 9003)*	1007 /1238,61	1254 /1542,42
VENEERED GROUP A	1007 /1238,61	1254 /1542,42
VENEERED GROUP B	1076 /1323,48	1322 /1626,06
VENEERED GROUP C	1133 /1393,59	1389 /1708,47

*standard colour of wooden leaves and door frames- white RAL 9003.

The colours of metal frames (p. 63)

extra charge to the basic white colour (RAL 9003) acc. to colour groups RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77

NUMBER OF HINGES TO SOUNDPREOF DOOR

adjustable door frame DIN (type K)	fixed or adjustable wooden frame (type C)	metal door frame fixed FD12 or adjustable (typ M)	frame DUO fixed or adjustable (concealed hinge)
height 2043 - 3 pcs dla width „60”, „90”	height 2064 mm (fixed), 2067 mm (adjustable) - 3 pcs for width „60”, „90”	height 2068 mm (fixed), 2078 mm (adjustable) - 3 pcs for width „60”, „100”	height 2083 - 2 pcs width „60”, „80” - 3pcs width „90”, „100”
height 2143 - 3 pcs.	height 2164 mm (fixed), 2167 mm (adjustable) - 3 pcs	height 2168 mm (fixed), 2178 mm (adjustable) - 3 pcs	height 2183 - 3 pcs
height 2243 - 4 pcs.	height 2264 mm (fixed), 2267 mm (adjustable) - 4 pcs	height 2268 mm (fixed), 2278 mm (adjustable) - 4 pcs	height 2283 - 3 pcs
height 2300 - 4 pcs.	height 2364 mm (fixed) - 4 pcs	-	height 2383 mm (fixed) - 4 pcs.
-	height 2464 mm (fixed) - 4 pcs	-	height 2483 mm (fixed) - 4 pcs
-	height 2500 mm (fixed) - 4 pcs	-	height 2500 mm (fixed) - 4 pcs

Non-standard heights (max. height of door with DIN frame - 2300 mm - 4 pcs; max. height of door with wooden frame - 2500 mm)

**DOOR DIMEN-
SIONS**

Type A, Type B

fixed wooden frame:

max. width „110” - 1189 mm, max. height 2500 mm

adjustable wooden door frame:

max. width „110” - 1195 mm, max. height 2267 mm

adjustable door frame DIN:

max. width „100” - 1046 mm, max. height 2300 mm

adjustable metal frame:

max. width „110” - 1217 mm, max. height 2278 mm

fixed metal frame FD12:

max. width: „110” - 1197 mm, max. height 2268 mm

**EXTRA CHARGE FOR NON-STANDARD
DOOR DIMENSIONS OF SOUNDPREOF DOOR**

adjustable door frame DIN

height up to 2143 mm - extra charge **10%***

height up to 2243 mm - extra charge **20%***

height up to 2300 mm - extra charge **30%***

wooden door frame (fixed or adjustable)

height 2164 mm (fixed) or 2167 mm (adjustable) - extra charge **10%***

height 2264 mm (fixed) or 2267 mm (adjustable) - extra charge **20%***

height 2364 mm (fixed) - extra charge **30%***

height 2464 mm, 2500 mm (fixed) - extra charge **40%***

metal door frame (fixed FD12 or adjustable)

height 2168 mm (fixed) or 2178 mm (adjustable) - extra charge **10%****

height 2268 mm (fixed) or 2278 mm (adjustable) - extra charge **20%****

frame DUO (fixed or adjustable)

height 2183 mm - extra charge **10%****

height 2283 mm - extra charge **20%****

height 2383 mm (fixed) - extra charge **30%*****

height 2483, 2500 mm (fixed) - extra charge **40%*****

*extra charge to door (door leaf+door frame)

extra charge to door (door leaf+door frame) + extra charge per additional concealed hinge (1 pc) **80/98,40

*** extra charge to door (door leaf+door frame) + extra charge per additional concealed hinge (2 pcs) **160**/196,80

**DOOR LEAF
FINISH**

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil. Flat decors, made of decorative profiled strips, aluminium decors available (only Type A version)

DOOR FRAME

Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.

Fixed pine wood frame – optionally provided with masking strips or a shoe moulding.

Adjustable wooden frame with widening panels and architraves.

Adjustable DIN – made of 22 mm-thick MDF panels.

Adjustable wooden frame DUO with widening panels and architraves.

Wooden pine fixed DUO (Type A Duo, Type B Duo) – optionally provided with masking strips or a shoe moulding

Fixed metal frame FD12 made of of 1.5 mm-thick metal steel sheet with groove seal

Adjustable metal frame made of 1.5 mm thick steel sheet Door frames standard powder painted in to colours: white (RAL 9016 and RAL 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black(RAL 9005). Metal door frames painted in nonstandard RAL or NCS colours are available (after consultation with the Sales Department).

Door frame consists of the main part and architrave inserted into the main part.

**ACCESSORIES
AND EQUIPMENT**

Standard equipment:

Type A, Type B

- pivot hinges, adjustable in 3 planes by TKZ Polska
- mortise sash lock for patent cylinder or key
- drop down seal

Type A Duo, Type B Duo

- concealed hinge (adjustable in 3 planes)
- magnetic lock for patent cylinder or key to single leaf door
- mortise sash lock for patent cylinder or key to double door leaf
- drop down seal

Additional equipment:

- surface-mounted door closer
- additional mortise or surface lock
- electric strikes in NC and NO versions (Type A, Type B)
- electromagnetic lock
- wide-angle peephole - silver **72**/88,56, gold, black **83**/102,09
- electronic hotel locks
- width „100” **+20%**
- width „110” **+40%**

No possibility of using stainless steel covers on the edges of the leaves.

It is not possible to use aluminium decors in Type B version.



DECO INVEST door, version 04, metal door frame

REINFORCED DOOR

DECO INVEST

T-type hinges are used as standard in POL-SKONE leaves with metal frame and door closer („70” - „80” - 3 pcs, „90” - „110” - 4 pcs)

III MECHANICAL CLASS

Door made of softwood stile, topped with HDF boards on both sides, the in-fill is made of perforated chipboard. The leaf edge is protected with a stainless steel profile. Fixed metal door frame FD12, optionally adjustable. Door has mechanical class 3.

- 3 mechanical class (single-leaf door)
- 2 mechanical class (double-leaf door)
- Technical Aproval AT-15-6411/2016



DECO INVEST door, version 02, metal door frame

See more inspirations



**DECO INVEST
LEAVES**



VERSION		00	01	02	03	04
LAMISTONE (258,289,531)	„70”-„90”, „90 plus”	998 /1227,54	1518 /1867,14	1715 /2109,45	1823 /2242,29	1382 /1699,86
	„100”	1052 /1293,96	1577 /1939,71	1773 /2180,79	1882 /2314,86	1435 /1765,05
	„110”	1105 /1359,15	1635 /2011,05	1832 /2253,36	1940 /2386,20	1488 /1830,24
LAMINATED (820,222,821)	„70”-„90”, „90 plus”	1018 /1252,14	1548 /1904,04	1750 /2152,50	1859 /2286,57	1411 /1735,53
	CPL 0,2 mm	„100”	1071 /1317,33	1607 /1976,61	1810 /2226,30	1917 /2357,91
	„110”	1126 /1384,98	1665 /2047,95	1868 /2297,64	1976 /2430,48	1463 /1799,49
LAMINATED (920,259,921)	„70”-„90”, „90 plus”	1110 /1365,30	1648 /2027,04	1848 /2273,04	1962 /2413,26	1502 /1847,46
	CPL 0,5 mm	„100”	1164 /1431,72	1707 /2099,61	1908 /2346,84	2020 /2484,60
	„110”	1218 /1498,14	1764 /2169,72	1966 /2418,18	2078 /2555,94	1610 /1980,30
LAMINATED (720,772,721)	„70”-„90”, „90 plus”	1121 /1378,83	1660 /2041,80	1863 /2291,49	1972 /2425,56	1515 /1863,45
	CPL 0,7 mm	„100”	1174 /1444,02	1718 /2113,14	1922 /2364,06	2032 /2499,36
	„110”	1228 /1510,44	1775 /2183,25	1980 /2435,40	2090 /2570,70	1622 /1995,06
DOUBLE-LEAF						
LAMISTONE (258,289,531)	„70”-„70” „80”-„80”	2326 /2860,98	3079 /3787,17	3546 /4361,58	3414 /4199,22	3101 /3814,23
	„90”-„90”, „100”-„100”	2369 /2913,87	3186 /3918,78	3589 /4414,47	3454 /4248,42	3145 /3868,35
LAMINATED (820,222,821)	„70”-„70” „80”-„80”	2335 /2872,05	3088 /3798,24	3555 /4372,65	3360 /4132,8	3200 /3936,00
	„90”-„90”, „100”-„100”	2379 /2926,17	3197 /3932,31	3599 /4426,77	3463 /4259,49	3244 /3990,12
LAMINATED (920,259,921)	„70”-„70” „80”-„80”	2467 /3034,41	3220 /3960,6	3687 /4535,01	3480 /4280,4	3332 /4098,36
	„90”-„90”, „100”-„100”	2523 /3103,29	3340 /4108,2	3743 /4603,89	3594 /4420,62	3388 /4167,24
LAMINATED (720,772,721)	„70”-„70” „80”-„80”	2484 /3055,32	3238 /3982,74	3704 /4555,92	3496 /4300,08	3351 /4121,73
	„90”-„90”, „100”-„100”	2546 /3131,58	3361 /4134,03	3762 /4627,26	3612 /4442,76	3409 /4193,07

leaves dedicated to fixed and adjustable metal door frame DECO INVEST



porthole BMD 4



stainless steel profile

Double-leaf door DECO INVEST (II mechanical class)

equipped with:

- 6 object reinforcement type T hinges (3 hinges per leaf)
- stainless steel covers on the hinge side
- stainless steel covers on the lock side (active leaf)
- covers on striker side with holes for scantling (passive leaf)
- fixed metal door frame FD12

**DOOR DIMEN-
SIONS**

Adjustable metal frame DECO INVEST (ZO):

Single-leaf door:

max. width: „110” - 1220 mm, max. height 2278 mm

Double-leaf door:

max. width: „100+100” - 2155 mm, max. height 2278 mm

Frame fixed metal DECO INVEST (FD12):

Single-leaf door:

max. width: „110” - 1200 mm, max. height 2268 mm

Double-leaf door:

max. width: „100+100” - 2135 mm, max. height 2268 mm

**DOOR LEAF
FINISH**

Smooth surface covered with laminate CPL 0.15 (LAMISTONE);
CPL 0.2; CPL 0.5; CPL 0.7 or HPL 0.8 mm thick.

GLAZING

Tempered glass 4 mm translucent or matt.

DOOR FRAME

Door frame standard powder-painted in to colours:
white (RAL 9016, 9003), grey (RAL 7047), brown (RAL 8014),
beige (RAL 1001), graphite (RAL 7024).

Fixed metal FD12 frame made of 1,5 mm thick metal sheet steel
with groove seal.

Adjustable metal made of 1,5 mm thick metal sheet steel (extra
charge).

**ACCESSORIES
AND EQUIPMENT**

Standard equipment:

- mortise lock with stainless steel front
VERSION WK, WB and WC
- reinforced three-piece hinges type T („70”-„110” - 3 pcs)
- reinforcement for door closer
- stainless steel leaf edge protection (lock side and hinge side)

Additional equipment:

- surface-mounted door closer
- stainless steel grille
- zamek rolkowy, pochwyt ze stali nierdzewnej
- panels from stainless steel, stick at the bottom of a door leaf
or on the height of a handle
- extra hinge type T - **22**/27,06



Interior door of plate constructions III mechanical class I, version 00, adjustable door frame DIN

DOOR LEAVES

III mechanical class of plate construction

IN CASE OF WINGS FOR METAL DOOR FRAMES MANUFACTURED BY POL-SKONE HINGES INCLUDED IN THE PRICE OF THE FRAME.

IN CASE OF LEAVES FOR METAL DOOR FRAMES FROM OTHER MANUFACTURERS, LEAF HINGES AT EXTRA CHARGE

T-type hinges are used as standard in POL-SKONE leaves with metal frame and door closer
(„60” - „80” - 3 pcs, „90” - „100” - 4 pcs)

The doors are designed for use in public buildings with heavy traffic and in industrial and storage buildings as internal doors closing the opening in the internal wall between the rooms. Especially recommended for schools, kindergartens and hospitals.

The leaf is made of a wooden rail and stile set reinforced with two vertical slats connected with plywood and enlarged bottom cross rail. The in-fill is made of perforated chipboard.

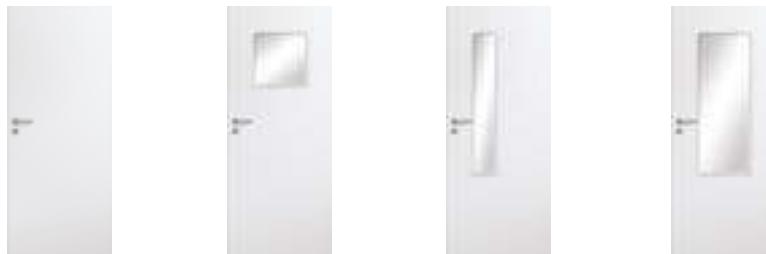
- 3 class mechanical resistance i.e. heavy service conditions acc. to PN-EN 1192:2001 standard
- Technical Approval AT-15-6411/2016

See more inspirations



Interior door of plate constructions III mechanical class I, version 00, adjustable door frame DIN

**DOOR LEAF
TO METAL
DOOR FRAME,
WOODEN
DOOR FRAME,
ADJUSTABLE
DOOR FRAME
DIN III CLASS**



VERSION	00	02SM	04SD	03SD
PAINTED	673 /827,79	897 /1103,31	932 /1146,36	955 /1174,65
ECO TOP	460 /565,80	615 /756,45	644 /792,12	667 /820,41
HIGH TOP	495 /608,85	688 /846,24	715 /879,45	743 /913,89
LAMISTONE CPL	518 /637,14	719 /884,37	748 /920,04	776 /954,48
LAMINATED CPL 0,2	618 /760,14	819 /1007,37	848 /1043,04	876 /1077,48
SILKSTONE	535 /658,05	730 /897,90	759 /933,57	788 /969,24
SILKSTONE CPL	760 /934,80	955 /1174,65	984 /1210,32	1013 /1245,99
LAMINATED CPL 0,5	718 /883,14	918 /1129,14	948 /1166,04	976 /1200,48
VENEERED GROUP A	707 /869,61	851 /1046,73	886 /1089,78	914 /1124,22
VENEERED GROUP B	753 /926,19	914 /1124,22	949 /1167,27	978 /1202,94
VENEERED GROUP C	794 /976,62	960 /1180,80	995 /1223,85	1029 /1265,67
BLACK (RAL 9005)	1073 /1319,79	1297 /1595,31	1332 /1638,36	1355 /1666,65

Door leaf equipped with 3 pcs hinge: type C (to wooden door frame), type K (to adjustable door frame DIN III mechanical class), type T (to metal door frame) optionally: door frame DIN III mechanical class with reinforcement under the strike plate in the form of pine strip; angular strike plate- extra charge **10%** to adjustable door frame DIN III class mechanical price.

EXTRA CHARGE FOR LAMINATED GLASS INSTEAD OF TEMPERED IN DOOR LEAVES III MECHANICAL CLASS

LAMINATED GLASS VSG 22.1 MATT- WHITE MAT

leaf III mechanical class version 03SD width „60”-“80”

leaf III mechanical class version 03SD width „90”-“100”

leaf III mechanical class version 04SD

leaf III mechanical class version 02SM width „60”-“80”

leaf III mechanical class version 02SM width „90”-“100”

price [1 glass]

white matt	transparent
98 /120,54	45 /55,35
115 /141,45	50 /61,50
40 /49,20	25 /30,75
30 /36,90	20 /24,60
35 /43,05	25 /30,75

**DOOR DIMEN-
SIONS**

Fixed wooden frame:

max. width „100” – 1089 mm, max. height 2264 mm

Adjustable wooden frame:

max. width „100” – 1095 mm, max. height 2267 mm

Adjustable door frame system DIN III mechanical class:

max. width „100” – 1046 mm, max. height 2243 mm

Fixed metal frame FD12, FD14:

max. width „100” – 1097 mm, max. height 2268 mm

Adjustable metal frame:

max. width „100” – 1117 mm, max. height 2278 mm

**DOOR LEAF
FINISH**

Plain, painted, veneered surface; covered with 0.2 - 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil.

GLAZING

Tempered glass 4 mm or laminated 22.1..

DOOR FRAME

Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.

Fixed pine wooden frame optionally provided with masking strips or a shoe moulding.

Adjustable wooden frame with widening panels and architraves.

Adjustable DIN III mechanical class made of 22 mm thick MDF panels with a special reinforcement under the strike plate in the form of pine strip, angular strike plate.

Metal fixed FD12 frame made of 1.5 mm thick metal steel sheet;

Metal fixed FD14 frame made of 1.2 mm thick metal steel sheet; available in standard powder coatings in the following colours: white (RAL 9016, 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black(RAL 9005).

Adjustable metal frame made of 1.5 mm thick metal steel sheet;

available in standard powder coatings in the following colours: white (RAL 9016, 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), black(RAL 9005); consists of the main part and the architrave inserted into the main part.

**ACCESSORIES
AND EQUIPMENT**

Standard equipment:

Door with a wooden frame
- 3 pivot hinges type C adjustable in three planes
- latch-bolt lock for a patent insert or key

Door with door frame system DIN III mechanical class

- 3 pivot hinges adjustable type K or optionally 3 hinges
triple type T
- latch-bolt lock for a patent insert or key

Door with metal frame

- 3 three-piece hinges type T
- latch-bolt lock for a patent insert or key

Additional equipment:

- surface-mounted door closer
- additional mortise or surface lock
- electric strikes in NC and NO versions
- electromechanical lock
- Type T hinge (1 pcs) - **22**/27,06
- frame DIN III mechanical class - extra charge **10%** to the price of adjustable door frame DIN
- width „100” **+10%**
- drop down seal - **209**/257,07

CAMBIO DOOR WITH PICTOGRAMS

DOOR LEAF CAMBIO VERSION 00 WITH PICTOGRAMS

price per one piece

door leaf CAMBIO version 00 with pictogram version A, version B, version C, version D colour RAL 9003

930/1143,90

one-sided pictogram, always on the hinge side

Woman - A



Man - B



DISABLED - C



BABY CARE ROOM-D



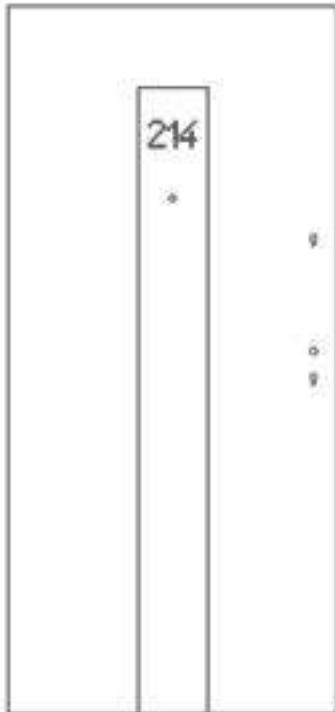
STAINLESS STEEL PANEL WITH THE NUMBER OF THE FLAT

price per piece

1.5 MM THICK BRUSHED STAINLESS STEEL PANEL, 200 MM WIDE WITH FLAT NUMBER

270/332,10

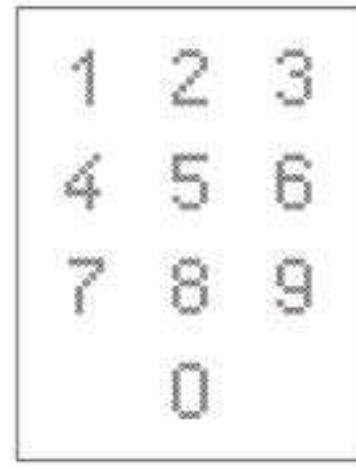
leaf with panel



vertical door panel



list of digits from the font



example

PANEL MADE OF STAINLESS STEEL WITH ICONS

PANEL FROM STAINLESS STEEL WITH ICONS

price per piece

1.5 MM THICK BRUSHED STAINLESS STEEL PANEL, 150 MM WIDE WITH ICONS

250/307,50

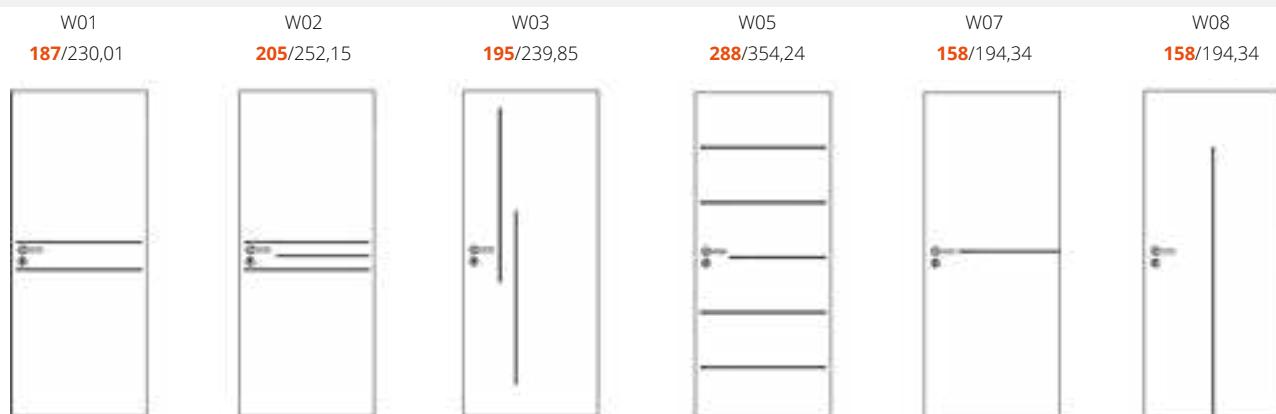
It is possible to order a panel with one, two or three icons presented in the picture.



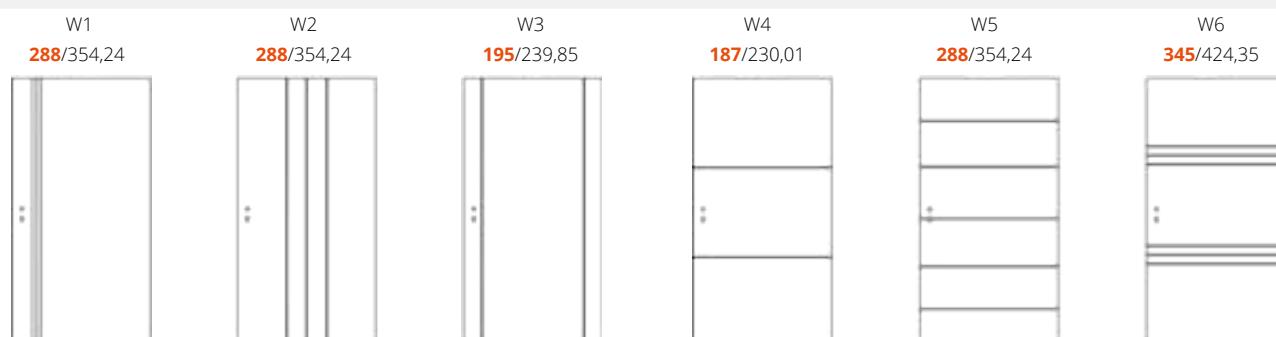
ALUMINUM DECORS

colour matt chrome, black

ALU DECORS FOR FIRE PROTECTION DOORS, CERBER PLUS, B-30, C-30, RC3, CERBER PLUS RC2 (DECOR ENDS ROUNDED OFF)



ALUMINUM STRIPS IN TECHNICAL DOORS (EXTRA CHARGE TO TECHNICAL DOORS EI 30)
(decor endings finished straight, flush with the edge of the leaf) also available in doors CERBER PLUS, B-30, C-30, RC3, CERBER PLUS RC2





Higro door, version W02, non-rebated fixed metal frame HIGRO

SPECIAL DOOR

HIGRO

Door in non-rebated system. The door leaf structure consists of polyurethane rail reinforced with plywood, laminated on both sides HPL thick 2 mm. In-fill is a special thermal insulation insert.

Door intended for use in residential buildings, public utility and industrial and warehouse as interior door constituting the closure of a building opening in the interior wall between rooms. Door intended for rooms in which permissible relative humidity is up to 90% and the temperature does not exceed 65°C. The door should not be directly exposed to water.

Door especially for rooms with high relative humidity and temperature, according to manufacturer's manual instructions, e.g. saunas, swimming pools.

In cases where HIGRO doors are exposed to high concentrations of chlorine we recommend the optional use of portholes and protective panels in acid-resistant steel (for extra charge).

**mechanical class: class 2 mechanical strength requirements, i.e. medium operating conditions
resistance to climatic conditions:
3 klasa acc. to PN-EN 12219:2002
door manufactured acc. to PN-EN 14351-2:2018**



Higro door, version W03, non-rebated adjustable metal door frame HIGRO

See more inspirations



HIGRO

VERSION	W00	W01	W02	W03	W04
H-01 (grey),H-02 (white),H-05 (blue), H-06 (anthracite)	1756 /2159,88	2045 /2515,35	2045 /2515,35	2045 /2515,35	2230 /2742,90
fixed steel door frame HIGRO colours: RAL 9016, RAL 7047, RAL 5010, RAL 7024 width „60“ - „100“	549 /675,27				

NON-REBATED ADJUSTABLE DOOR FRAME HIGRO

single-leaf door

VERSION	wall width range [mm]	„60“ - „100“
FD71	110-140	817 /1004,91
FD72	140-170	838 /1030,74
FD73	170-200	852 /1047,96
FD74	200-230	888 /1092,24
FD75	230-260	907 /1115,61
FD76	260-290	928 /1141,44
FD77	290-320	949 /1167,27
FD78	320-350	975 /1199,25
FD79	350-380	1052 /1293,96

standard: white (RAL 9016), grey (RAL7047), blue (RAL 5010), anthracite (RAL 7024)
extra charge to 1 piece of additional hinge STECTUS by Simonswerk stainless steel - set (top and bottom) - **195**/239,85

PANELS IN ACID-RESISTANT STEEL (1 SET)

	width „60“	width „70“	width „80“	width „90“	width „100“
variant A	234 /287,82	240 /295,20	258 /317,34	276 /339,48	300 /369,00
variant D	264 /324,72	276 /339,48	294 /361,62	312 /383,76	336 /413,28
variant E, F, G, H	264 /324,72	270 /332,10	282 /346,86	300 /369,00	324 /398,52

polished or brushed metal sheet

DOOR DIMENSIONS**fixed metal frame HIGRO:**

Single-leaf door:
„60“ - 702x2088 mm, „70“ - 802x2088 mm, „80“ - 902x2088 mm, „90“ - 1002x2088 mm
max. width „100“ - 1102 mm, max. height 2288 mm
- door lower by 55 mm or 100 mm - **no extra charge**
- door height 2188 mm **+10%**
- door height 2288 mm **+20%**

Frame metal adjustable HIGRO:

Single-leaf door:
„60“ - 722x2098 mm, „70“ - 822x2098 mm, „80“ - 922x2098 mm, „90“ - 1022x2098 mm
max. width „100“ - 1122 mm, max. height 2298 mm
- door lower by 55 mm or 100 mm - **no extra charge**
- door height 2188 mm **+10%**
- door height 2288 mm **+20%**

DOOR LEAF FINISH

Smooth surface covered with 2 mm thick HPL laminate.

GLAZING

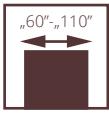
Tempered glass white matt 4 mm or safety glass white matt 4 mm.

DOOR FRAME**Non-rebated fixed metal frame** with rebate seal made of 1,5 mm galvanized steel sheet.**Non-rebated adjustable metal frame** made of 1,5 mm galvanized steel sheet in the same colour as the leaf surface.**ACCESSORIES AND EQUIPMENT****Standard equipment:**

- single point mortise lock
- TECTUS stainless steel hinges from Simonswerk (2 pcs)

Additional equipment:

- surface-mounted door closer
- drop down seal - **209**/257,07
- ventilation grille of acid-proof steel
- handle Higro and bottom rosette Higro made of stainless steel
- panels made of stainless steel stick on the bottom of the door leaf or on the top of the handle.
- additional ZOX adjustment for non-rebated adjustable frame (increase in range of wall width 650 mm) - **390**/479,70
- roller lock with stainless steel face plate
- stainless steel porthole - lacomat/clear glass (extra charge for version W04) **+190**/233,70



GAMMA door, fixed metal frame

SPECIAL DOOR

GAMMA

Door rebated system. The door leaf structure consists of stile of softwood, topped with HDF boards on both sides. of thickness 5 mm with lead insert of thickness 1 mm (total lead insert thickness 2 mm for the door leaf). In-fill is a chipboard. Door intended for use in buildings public utility (hospitals, clinics and doctors offices) as well as industrial and storage buildings - as internal entrance door, closing the openings in internal walls between corridor and rooms where X-ray radiation is emitted.

**mechanical class: 3 class requirements mechanical resistance i.e. hard exploitation conditions
acoustic insulation:
class D₁ – 35, D₂ – 35, class Rw=37 dB
door manufactured acc. to PN-EN 14351-2:2018**



See more inspirations



GAMMA door, fixed metal frame

GAMMA

VERSION	single-leaf
ECO TOP	5267 /6478,41
HIGH TOP	5330 /6555,90
LAMISTONE CPL	5330 /6555,90
SILKSTONE	5330 /6555,90
LAMINATED CPL 0,5	5403 /6645,69
LAMINATED CPL 0,7	5412 /6656,76
PAINTED	5709 /7022,07
VENEERED GROUP A	6222 /7653,06
VENEERED GROUP B	6328 /7783,44
VENEERED GROUP C	6643 /8170,89

FIXED WOODEN FRAME GAMMA

VERSION	single-leaf
ECO TOP	625 /768,75
HIGH TOP	643 /790,89
LAMISTONE CPL	643 /790,89
SILKSTONE	643 /790,89
PAINTED	746 /917,58
VENEERED GROUP A	756 /929,88
VENEERED GROUP B	790 /971,70
VENEERED GROUP C	830 /1020,90

STRIP LD6 GAMMA

VERSION	single-leaf
ECO TOP	326 /400,98
HIGH TOP	335 /412,05
LAMISTONE CPL	335 /412,05
SILKSTONE	335 /412,05
PAINTED	416 /511,68
VENEERED GROUP A	416 /511,68
VENEERED GROUP B	444 /546,12
VENEERED GROUP C	466 /573,18

ADJUSTABLE WOODEN FRAME GAMMA

VERSION	range in [mm]	ECO TOP	single-leaf				
			HIGH TOP	LAMISTONE	PAINTED	VENEERED GROUP A	VENEERED GROUP B
ZG1	92-112	1094 /1345,62	1132 /1392,36	1401 /1723,23	1401 /1723,23	1492 /1835,16	1567 /1927,41
ZG2	112-136	1097 /1349,31	1137 /1398,51	1408 /1731,84	1408 /1731,84	1500 /1845,00	1575 /1937,25
ZG3	136-180	1172 /1441,56	1217 /1496,91	1546 /1901,58	1546 /1901,58	1664 /2046,72	1747 /2148,81
ZG4	180-202	1176 /1446,48	1223 /1504,29	1558 /1916,34	1558 /1916,34	1678 /2063,94	1762 /2167,26
ZG5	202-246	1195 /1469,85	1245 /1531,35	1522 /1872,06	1522 /1872,06	1720 /2115,60	1806 /2221,38
ZG6	246-268	1198 /1473,54	1250 /1537,50	1598 /1965,54	1598 /1965,54	1729 /2126,67	1815 /2232,45
ZG7	268-312	1217 /1496,91	1272 /1564,56	1642 /2019,66	1642 /2019,66	1768 /2174,64	1856 /2282,88
ZG8	312-334	1220 /1500,60	1278 /1571,94	1648 /2027,04	1648 /2027,04	1775 /2183,25	1864 /2292,72
ZG9	334-378	1240 /1525,20	1301 /1600,23	1685 /2072,55	1685 /2072,55	1815 /2232,45	1907 /2345,61
ZG10	378-402	1243 /1528,89	1306 /1606,38	1692 /2081,16	1692 /2081,16	1822 /2241,06	1913 /2352,99

METAL DOOR FRAME GAMMA WITH BELT OF LEAD SHEET METAL

DOOR FRAME TYPE	wall width range [mm]	width of clear opening „60“ - „90“		
		744/915,12	Z01 (95-125)	919/1130,37
FIXED FD12			Z02 (125-155)	956/1175,88
			Z03 (155-185)	995/1223,85
			Z04 (185-215)	1032/1269,36
ADJUSTABLE			Z05 (215-245)	1071/1317,33
			Z06 (245-275)	1109/1364,07
			Z07 (275-305)	1148/1412,04
			Z08 (305-335)	1185/1457,55
			Z09 (335-365)	1224/1505,52

DOOR DIMENSIONS**Fixed or adjustable wooden frame:**

Single-leaf door:
max. width: „110“ - 1195 mm, max. height 2067 mm

Fixed metal door frame:

Single-leaf door:
max. width: „110“ - 1197 mm, max. height 2068 mm

Adjustable metal frame:

Single-leaf door:
max. width: „110“ - 1217 mm, max. height 2078 mm

Double-leaf doors are manufactured on individual demand after consultation with the Sales Department.

DOOR LEAF FINISH

Plain, painted, veneered surface; covered with 0.5 or 0.7 mm thick CPL laminate, 0.7 - 1.0 mm thick HPL laminate or wood-like foil.

DOOR FRAME**Fixed or adjustable wooden GAMMA** with a lead insert.

Fixed or adjustable metal GAMMA made of 1.5 mm metal sheet with a lead insert. Available in standard powder coatings

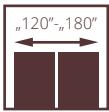
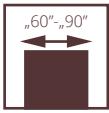
in the following colours: white (RAL 9016 and RAL 9003), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024), Black (RAL 9005)

ACCESSORIES AND EQUIPMENT**Standard equipment:**

- single-point mortise lock
- 3 pcs of object hinges, angular - width „60“-„110“
- drop down seal

Additional equipment:

- stainless steel panels applied at the bottom of the leaf or at handle level
- automatic door closer, electric door strike, electromagnetic lock
- width „100“ **+10%**
- width „110“ **+20%**



SWING door, version 00, fixed wooden frame

SPECIAL DOOR

SWING

The door is designed for use as internal door (no fire resistance and acoustic insulation properties) used to close openings within interior walls between rooms. Particularly intended for diners.

Full or glazed door leaf in the non-rebated system. The door leaf structure consists of a rail and stile set made of coniferous wood, topped with HDF boards on both sides. The standard in-fill consists of a honeycomb-like layer (optionally perforated or solid chipboard). The rated thickness of the door leaf is 40 mm.

- 2 mechanical class acc. to PN-EN 1192:2001 standard
- Technical Approval AT-15-6411/2016
- National Technical Approval ITB-KOT-2020/1608 edition 1



SWING door, version 00 with porthole, fixed wooden door frame



SWING**VERSION**

00

00 with porthole

02

00

00 with porthole

PAINTED

ECO TOP

HIGH TOP

UNI MAT PLUS

LAMISTONE CPL

SILKSTONE

LAMINATED CPL 0,5

LAMINATED CPL 0,7

VENEERED GROUP A

VENEERED GROUP B

VENEERED GROUP C

BLACK (RAL 9005)

SINGLE-LEAF PRICE = PRICE OF SELECTED DOOR LEAF**+ PRICE OF FIXED WOODEN REBATED DOOR FRAME****+ EXTRA CHARGE 488/600,24****DOUBLE-LEAF PRICE = 2 x PRICE OF SELECTED DOOR LEAF****+ PRICE OF FIXED WOODEN REBATED DOOR FRAME FOR DOUBLE-LEAF DOOR****+ EXTRA CHARGE 732/900,36****SWING DOOR DIMENSIONS**

width „60"	769x2076 mm	width „60"+„60"	1418x2076 mm
width „70"	869x2076 mm	width „70"+„70"	1618x2076 mm
width „80"	969x2076 mm	width „80"+„80"	1818x2076 mm
width „90"	1069x2076 mm	width „90"+„90"	2018x2076 mm

**DOOR
DIMENSIONS****Fixed wooden frame:**

Single-leaf door:

max. width „90" – 1069 mm, max. height 2276 mm

Double-leaf door:

max. width „90+90" – 2018 mm, max. height 2276 mm

**DOOR LEAF
FINISH**

Smooth surface, painted, veneered, covered with 0.2 – 0.7 mm thick CPL laminate, 0.7 - 1,0 mm thick HPL laminate or wood-like foil

GLAZING

Standard tempered glass o thickness 4 mm or optionally laminated

DOOR FRAME

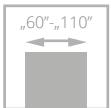
Painted, veneered, covered with CPL 0.15 mm laminate or foil matching the colour of the door leaf.

Fixed pine wood frame – optionally with masking strips**ACCESSORIES
AND EQUIPMENT****Standard equipment**

- swing hinge: height up to 2076 mm - 3 pcs
- height 2176 mm or 2276 mm – 4 pcs

Additional equipment

- roller lock
- porthole
- stainless steel panels
- swing hinges in black - **no extra charge**

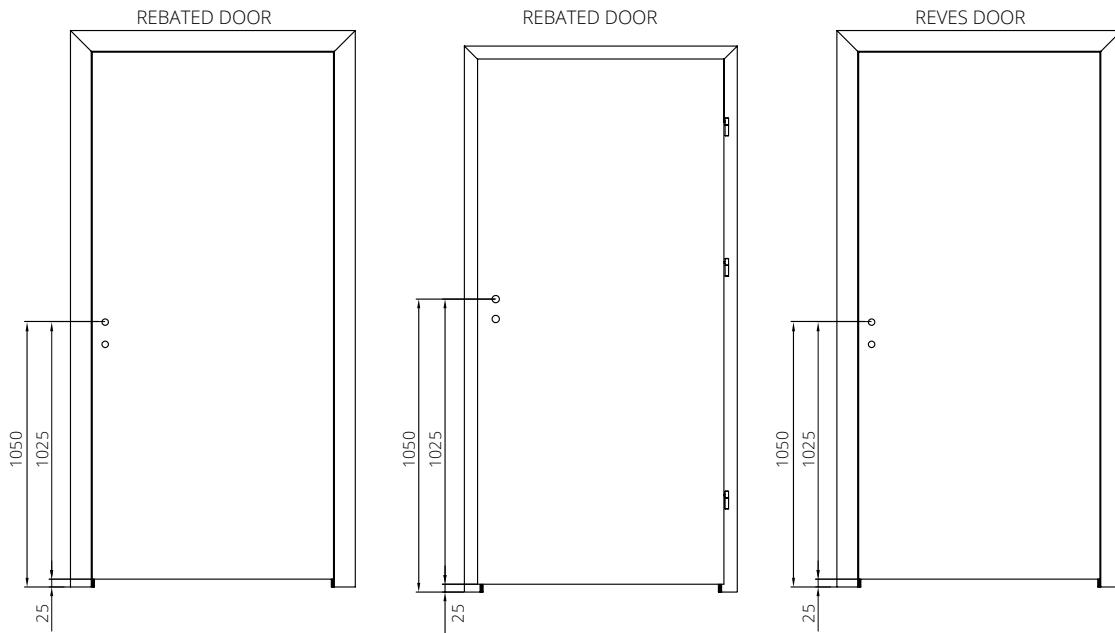


INTERIOR DOORS FOR ROOMS WITH MECHANICAL VENTILATION AND HEAT RECOVERY SYSTEM (MVHR)



Doors with undercut dedicated to the MVHR system are available in models: CAMBIO, SIMPLE, TIARA, INTER-AMBER, IMPULS, SONATA, DECO, DECO LUX, HARMONY, SUBLIME, ANMI, VILANO, VERTIGO, FIORD, MODERN, MODENA, HAPTIC. The door leaves are shorter by 15 mm than the standard height, i.e. 2005 mm (rebate system) and 2025 mm (rebate system and HARMONY outward opening), 2035 mm (HARMONY inward opening), frame remains of standard height..

Doors for the MVHR system are available for the price of a set of standard doors. In the configurator www.drzwionline.pl the option of selecting the door undercut is only possible when selecting the standard height of the leaf and frame as a set.

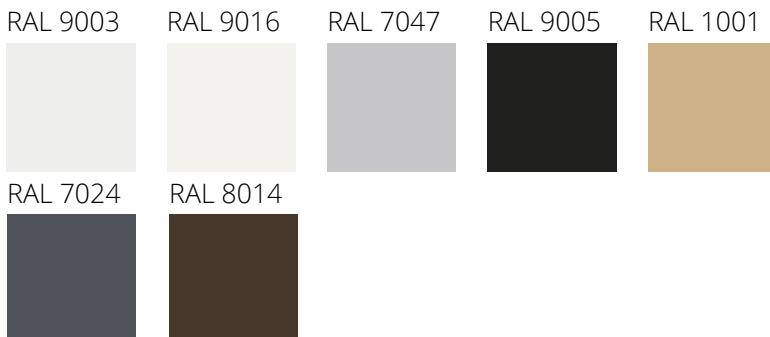


See more inspirations



METAL DOOR FRAME COLOURS

Standard colours: white (RAL 9003), black (RAL 9005), white (RAL 9016), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024). Standard colours available in 3 finishing surfaces: SEMI-MATT (standard), MATT, SEMI-GLOSS (after consultation with the Sales Department). The automatic powder coating application guarantees a uniform paint surface.



RAL COLOURS TABLE
for metal frames

Colour Group	(1-5 pcs)	(6-10 pcs)	(more than 10 pcs)
Group I	+20%	+10%	+5%
Group II	+30%	+20%	+10%
Group III	+35%	+20%	+10%
Group IV	+40%	+25%	+15%
Group V	+60%	+60%	+60%

NEW - 2021 trends



EXTRA CHARGES – STRUCTURES

Extra charge to the basic price of the metal frame
rebated system
non-rebated system
HARMONY in colour RAL 9003, RAL 9005

RAL PALETTE COLOURS DISTRIBUTION

Group I

1000	1002	1011	1013	1015	1019	1020	3009	4001	5000	5001	5004	5005	5007	5008	5009	5010	5011	5013	5014	5017	5019	5020	5021	5022	5023	5024	6000	6003	6004
6005	6006	6007	6008	6011	6012	6013	6014	6015	6019	6020	6026	6027	6033	6034	7000	7001	7002	7003	7004	7005	7006	7008	7009	7010	7011	7012	7013	7015	7016
7021	7022	7023	7026	7030	7031	7032	7033	7034	7035	7036	7037	7038	7039	7040	7042	7043	7044	7045	7046	8000	8001	8002	8003	8004	8007	8011	8012	8015	8017
8019	8022	8023	8024	8025	8028	9001	9002	9010																					

Group II

1014	3000	3001	3002	3004	3007	3011	3013	3016	4002	4008	5002	5003	5012	5015	5018	6017	6022	6025	6029	9018	3031HR	4005HR	4006HR	6002HR	8008HR
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	--------	--------	--------	--------	--------

Group III

3003	3005	3020	3022	6010	6018	6024	1024HR	4004HR	4010HR	6032HR
------	------	------	------	------	------	------	--------	--------	--------	--------

Group IV

3012	3014	6001	6028	3027HR	4003HR	4007HR	6037HR
------	------	------	------	--------	--------	--------	--------

Group V

1003	1004	1005	1006	1016	1017	1018	1021	1023	1027	1032	1033	1034	1037	2000	2001	2002	2004	2009	2010	2011	2012	3018	1027HR	1028HR	2003HR	2008HR	3028HR	9006
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	--------	--------	--------	--------	--------	------

THE COLOURS OF METAL FRAMES LAMINATES CPL

colours of metal door frames

COLOURING POL-SKONE CPL laminate (all colours of laminates listed below are similar to RAL colours)

COLOURING CPL POL-SKONE EGGER (all colours of laminates listed below are similar to RAL colours)

COLOURING CPL POL-SKONE KRONOSPAK (all colours of laminates listed below are similar to RAL colours))

	CPL 0,2 mm	CPL 0,5 mm	CPL 0,7 mm	CPL 0,2 mm	CPL 0,6 mm	CPL 0,8 mm	CPL 0,2 mm	CPL 0,5 mm	CPL 0,6 mm
RAL 9003	no match	no match	no match	W1000 SM	W1000 SM	W1000 SM	8685 BS	8685 BS	8685 BS
RAL 9016	820	920	720	W980 SM	W980 SM	W980 SM	8100 BS	8100 BS	8100 BS
RAL 1001	no match								
RAL 7047	-	-	-	U708 SM	U708 SM	U708SM	112 BS	112 BS	112 BS
RAL 7024	821	921	721	U963 ST 9	U963 ST9	U963 ST9	164 BS	164 BS	164 BS
RAL 8014	-	-	-	U808 ST9	U808 ST9	U808 ST9	182 BS	182 BS	182 BS
RAL 7035	222	259	772	-	-	-	-	-	-

suggestion of colour matching, to be verified each time

EGGER structure: SM – smooth surface, ST 9- orange peel structure
available formats EGGER: 960x 2060mm; 1160x 2060mm and height 2160mm; 2260mm

KRONOSPAK structure: BS – orange peel structure, SM – smooth structure
available formats KRONOSPAK: 1320x 2060mm; 1100x 2060mm and height 2160mm; 2260mm



See more
inspira-
tions

Approval no AT-15-9775/2016

FIXED

door frame METAL DUO POL-SKONE SYSTEM



NOTE! THE PRICE OF THE DUO METAL FRAME INCLUDES CONCEALED DUO HINGES

DEDICATED TO

Interior doors

non-rebated metal door frame, suitable for concealed DUO hinges, made of 1,5 mm thick metal sheet

COLOURS

Door frame painted with powder paint. Standard colours: white (RAL 9003), black (RAL 9005), white (RAL 9016), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024). Others colours acc. to RAL palette available for an extra charge - acc. to table of extra charges (p. 63)



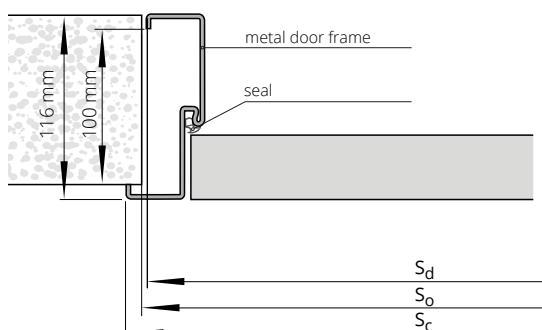
	single-leaf door				double-leaf door			
symbol	range in mm		„60”÷„80”	„90”	„100”÷„110”	„60”+“60”, „60”+“70”, „60”+“80”, „70”+“70”, „70”+“80”	„90”+“60”	„160”+“200”
FD93	101	785/965,55	873/1073,79	974/1198,02	1222/1503,06	1401/1723,23	1647/2025,81	
no of concealed hinges	2 pcs	3 pcs	3 pcs	4 pcs	6 pcs	6 pcs		

ACCESSORIES AND EQUIPMENT
(at extra charge)

door frame shorter by 55 or 100 mm	+10%
door frame higher by 50 mm	+5%
door frame higher by 100 mm	+10%
door frame higher by 150 mm	+15%
door frame higher by 200 mm	+20%
adaptation for the electric door strike	80/98,40
reinforcement for the surface-mounted door closer	25/30,75
reinforcement for the concealed automatic door closer GEZE BOXER 2-4; ITS 96 2-4	50/61,50
hinge DUO to metal door frame (concealed) - 1 pcs	80/98,40
electric door strike BIRA HARTE XS narrow with slide (NO version) XS12R-C 12V DC (including the hook plate SPEC-576 and milling for an electric door strike)*	195/239,85
electric door strike BIRA HARTE XS narrow with slide (NC version) XS12U-C 12V AC/DC (including the hook plate SPEC-576 and adaptation for electric door strike)*	158/194,34
electric door strike BIRA HARTE XS narrow with slide (NC version with switch) XS12UW-C 12V (including the hook plate SPEC-576 and adjustment for electric door strike)*	168/206,64
Reed switch MC 250 recessed	53/65,19
MC200-S19 mounting flange for reed switch (white colour) (to metal door frames)	30/36,90

*for leaves equipped with
ECO Schulte GBS 12 extra
charge + 50/61,50

In the case of frames fitted with an electric strike, the width of the mounting hole must be increased by an additional 5 mm.



Sd - door width on the outside of the frame
So - mounting hole width
Sc - total width of the frame

Hd - door height on the outside of the frame
Ho - height of the mounting hole
Hc - total height of the frame

WIDTH

	single-leaf door			double-leaf door			
typ	S ₀	S _d	S _c	typ	S ₀	S _d	S _c
„60”	685	675	701	„120”	1300	1290	1316
„70”	785	775	801	„130”	1400	1390	1416
„80”	885	875	901	„140”	1500	1490	1516
„90”	985	975	1001	„150”	1600	1590	1616
„90”plus	1010	1000	1026	„160”	1700	1690	1716
„100”	1085	1075	1101	„170”	1800	1790	1816
„110”	1185	1175	1201	„180”	1900	1890	1916
				„190”	2000	1990	2016
				„200”	2100	2090	2116

HEIGHT

	H ₀	H _c	H _d
	2080	2088	2075



See more
inspirations

Approval no AT-15-9775/2016

FIXED

door frame METAL POL-SKONE SYSTEM



DEDICATED TO

Interior door

Depending on the type, metal frames are made of metal sheet of thickness:
FD14 - 1,5 mm thick
FD12 - 1,5 mm thick



COLOURS

Door frame painted with powder paint. Standard colours: white (RAL 9003), black (RAL 9005), white (RAL 9016), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024). Others colours acc. to RAL palette available for an extra charge - acc. to table of extra charges (p. 63)

ACCESSORIES AND EQUIPMENT (for extra charge)

* mounting holes in
the frame surface
can be ordered

	single-leaf door	double-leaf door	
door frame type	„60”÷„90” FD14 small	„100”÷„120” 343/421,89	„120”÷„150” 460/565,80
	FD12 big*	„160”÷„200” 399/490,77	629/773,67
		437/537,51	520/639,60
			691/849,93
door frame shorter by 50 or 100 mm			+10%
door frame higher by 50 mm			+5%
door frame higher by 100 mm			+10%
door frame higher by 150 mm			+15%
door frame higher by 200 mm			+20%
stainless steel threshold for FD12 frame - 1 pcs			115/141,45
reinforcement for surface-mounted door closer			25/30,75
adjustment for electric door strike			80/98,40
extra type M hinge for metal door frame (width „60”-“80”) - 1 pcs			17/20,91
replacement of hinge for type T for metal frame (width „60”-“80”) - 1 pcs			22/27,06
electric door strike (NC version) JIS type 1710-12 AC (including the hook plate)*			116/142,68
recessed - 53/65,19			
mounting flange			
MC200-S19 to read switch MC 250			
electric door strike (NC version) BIRA HARTE XS narrow XS12U 12V AC/DC (including the hook plate)*			116/142,68
switch (white colour) -			
(to metal door frame) -			
30/36,90			
electric door strike BIRA HARTE XS narrow XS12R 12V DC (including the hook plate)*			121/148,83
			175/215,25

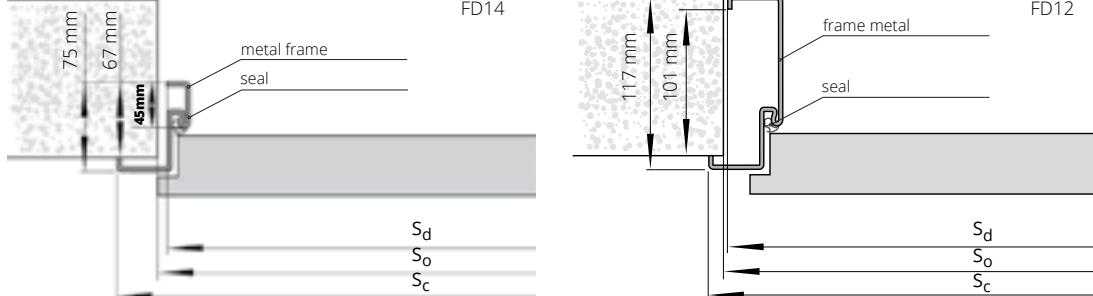
WIDTH FD14

	single-leaf door			double-leaf door			single-leaf door			double-leaf door					
typ	S ₀	S _d	S _c	typ	S ₀	S _d	S _c	typ	S ₀	S _d	S _c	typ	S ₀	S _d	S _c
„60”	673	633	697	„120”	1307	1267	1331	„60”	681	671	697	„120”	1315	1305	1331
„70”	773	733	797	„130”	1407	1367	1431	„70”	781	771	797	„130”	1415	1405	1431
„80”	873	833	897	„140”	1507	1467	1531	„80”	881	871	897	„140”	1515	1505	1531
„90”	973	933	997	„150”	1607	1567	1631	„90”	981	971	997	„150”	1615	1605	1631
„90”plus	983	943	1007	„160”	1707	1667	1731	„90”plus	991	981	1007	„160”	1715	1705	1731
„100”	1073	1033	1097	„170”	1807	1767	1831	„100”	1081	1071	1097	„170”	1815	1805	1831
„110”	1173	1133	1197	„180”	1907	1867	1931	„110”	1181	1171	1197	„180”	1915	1905	1931
„120”	1273	1233	1297	„190”	2007	1967	2031	„120”	1281	1271	1297	„190”	2015	2005	2031
				„200”	2107	2067	2131					„200”	2115	2105	2131
					2036	2046	2068						2055	2060	2068

HEIGHT

HEIGHT

H_d H_o H_c



In the case of frames fitted with an electric strike, the width of the mounting hole must be increased by an additional 5 mm..



See more
inspira-
tions

Approval no AT-15-9775/2016

ADJUSTABLE door frame METAL DUO POL-SKONE SYSTEM



NOTE! THE PRICE OF THE DUO METAL FRAME INCLUDES CONCEALED DUO HINGES

DEDICATED TO

Interior doors

non-rebated metal door frame, suitable for concealed DUO hinges, made of 1,5 mm thick metal sheet

COLOURS

Door frame painted with powder paint. Standard colours: white (RAL 9003), black (RAL 9005), white (RAL 9016), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024). Others colours acc. to RAL palette available for an extra charge - acc. to table of extra charges (p. 63)



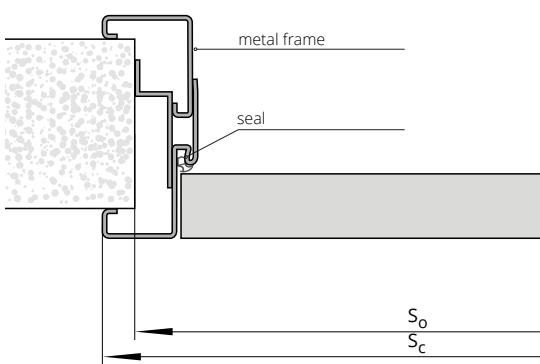
symbol	range in mm	single-leaf door			double-leaf door		
		"60" - "80"	"90"	"100" - "110"	"60"+"60", "60"+"70", "60"+"80", "70"+"70", "70"+"80"	"90"+"60"	"160"- "200"
F71	110-140	975 /1199,25	1065 /1309,95	1232 /1515,36	1514 /1862,22	1693 /2082,39	1975 /2429,25
F72	140-170	1020 /1254,60	1110 /1365,30	1280 /1574,40	1559 /1917,57	1737 /2136,51	2017 /2480,91
F73	170-200	1067 /1312,41	1157 /1423,11	1317 /1619,91	1604 /1972,92	1782 /2191,86	2064 /2538,72
F74	200-230	1111 /1366,53	1199 /1474,77	1368 /1682,64	1650 /2029,50	1828 /2248,44	2099 /2581,77
F75	230-260	1156 /1421,88	1244 /1530,12	1458 /1793,34	1693 /2082,39	1872 /2302,56	2109 /2594,07
F76	260-290	1264 /1554,72	1290 /1586,70	1503 /1848,69	1775 /2183,25	1953 /2402,19	2198 /2703,54
F77	290-320	1278 /1571,94	1367 /1681,41	1547 /1902,81	1785 /2195,55	1963 /2414,49	2245 /2761,35
F78	320-350	1290 /1586,70	1380 /1697,40	1593 /1959,39	1828 /2248,44	2006 /2467,38	2287 /2813,01
F79	350-380	1336 /1643,28	1426 /1753,98	1638 /2014,74	1874 /2305,02	2053 /2525,19	2333 /2869,59
no of concealed hinges		2 pcs	3 pcs	3 pcs	4 pcs	6 pcs	6 pcs

ACCESSORIES AND EQUIPMENT (at extra charge)

door frame shorter by 55 or 100 mm	+10%
door frame higher by 50 mm	+5%
door frame higher by 100 mm	+10%
door frame higher by 150 mm	+15%
door frame higher by 200 mm	+20%
reinforcement for the surface-mounted door closer	25 /30,75
adaptation for the electric door strike	80 /98,40
DUO hinge for metal frame (concealed) - 1 pcs	80 /98,40
electric door strike BIRA HARTE XS narrow with slide (NO version) XS12R-C 12V DC (including the hook plate SPEC576 and milling for an electric door strike)*	195 /239,85
electric door strike BIRA HARTE XS narrow with slide (NC version) XS12U-C 12V AC/DC (including the hook plate SPEC-576 and adaptation for electric door strike)*	158 /194,34
electric door strike BIRA HARTE XS narrow with slide (NC version with switch) XS12UW-C 12V (including the hook plate SPEC-576 and adjustment for electric door strike)*	168 /206,64
additional ZOX adjustment for non-rebated adjustable frame (increase in range of wall width 650 mm)	290 /356,70

reed switch MC 250 recessed
mounting flange MC200-S19 to reed switch (white colour) (to metal door frame) -

53/65,19
30/36,90



WIDTH	single-leaf door		double-leaf door			
	typ	S _c	S _o	typ	S _c	S _o
"60"	721	693		"120"	1336	1308
"70"	821	793		"130"	1436	1408
"80"	921	893		"140"	1536	1508
"90"	1021	993		"150"	1636	1608
"90"plus	1046	1018		"160"	1736	1708
"100"	1121	1093		"170"	1836	1808
"110"	1221	1193		"180"	1936	1908
				"190"	2036	2008
				"200"	2136	2108
HEIGHT				H _o	H _c	
				2085	2098	

S_c – mounting hole width
S_o – total width of the frame

Ho – height of the mounting hole
Hc – total height of the frame



Approval no AT-15-9775/2016

ADJUSTABLE door frame METAL POL-SKONE SYSTEM



DEDICATED TO

Interior doors

frame made of 1,5 mm thick metal sheet

COLOURS

Door frame painted with powder paint. Standard colours: white (RAL 9003), black (RAL 9005), white (RAL 9016), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024). Others colours acc. to RAL palette available for an extra charge - acc. to table of extra charges (p. 63)



symbol	range mm	single-leaf door		double-leaf door	
		„60”÷„90”	„100”÷„120”	„120”÷„150”	„160”÷„200”
Z01	95-125	647 /795,81	744 /915,12	873 /1073,79	1025 /1260,75
Z02	125-155	691 /849,93	791 /972,93	917 /1127,91	1071 /1317,33
Z03	155-185	737 /906,51	836 /1028,28	962 /1183,26	1116 /1372,68
Z04	185-215	782 /961,86	881 /1083,63	1007 /1238,61	1160 /1426,80
Z05	215-245	825 /1014,75	924 /1136,52	1052 /1293,96	1205 /1482,15
Z06	245-275	873 /1073,79	970 /1193,10	1097 /1349,31	1252 /1539,96
Z07	275-305	917 /1127,91	1015 /1248,45	1142 /1404,66	1296 /1594,08
Z08	305-335	962 /1183,26	1060 /1303,80	1186 /1458,78	1341 /1649,43
Z09	335-365	1007 /1238,61	1106 /1360,38	1231 /1514,13	1387 /1706,01

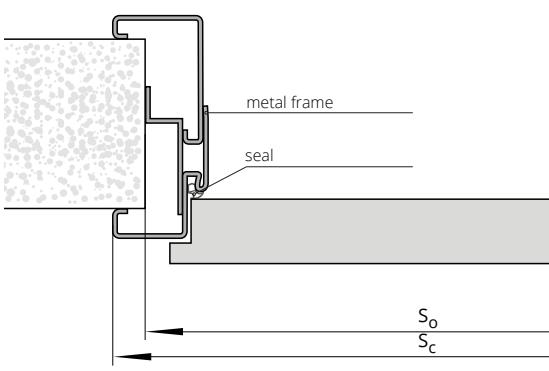
ACCESSORIES AND EQUIPMENT

(at extra charge)

door frame shorter by 50 mm or 100 mm	+10%
door frame higher by 50 mm	+5%
door frame higher by 100 mm	+10%
door frame higher by 150 mm	+15%
door frame higher by 200 mm	+20%
reinforcement for the surface-mounted door closer	25 /30,75
adaptation for the electric door strike	80 /98,40
extra hinge M for metal frame (width „60”-„80”) - 1 pcs	17 /20,91
replacement of hinge for type T for metal frame (width „60”-„80”) - 1 pcs	22 /27,06
electric door strike (NC version) JiS type 1710-12 AC (including the hook plate)*	116 /142,68
electric door strike (NC version) BIRA HARTE XS narrow XS12U 12V AC/DC (including the hook plate)*	116 /142,68
electric door strike (NC version with switch) BIRA HARTE XS narrow XS12UW 12V AC/DC (including the hook plate)*	121 /148,83
electric door strike BIRA HARTE XS narrow XS12R 12V DC (including the hook plate)*	175 /215,25
additional ZOX adjustment for non-rebated adjustable frame (increase in range of wall width 650 mm)	290 /356,70

reed switch MC 250 recessed

mounting flange MC200-S19 to reed switch (white colour) (to metal door frame)

53/65,19**30**/36,90

So - mounting hole width

Sc - total width of the frame

Ho - height of the mounting hole

Hc - total height of the frame

WIDTH

typ	single-leaf door				double-leaf door				
	S _o	S _c	H _o	H _c	typ	S _o	S _c	H _o	H _c
„60”	690	717			„120”	1325	1351		
„70”	790	817			„130”	1425	1451		
„80”	890	917			„140”	1525	1551		
„90”	990	1017			„150”	1625	1651		
„90” plus	1000	1027			„160”	1725	1751	2065	2078
„100”	1090	1117			„170”	1825	1851		
„110”	1190	1217			„180”	1925	1951		
„120”	1290	1317			„190”	2025	2051		
					„200”	2125	2151		



See more
inspirations

Approval no AT-15-9775/2016

FIXED

door frame

METAL DIAGONAL

POL-SKONE SYSTEM



POL-SKONE interior leaves with metal frame and door closer are fitted with T-type hinges as standard („60” - „80” - 3 pcs, „90” - „120” - 4 pcs)

Frame made of top quality 1.5 mm thick steel sheet



DEDICATED TO

Interior door

Door frame made of sheet metal thickness: 1.5 mm.

COLOURS

Door frame painted with powder paint. Standard colours: white (RAL 9003), black (RAL 9005), white (RAL 9016), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024). Others colours acc. to RAL palette available for an extra charge - acc. to table of extra charges (p. 63)

single-leaf door	double-leaf door
„60”÷„90”	„100”÷„120”
444 /546,12	484 /595,32

FD15 metal sheet thickness 1,5 mm

ACCESSORIES AND EQUIPMENT

(at extra charge)

door frame shorter by 50 mm or 100 mm	+10%
door frame higher by 50 mm	+5%
door frame higher by 100 mm	+10%
door frame higher by 150 mm	+15%
door frame higher by 200 mm	+20%
reinforcement for the surface-mounted door closer	25 /30,75
adaptation for the electric door strike	80 /98,40
extra type M hinge for metal frame (width „60”-„80”) - 1 pcs	17 /20,91
replacement of hinge for type T for metal frame (width „60”-„80”) - 1 pcs	22 /27,06
electric door strike (NC version) JIS type 1710-12 AC (including the hook plate)*	116 /142,68
electric door strike (NC version) BIRA HARTE XS narrow XS12U 12V AC/DC (including the hook plate)*	116 /142,68
electric door strike (NC version with switch) BIRA HARTE XS narrow XS12UW 12V AC/DC (including the hook plate)*	221 /217,83
electric door strike BIRA HARTE XS narrow XS12R 12V DC (including the hook plate)*	175 /215,25
reed switch MC 250 recessed	53 /65,19
mounting flange MC200-S19 to reed switch (white colour) (to metal door frame)	30 /36,90

WIDTH

typ	single-leaf door			double-leaf door			
	S _o	S _d	S _c	typ	S _o	S _d	S _c
„60”	700	691	717	„120”	1335	1325	1351
„70”	800	791	817	„130”	1435	1425	1451
„80”	900	891	917	„140”	1535	1525	1551
„90”	1000	991	1017	„150”	1635	1625	1651
„90” plus	1010	1001	1027	„160”	1735	1725	1751
„100”	1100	1091	1117	„170”	1835	1825	1851
„110”	1200	1191	1217	„180”	1935	1925	1951
„120”	1300	1291	1317	„190”	2035	2025	2051
				„200”	2135	2125	2151
HEIGHT				H _o	H _c	H _d	
				2069	2078	2065	

S_o - mounting hole width

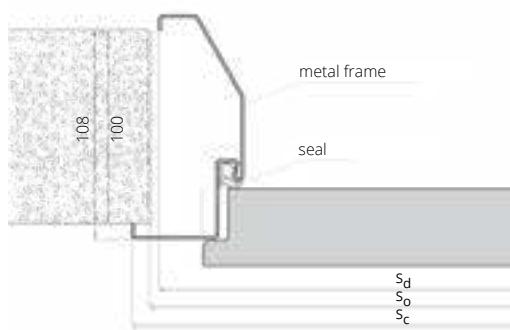
S_c - total width of the frame

S_d - door width on the outside of the frame

H_d - height of the mounting hole

H_c - door height on the outside of the frame

H_o - total height of the frame





See more inspirations

Approval nr AT-15-9775/2016



POL-SKONE interior leaves with metal frame and door closer are fitted with T-type hinges as standard („60“ - „80“ - 3 pcs, „90“ - „120“ - 4 pcs)

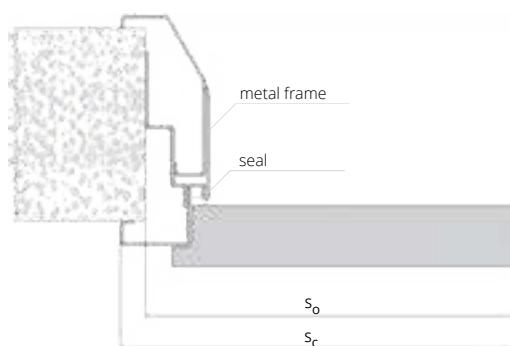
Frame made of top quality 1.5 mm thick steel sheet

reed switch MC 250 recessed

mounting flange MC200-S19 to reed switch (white colour) (to metal door frame)

53/65,19

30/36,90



S_o - mounting hole width
S_c - total width of the frame

H_o - height of the mounting hole
H_c - total height of the frame

ADJUSTABLE door frame

METAL DIAGONAL SYSTEM POL-SKONE

DEDICATED TO

Interior doors

COLOURS

Door frame painted with powder paint. Standard colours: white (RAL 9003), black (RAL 9005), white (RAL 9016), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024). Others colours acc. to RAL palette available for an extra charge - acc. to table of extra charges (p. 63)



symbol	range in mm	single-leaf door		double-leaf door	
		„60“÷„90“	„100“ ÷ „120“	„120“÷„150“	„160“÷„200“
D01	125-155	766 /942,18	877 /1078,71	1034 /1271,82	1228 /1510,44
D02	155-185	811 /997,53	930 /1143,90	1093 /1344,39	1294 /1591,62
D03	185-215	856 /1052,88	982 /1207,86	1153 /1418,19	1368 /1682,64
D04	215-245	900 /1107,00	1034 /1271,82	1212 /1490,76	1442 /1773,66
D05	245-275	944 /1161,12	1086 /1335,78	1271 /1563,33	1510 /1857,30
D06	275-305	989 /1216,47	1138 /1399,74	1339 /1646,97	1584 /1948,32
D07	305-335	1034 /1271,82	1190 /1463,70	1398 /1719,54	1651 /2030,73
D08	335-365	1079 /1327,17	1242 /1527,66	1458 /1793,34	1726 /2122,98

ACCESSORIES AND EQUIPMENT (at extra charge)	door frame shorter by 50 mm or 100 mm	+10%
	door frame higher by 50 mm	+5%
	door frame higher by 100 mm	+10%
	door frame higher by 150 mm	+15%
	door frame higher by 200 mm	+20%
	reinforcement for the surface-mounted door closer	25 /30,75
	adaptation for the electric door strike	80 /98,40
	extra type M hinge for metal frame (width „60“-„80“) - 1 pcs	17 /20,91
	replacement of hinge for type T for metal frame (width „60“-„80“) - 1 pcs	22 /27,06
	electric door strike (NC version) JIS type 1710-12 AC (including the hook plate)*	116 /142,68
	electric door strike (NC version) BIRA HARTE XS narrow XS12U 12V AC/DC (including the hook plate)*	116 /142,68
	electric door strike (NC version with switch) BIRA HARTE XS narrow XS12UW 12V AC/DC (including the hook plate)*	121 /148,83
	electric door strike BIRA HARTE XS narrow XS12R 12V DC (including the hook plate)*	175 /215,25

WIDTH				
	single-leaf door		double-leaf door	
typ	S _o	S _c	H _o	H _c
„60“	690	717		
„70“	790	817		
„80“	890	917		
„90“	990	1017		
„90“ plus	1000	1027	2065	2078
„100“	1090	1117		
„110“	1190	1217		
„120“	1290	1317		
			„120“	1325 1351
			„130“	1425 1451
			„140“	1525 1551
			„150“	1625 1651
			„160“	1725 1751
			„170“	1825 1851
			„180“	1925 1951
			„190“	2025 2051
			„200“	2125 2151



See more
inspirations

Approval no AT-15-9775/2016



In the case of frames fitted with an electric strike, the width of the mounting hole must be increased by an additional 5 mm

FIXED door frame METAL LUMEN

DEDICATED TO

LUMEN glass pane

door frame made of 1,5 mm thick metal sheet

COLOURS

Door frame painted with powder paint. Standard colours: white (RAL 9003), black (RAL 9005), white (RAL 9016), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024). Others colours acc. to RAL palette available for an extra charge - acc. to table of extra charges (p. 63)



single-leaf door

„60”-„90”

399/490,77

ACCESSORIES AND EQUIPMENT (at extra charge)

adaptation for the electric door strike	80/98,40
electric door strike (NC version) JiS type 1710-12 AC (including the hook plate)*	116/142,68
electric door strike (NC version) BIRA HARTE XS narrow XS12U 12V AC/DC (including the hook plate)*	116/142,68
electric door strike (NC version with switch) BIRA HARTE XS narrow XS12UW 12V AC/DC (including the hook plate)*	121/148,83
electric door strike BIRA HARTE XS narrow XS12R 12V DC (including the hook plate)*	175/215,25

WIDTH FD12 LUMEN

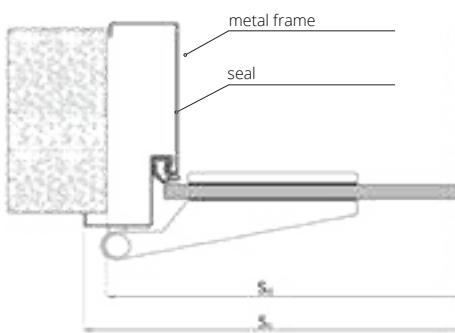
	single-leaf door			
type	S ₀	S _d	S _C	S _s
„60”	681	671	697	617
„70”	781	771	797	717
„80”	881	871	897	817
„90”	981	971	997	917

HEIGHT	H _d	H ₀	H _C	H _s
	2055	2060	2068	2017

S_d - door width on the outside of the frame
S₀ - mounting hole width
S_C - total width of the frame
S_s - width of the leaf

H_d - door height on the outside of the frame
H₀ - height of the mounting hole
H_C - total height of the frame
H_s - height of the leaf

FD12 LUMEN

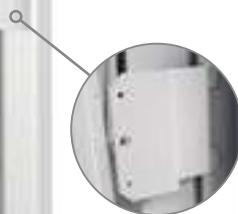




See more inspirations



ADJUSTABLE door frame METAL LUMEN



DEDICATED TO

LUMEN glass pane

door frame made of 1,5 mm thick metal sheet

COLOURS

Door frame painted with powder paint. Standard colours: white (RAL 9003), black (RAL 9005), white (RAL 9016), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024). Others colours acc. to RAL palette available for an extra charge - acc. to table of extra charges (p. 63)

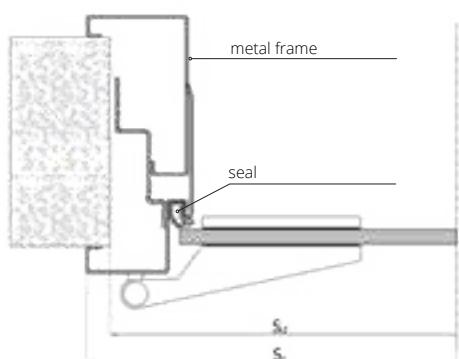


symbol	range mm	single-leaf door „60”÷„90”
ZO1	95-125	685 /842,55
ZO2	125-155	691 /849,93
ZO3	155-185	737 /906,51
ZO4	185-215	782 /961,86
ZO5	215-245	825 /1014,75
ZO6	245-275	873 /1073,79
ZO7	275-305	917 /1127,91
ZO8	305-335	962 /1183,26
ZO9	335-365	1007 /1238,61

ACCESSORIES AND EQUIPMENT

(at extra charge)

additional ZOX adjustment for rebated adjustable frame (increase in range of wall width 650 mm)	290 /356,70
adjustment for electric door strike	80 /98,40
electric door strike (NC version) JIS type 1710-12 AC (including the hook plate)*	116 /142,68
electric door strike (NC version) BIRA HARTE XS narrow XS12U 12V AC/DC (including the hook plate)*	116 /142,68
electric door strike (NC version with switch) BIRA HARTE XS narrow XS12UW 12V AC/DC (including the hook plate)*	121 /148,83
electric door strike BIRA HARTE XS narrow XS12R 12V DC (including the hook plate)*	175 /215,25



WIDTH FD61 LUMEN

type	single-leaf door			
	S _O	S _d	S _C	S _S
„60”	690	685	717	617
„70”	790	785	817	717
„80”	890	885	917	817
„90”	990	985	1017	917

HEIGHT	H _d	H _O	H _C	H _S
	2062	2065	2078	2017

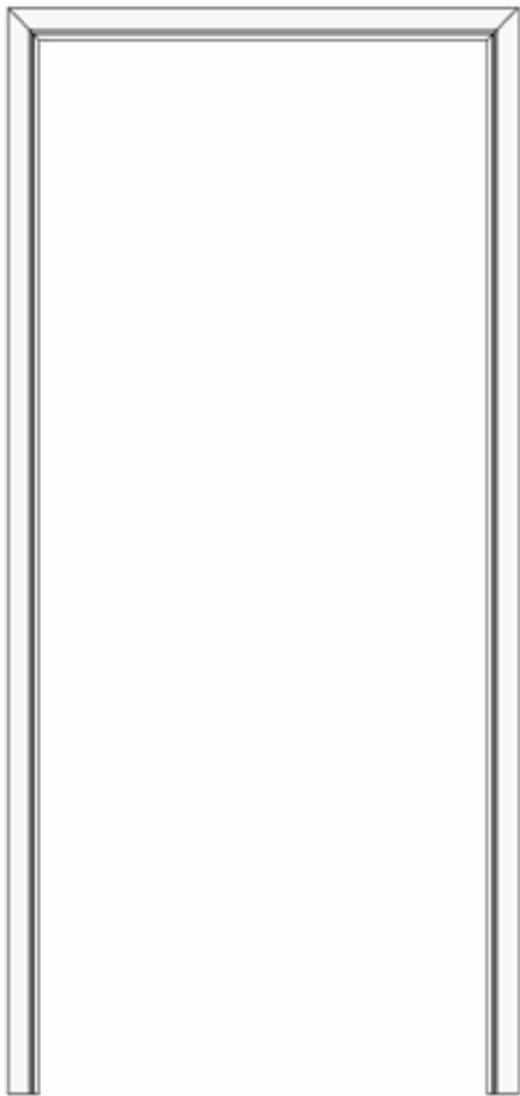
S_d - door width on the outside of the frame
 S_O - mounting hole width
 S_C - total width of the frame
 S_s - width of the leaf

H_d - door height on the outside of the frame
 H_O - height of the mounting hole
 H_C - total height of the frame
 H_S - height of the leaf



See more
inspirations

National Technical Assessment ITB-KOT-2018/0407



ADJUSTABLE METAL FRAME TO DOOR EI30 PLUS, EI60 PLUS

DEDICATED TO

Fire-rated leaves EI 30 Plus, EI 60 Plus

COLOURS

Door frame painted with powder paint. Standard colours: white (RAL 9003), black (RAL 9005), white (RAL 9016), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024). Others colours acc. to RAL palette available for an extra charge - acc. to table of extra charges (p. 63)

symbol	range mm	single-leaf door EI30 PLUS p. 26		
		„90”	„100”	„110”
S30	100-130	1137/1398,51	1195/1469,85	1254/1542,42
S31	130-160	1137/1398,51	1195/1469,85	1254/1542,42
S32	160-190	1143/1405,89	1202/1478,46	1396/1717,08
S33	190-220	1267/1558,41	1332/1638,36	1402/1724,46
S34	220-250	1273/1565,79	1337/1644,51	1402/1724,46
S35	250-280	1273/1565,79	1337/1644,51	1409/1733,07
S36	280-310	1280/1574,40	1345/1654,35	1409/1733,07
S37	310-340	1280/1574,40	1345/1654,35	1409/1733,07
S38	340-370	1285/1580,55	1350/1660,50	1415/1740,45
S39	370-400	1285/1580,55	1350/1660,50	1415/1740,45
do dwuleafwych extra charge +50%				

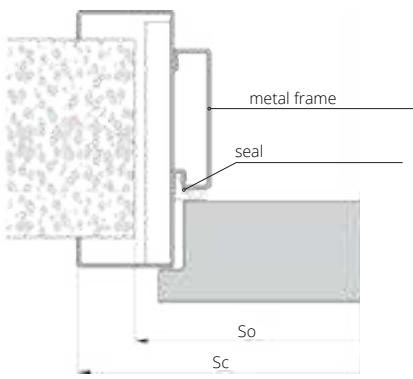
symbol	range mm	single-leaf door EI60 PLUS (p. 30)		
		„90”	„100”	„110”
S60	100-130	1156/1421,88	1215/1494,45	1273/1565,79
S61	130-160	1156/1421,88	1215/1494,45	1273/1565,79
S62	160-190	1156/1421,88	1215/1494,45	1273/1565,79
S63	190-220	1286/1581,78	1350/1660,50	1415/1740,45
S64	220-250	1293/1590,39	1357/1669,11	1423/1750,29
S65	250-280	1293/1590,39	1357/1669,11	1423/1750,29
S66	280-310	1298/1596,54	1363/1676,49	1428/1756,44
S67	310-340	1306/1606,38	1376/1692,48	1441/1772,43
S68	340-370	1306/1606,38	1376/1692,48	1441/1772,43
S69	370-400	1306/1606,38	1376/1692,48	1441/1772,43
do dwuleafwych extra charge +50%				

ACCESSORIES AND EQUIPMENT (at extra charge)	adjustment for electric door strike	80 / 98,40
	reinforcement for the concealed automatic door closer GEZE BOXER 2-4; ITS 96 2-4; ITS 96 3-6	50 / 61,50
	reed switch MC 250 recessed	53/65,19
	mounting flange MC200-S19 to reed switch (white colour) (to metal door frame)	30/36,90

WIDTH	single-leaf door				double-leaf door					
	type	S_O	S_C	H_O	H_C	type	S_O	S_C	H_O	H_C
„60”	665	724				„120”	1303	1362		
„70”	765	824				„130”	1403	1462		
„80”	865	924				„140”	1503	1562		
„90”	965	1024	2055	2081		„150”	1603	1662		
„90” plus	985	1044				„160”	1703	1762	2055	2081
„100”	1065	1124				„170”	1803	1862		
„110”	1165	1224				„180”	1903	1962		
						„190”	2003	2062		
						„200”	2103	2162		

*width 90 plus allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°

Frame made of 1,5 mm thick metal sheet



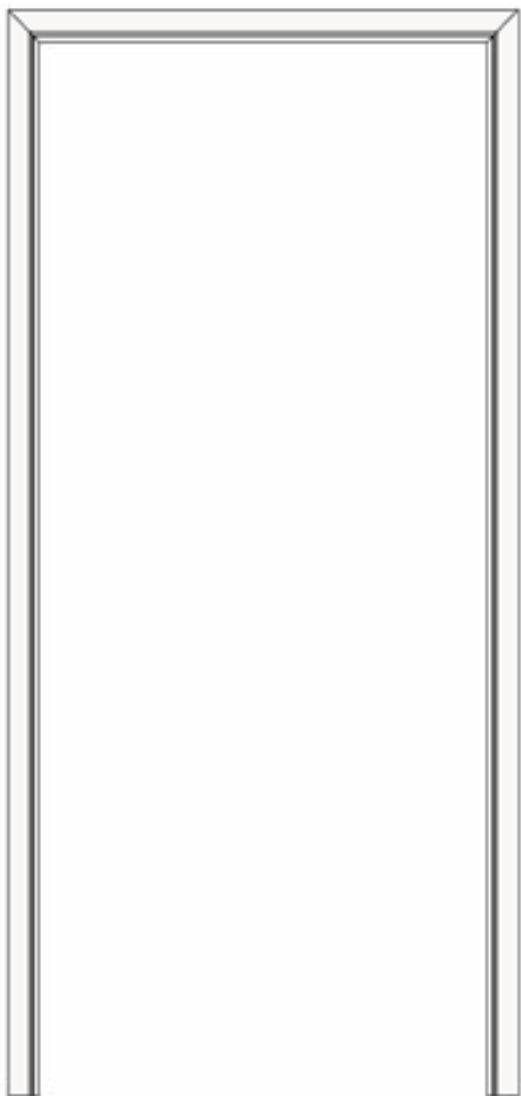
So - mounting hole width
Sc - total width of the frame

Ho - height of the mounting hole
Hc - total height of the frame



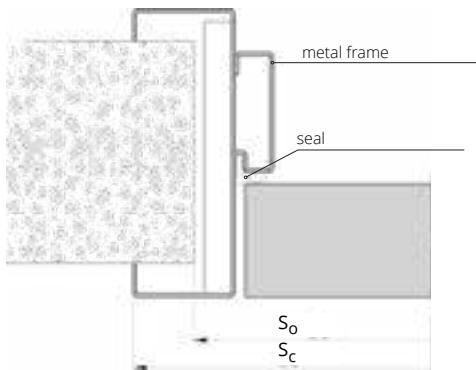
See more
inspirations

National Technical Assessment ITB-KOT-2018/0407



Necessity of forging a hole in the wall for the casing boxes

Frame made of 1.5 mm thick steel sheet



S_o - mounting hole width
 S_c - total width of the frame
 H_o - height of the mounting hole
 H_c - total height of the frame

ADJUSTABLE door frame METAL DUO TO DOOR EI30 PLUS, EI60 PLUS

DEDICATED TO

Fire-rated door EI 30 Plus, EI 60 Plus

COLOURS

Door frame painted with powder paint. Standard colours: white (RAL 9003), black (RAL 9005), white (RAL 9016), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024). Others colours acc. to RAL palette available for an extra charge - acc. to table of extra charges (p. 63)

symbol	range mm	single-leaf door EI30 PLUS (p.28), EI60 PLUS (p.32)		
		„90”	„100”	„110”
D30	100-130	1448 /1781,04	1513 /1860,99	1623 /1996,29
D31	130-160	1448 /1781,04	1513 /1860,99	1623 /1996,29
D32	160-190	1454 /1788,42	1519 /1868,37	1630 /2004,90
D33	190-220	1578 /1940,94	1662 /2044,26	1766 /2172,18
D34	220-250	1578 /1940,94	1662 /2044,26	1766 /2172,18
D35	250-280	1578 /1940,94	1662 /2044,26	1766 /2172,18
D36	280-310	1753 /2156,19	1838 /2260,74	1942 /2388,66
D37	310-340	1753 /2156,19	1838 /2260,74	1942 /2388,66
D38	340-370	1753 /2156,19	1838 /2260,74	1942 /2388,66
D39	370-400	1753 /2156,19	1838 /2260,74	1942 /2388,66

extra charge to double-leaf **+50%**

symbol	range mm	single-leaf door EI30 PLUS (p.28), EI60 PLUS (p.32)		
		„90”	„100”	„110”
D60	100-130	1448 /1781,04	1513 /1860,99	1623 /1996,29
D61	130-160	1448 /1781,04	1513 /1860,99	1623 /1996,29
D62	160-190	1454 /1788,42	1519 /1868,37	1630 /2004,90
D63	190-220	1578 /1940,94	1662 /2044,26	1766 /2172,18
D64	220-250	1578 /1940,94	1662 /2044,26	1766 /2172,18
D65	250-280	1578 /1940,94	1662 /2044,26	1766 /2172,18
D66	280-310	1753 /2156,19	1838 /2260,74	1942 /2388,66
D67	310-340	1753 /2156,19	1838 /2260,74	1942 /2388,66
D68	340-370	1753 /2156,19	1838 /2260,74	1942 /2388,66
D69	370-400	1753 /2156,19	1838 /2260,74	1942 /2388,66

extra charge to double-leaf **+50%**

ACCESSORIES AND EQUIPMENT (at extra charge)

adjustment for electric door strike	80 / 98,40
reinforcement for the concealed automatic door closer GEZE BOXER 2-4; ITS 96 2-4; ITS 96 3-6	50 / 61,50
extra charge for hinges	p. 77
reed switch MC 250 recessed	53 / 65,19
mounting flange MC200-S19 to reed switch (white colour) (to metal door frame)	30 / 36,90

WIDTH

single-leaf door		double-leaf door			
type	S _c	S _o	type	S _c	S _o
„60”	724	665	„120”	1340	1280
„70”	824	765	„130”	1440	1380
„80”	924	865	„140”	1540	1480
„90”	1024	965	„150”	1640	1580
„90”plus	1084	1025	„160”	1740	1680
„100”	1124	1065	„170”	1840	1780
„110”	1224	1165	„180”	1940	1880
			„190”	2040	1980
			„200”	2140	2080

HEIGHT

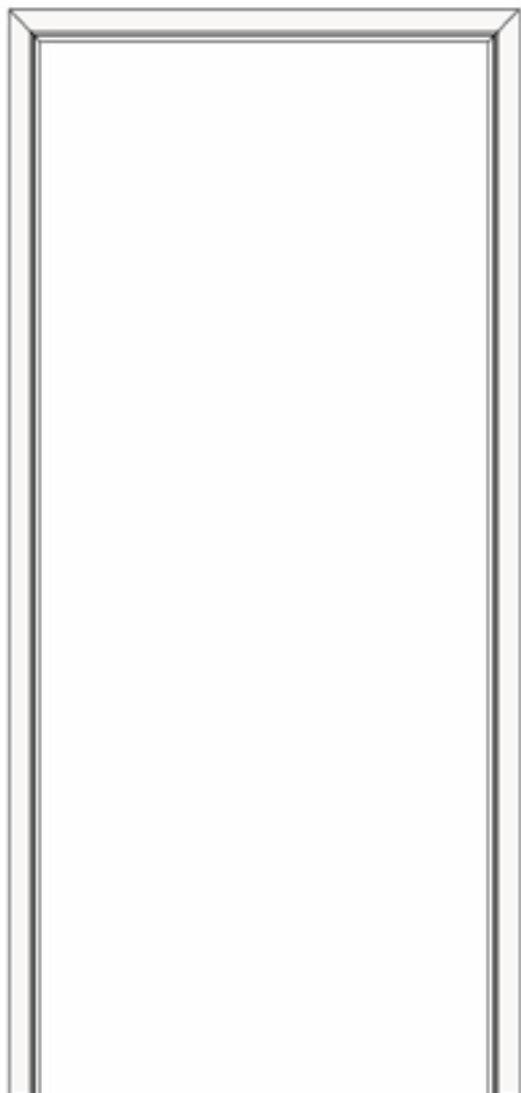
H _o	H _c
2055	2081

* width 90 plus allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°.



See more
inspirations

National Technical Assessment ITB-KOT-2018/0407



It is necessary to forge a hole in the wall for the casing boxes

FIXED door frame METAL TO DOOR EI30 PLUS, EI60 PLUS

DEDICATED TO

Fire-rated leaves EI 30 Plus, EI 60 Plus

COLOURS

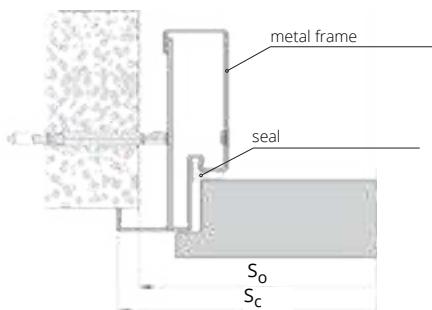
Door frame painted with powder paint. Standard colours: white (RAL 9003), black (RAL 9005), white (RAL 9016), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024). Others colours acc. to RAL palette available for an extra charge - acc. to table of extra charges (p. 63)

symbol	range mm	single-leaf door			
		EI30 PLUS (p.26), EI60 PLUS (p.30)	„90”	„100”	„110”
UD EI30 PLUS	100	857 /1054,11	903 /1110,69	942 /1158,66	
standard range 100 mm widths 100-150 mm available after consultation with the Sales Department					
extra charge to double-leaf +50%					
symbol	range mm	single-leaf door			
		EI30 PLUS (p.26), EI60 PLUS (p.30)	„90”	„100”	„110”
UD EI60 PLUS	100	922 /1134,06	974 /1198,02	1013 /1245,99	
standard range 100 mm widths 100-150 mm available after consultation with the Sales Department					
extra charge to double-leaf +50%					

ACCESSORIES AND EQUIPMENT (at extra charge)

adjustment for electric door strike	80 /98,40
reinforcement for the concealed automatic door closer GEZE BOXER 2-4; ITS 96 2-4; ITS 96 3-6	50 /61,50
reed switch MC 250 recessed	53 /65,19
mounting flange MC200-S19 to reed switch (white colour) (to metal door frame)	30 /36,90

Frame made of 1,5 mm thick metal sheet.



WIDTH

type	single-leaf door				double-leaf door				
	S _O	S _C	H _O	H _C	type	S _O	S _C	H _O	H _C
„60”	680	704			„120”	1320	1342		
„70”	780	804			„130”	1420	1442		
„80”	880	904			„140”	1520	1542		
„90”	980	1004	2060	2071	„150”	1620	1642		
„90” plus	1000	1024			„160”	1720	1742	2060	2071
„100”	1080	1104			„170”	1820	1842		
„110”	1180	1204			„180”	1920	1942		
					„190”	2020	2042		
					„200”	2120	2142		

* width 90 plus allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°

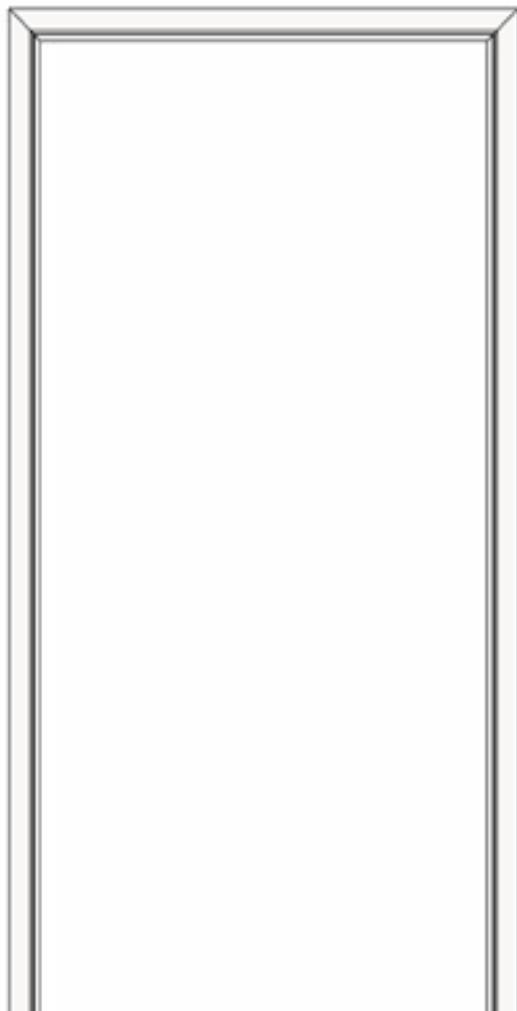
S_O - mounting hole width
S_C - total width of the frame

H_O - height of the mounting hole
H_C - total height of the frame



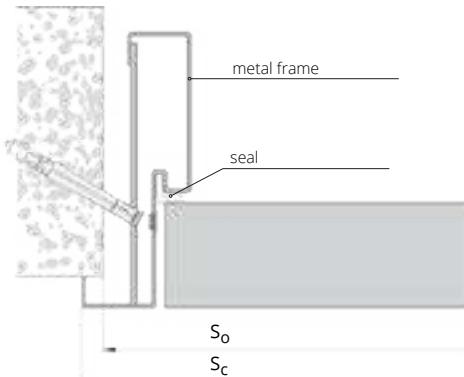
See more
inspirations

Approval no AT-15-9775/2016



Necessity of forging a hole in the wall for the casing boxes

Door frame made of sheet metal of thickness 1.5 mm.



FIXED door frame METAL DUO TO DOOR EI30 PLUS, EI60 PLUS

DEDICATED TO

Fire-rebated door leaves EI 30 Plus, EI 60 Plus
DUO metal frames adapted for OBX ECO SCHULTE
pocket hinges or for TECTUS concealed hinges by
Simonswerk (option at extra charge) (p.83).

COLOURS

Door frame painted with powder paint. Standard
colours: white (RAL 9003), black (RAL 9005), white
(RAL 9016), grey (RAL 7047), brown (RAL
8014), beige (RAL 1001), graphite (RAL 7024).
Others colours acc. to RAL palette available for an
extra charge - acc. to table of extra charges (p. 63)

symbol	range mm	single-leaf door		
		EI30 PLUS (p.28), EI60 PLUS (p.32)	„90“	„100“
UD EI30 PLUS	100	1163 /1430,49	1208 /1485,84	1311 /1612,53

standard range 100 mm
width 100-150 mm available after consultation with the Sales Department

to double leaf door extra charge **+50%**

symbol	range mm	single-leaf door		
		EI30 PLUS (p.28), EI60 PLUS (p.32)	„90“	„100“
UD EI60 PLUS	100	1163 /1430,49	1208 /1485,84	1311 /1612,53

standard range 100 mm
width 100-150 mm available after consultation with the Sales Department

to double leaf door extra charge **+50%**

ACCESSORIES AND EQUIPMENT (at extra charge)

reinforcement under the electric door strike	80 / 98,40
reinforcement for the concealed automatic door closer GEZE BOXER 2-4; ITS 96 2-4; ITS 96 3-6	50 / 61,50
extra charge for hinges	p. 77
reed switch MC 250 recessed	53 /65,19
mounting flange MC200-S19 to reed switch (white colour) (to metal door frame)	30 /36,90

WIDTH

single-leaf door			double-leaf door		
typ	S _c	S _o	typ	S _o	S _c
„60“	724	680	„120“	1296	1340
„70“	824	780	„130“	1396	1440
„80“	924	880	„140“	1496	1540
„90“	1024	980	„150“	1596	1640
„90“plus	1084	1040	„160“	1696	1740
„100“	1124	1080	„170“	1796	1840
„110“	1224	1180	„180“	1896	1940
			„190“	1996	2040
			„200“	2096	2140

HEIGHT

	H _o	H _c
	2060	2081

* width 90 plus allows to get the clear opening of min. 900 mm when the door leaf is opened at an angle of 90°
So - mounting hole width
Sc - total width of the frame

Ho - height of the mounting hole
Hc - total height of the frame



See more
inspirations

Approval no AT-15-9775/2016

REGULATION SYSTEM

MDF frame to FIXED METAL FRAME



DEDICATED TO

non-rebated metal frame FD93
rebated metal frame FD12
fixed metal frame to door RC3, RC3 INVEST, RC4,
RC4 EI30
fixed metal frame to door CERBER PLUS,
CERBER PLUS RC2

COLOURSA

Fixed metal frame FD12, FD93, RC3, RC3 INVEST, Cerber Plus, Cerber Plus RC2:
painted with powder paint with RAL colours.
Regulated front MDF: ECO TOP, HIGH TOP, LAMISTONE,
SILKSTONE, VENEERED GROUP A, B, C.

(*) the regulation range includes the frame thickness FD12, CERBER PLUS, RC3, RC3 INVEST, FD93

MA: regulations to FD12, CERBER PLUS, CERBER PLUS RC2, RC3, RC4, RC4 EI30

MB: regulations to FD 93

single-leaf door		symbol	range w mm (*)	ECO TOP	to laminated	VENEERED		
					HIGH TOP	Group A	Group B	Group C
					LAMISTONE CPL			
MA1	MB1	175-195	217/266,91	341/419,43	488/600,24	562/691,26	591/726,93	
MA2	MB2	195-215	217/266,91	341/419,43	488/600,24	562/691,26	591/726,93	
MA3	MB3	215-235	217/266,91	381/468,63	545/670,35	625/768,75	656/806,88	
MA4	MB4	235-255	234/287,82	381/468,63	545/670,35	625/768,75	656/806,88	
MA5	MB5	255-275	234/287,82	381/468,63	545/670,35	625/768,75	656/806,88	
MA6	MB6	275-295	264/324,72	420/516,60	595/731,85	683/840,09	717/881,91	
MA7	MB7	295-315	264/324,72	420/516,60	595/731,85	683/840,09	717/881,91	
MA8	MB8	315-335	264/324,72	420/516,60	595/731,85	683/840,09	717/881,91	
MA9	MB9	335-355	304/373,92	473/581,79	670/824,10	772/949,56	812/998,76	
MA10	MB10	355-375	304/373,92	473/581,79	670/824,10	772/949,56	812/998,76	
MA11	MB11	375-395	304/373,92	473/581,79	670/824,10	772/949,56	812/998,76	
MA12	MB12	395-415	304/373,92	473/581,79	670/824,10	772/949,56	812/998,76	

MA1 – MA12, MB1 – MB12, range* 175 mm – 415 mm

double-leaf door +50%

WIDTH (Ssp)

single-leaf door

typ	FD12	CERBER PLUS CERBER PLUS RC2	RC3 RC3 INVEST	FD93
„60“	601	-	-	605
„70“	701	-	701	705
„80“	801	801	801	805
„90“	901	901	901	905
„90“ Plus	-	911	921	-
„100“	1001	1001	1001	1005
„110“	1101	-	-	1105
„120“	1201	-	-	1205

HEIGHT (Hsp)

A

2020

2020

2020

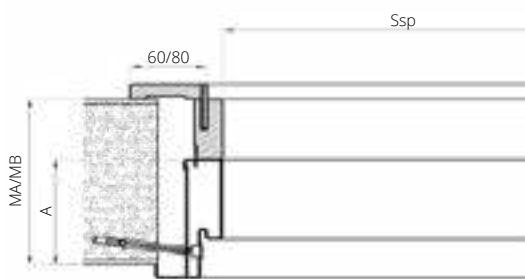
2040

109

109

112

109



MAIN

Ssp

60/80

Ssp – panel width within the clear opening

Hsp – panel height within the clear opening

METAL TOPLIGHTS/SIDELIGHTS

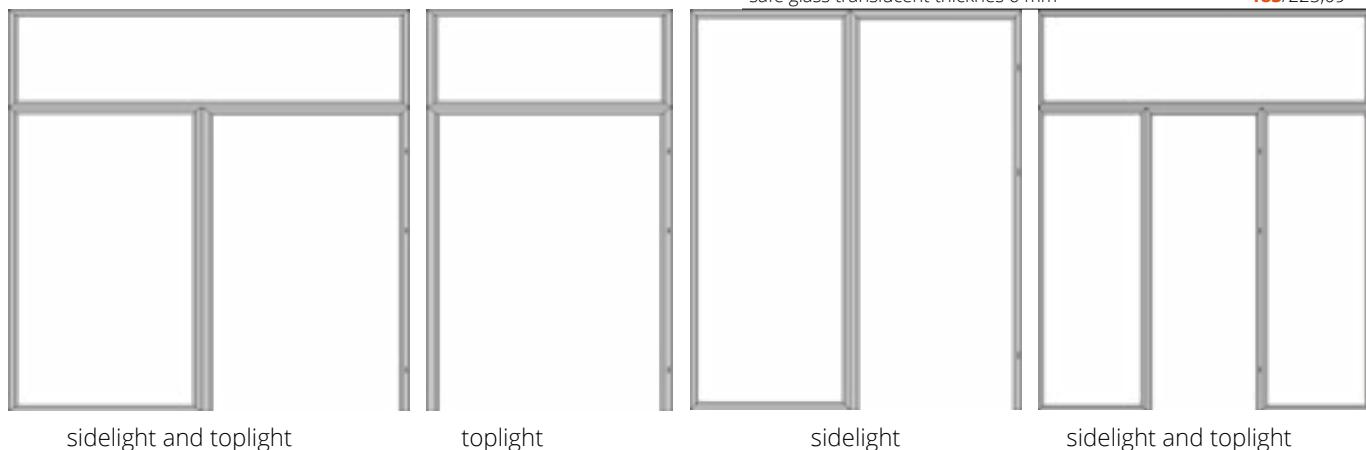
Individual calculation after consultation with the Sales Department

1 linear meter (lm) of toplights/sidelights on the profile of fixed door frame FD18 112/137,76

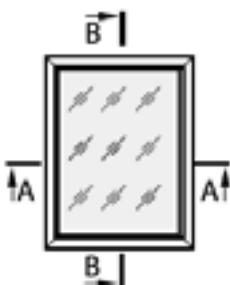
The following glass panes can be used with the toplights/sidelights:

(price per sqm)

safe glass white matt 33.1 thickness 6,4 mm	338/415,74
safe glass translucent 33.1 thickness 6,4 mm	231/284,13
safe glass white matt thickness 6 mm	227/279,21
safe glass translucent thickness 6 mm	183/225,09



METHOD OF CALCULATION TOPLIGHTS/SIDELIGHTS PRICE:
PRICE of 1 LM x 2(A+B)+EXTRA CHARGE FOR COLOUR+PRICE of 1 SQM GLASS x AxB

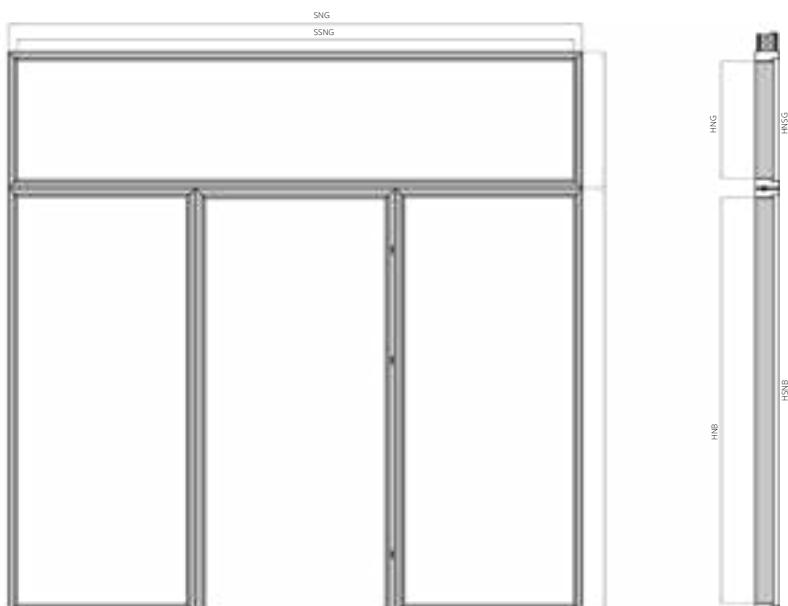


Fixed Metal Door Frame FD18

dedicated to metal toplights/sidelights

Frame made of top quality 1.5 mm thick steel sheet

single-leaf	
„60“ - „90“	„100“ - „110“
460 /565,8	506 /622,38
single-leaf	
„60“ - „90“	„100“ - „110“
587 /722,01	657 /808,11

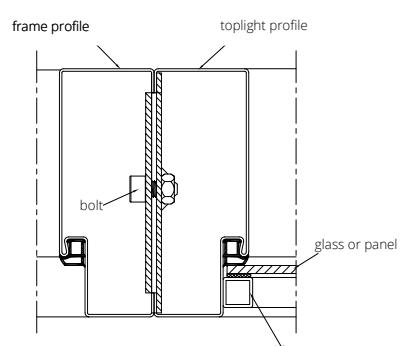


COLOURS

Door frame painted with powder paint. Standard colours: white (RAL 9003), black (RAL 9005), white (RAL 9016), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024). Others colours acc. to RAL palette available for an extra charge - acc. to table of extra charges (p. 63)



CONNECTION OF TOPLIGHT TO THE FRAME



DEDICATED TO

Fixed metal door frame FD18

COLOURS

Door frame painted with powder paint. Standard colours: white (RAL 9003), black (RAL 9005), white (RAL 9016), grey (RAL 7047), brown (RAL 8014), beige (RAL 1001), graphite (RAL 7024). Others colours acc. to RAL palette available for an extra charge - acc. to table of extra charges

GLAZING

Toplight/sidelight can be filled with 6 mm tempered glass, safety glass 33.1 and 6 mm HDF panel.

DOOR DIMENSIONS

	min [mm]	max [mm]
SSNG	600	2442
SSNB	300	1000
HSNG	300	1000
HSNB	1600	2400
height of the whole set cannot exceed 3300 mm		

SNB - sidelight width
 SSN - clear opening sidelight width
 SSG - toplight width
 SSNG - clear opening toplight width
 HNB - sidelight height
 HNG - toplight height
 HSNB - clear opening sidelight height
 HSNG - clear opening toplight height

DOOR LEAF EI 30 PLUS, EI 60 PLUS TO METAL DOOR FRAME

door leaf
EI30 PLUS



VERSION	EI 30 SR 32 dB	EI 30-1S 32 dB	EI 30-2 SR 27 dB	EI 30-2S SR 27 dB	EI 30-3S SR 27 dB
ECO TOP	1305 /1605,15	3154 /3879,42	2728 /3355,44	5216 /6415,68	4061 /4995,03
LAMINATED CPL	1438 /1768,74	3316 /4078,68	2898 /3564,54	5510 /6777,30	4303 /5292,69
HIGH TOP	1438 /1768,74	3316 /4078,68	2898 /3564,54	5510 /6777,30	4303 /5292,69
LAMISTONE	1438 /1768,74	3316 /4078,68	2898 /3564,54	5510 /6777,30	4303 /5292,69
SILKSTONE	1438 /1768,74	3316 /4078,68	2898 /3564,54	5510 /6777,30	4303 /5292,69
PAINTED	1760 /2164,8	3812 /4688,76	3454 /4248,42	6607 /8126,61	4956 /6095,88
VENEERED GROUP A	1681 /2067,63	3639 /4475,97	3298 /4056,54	6307 /7757,61	4730 /5817,90
VENEERED GROUP B	1789 /2200,47	3852 /4737,96	3506 /4312,38	6665 /8197,95	5010 /6162,30
VENEERED GROUP C	1897 /2333,31	4051 /4982,73	3728 /4585,44	7040 /8659,20	5300 /6519,00

dymoszczelność - extra charge jednoleafwe **100** / 123,00 dwuleafwe **200** / 246,00

door leaf
EI60 PLUS



VERSION	EI 60 SR 32 dB	EI 60-1S 32 dB	EI 60-2 SR 32 dB	EI 60-2S SR 32 dB	EI 60-3S SR 32 dB
ECO TOP	1941 /2387,43	4043 /4972,89	3119 /3836,37	6353 /7814,19	4736 /5825,28
LAMINATED CPL	2056 /2528,88	4171 /5130,33	3258 /4007,34	6584 /8098,32	4921 /6052,83
HIGH TOP	2056 /2528,88	4171 /5130,33	3258 /4007,34	6584 /8098,32	4921 /6052,83
LAMISTONE	2056 /2528,88	4171 /5130,33	3258 /4007,34	6584 /8098,32	4921 /6052,83
SILKSTONE	2056 /2528,88	4171 /5130,33	3258 /4007,34	6584 /8098,32	4921 /6052,83
PAINTED	2541 /3125,43	4854 /5970,42	4066 /5001,18	7751 /9533,73	5909 /7268,07
VENEERED GROUP A	2426 /2983,98	4634 /5699,82	3881 /4773,63	7398 /9099,54	5640 /6937,20
VENEERED GROUP B	2566 /3156,18	4889 /6013,47	4118 /5065,14	7810 /9606,30	5961 /7332,03
VENEERED GROUP C	2717 /3341,91	5148 /6332,04	4366 /5370,18	8242 /10137,66	6301 /7750,23

smoke protection - extra charge to single-leaf **100** / 123,00 double-leaf **200** / 246,00

*standard colour of wooden leaves and door frames - white RAL 9003.

The colours of metal frames (p. 63.)

extra charge to the basic white colour (RAL 9003) acc. to colour groups RAL, NCS (p. 92)

Group I	Group II	Group III	Group IV	Group V
399 /490,77	499 /613,77	599 /736,77	699 /859,77	799 /982,77

In order to meet the requirements of National Technical Assessment the leaves are sold as a set with metal frame.

EXTRA CHARGES FOR CHANGING A VERTICAL ELEMENT FROM STANDARD TO AN ARCHITRAVE WIDTH FROM 150 MM TO 210 MM (TO DOOR B-30, C-30, RC3, CERBER PLUS, EI30 PLUS, EI60 PLUS, EI 30)

	ECO TOP	HIGH TOP LAMISTONE CPL SILKSTONE LAMINATE CPL 0,2 mm	PAINTED	VENEERED GROUP A	VENEERED GROUP B	VENEERED GROUP C
architrave 210 mm vertical element 2115 mm + mortise and tenon joint 12mm	43 / 52,89	51 / 62,73	101 / 124,23	86 / 105,78	96 / 118,08	101 / 124,23
architrave 210 mm vertical element 2115 mm + mortise and tenon joint 32 mm	44 / 54,12	52 / 63,96	104 / 127,92	90 / 110,70	100 / 123,00	104 / 127,92
architrave 210 mm vertical element 2115 mm + mortise and tenon joint 52 mm	47 / 57,81	55 / 67,65	108 / 132,84	92 / 113,16	102 / 125,46	108 / 132,84

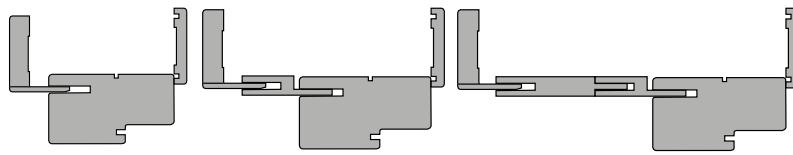
EXTRA CHARGE FOR A SET OF REGULATIONS FOR FIRE-RATED DOORS WITH FIXED FRAME

frame symbol	regulation range (mm)	frame symbol*	regulation range (mm)	to single-leaf				PAINTED	VENEERED Group A	VENEERED Group B	VENEERED Group C
				ECO TOP	UNI MAT PLUS	LAMINATED HIGH TOP LAMISTONE SILKSTONE					
ZB1	100-120	ZA1	120-140	213/261,99	242/297,66	213/261,99	305/375,15	297/365,31	342/420,66	360/442,80	
ZB2	120-144	ZA2	140-164	213/261,99	242/297,66	213/261,99	305/375,15	297/365,31	342/420,66	360/442,80	
ZB3	144-188	ZA3	164-208	238/292,74	266/327,18	239/293,97	342/420,66	332/408,36	384/472,32	404/496,92	
ZB4	188-210	ZA4	208-230	238/292,74	266/327,18	239/293,97	342/420,66	332/408,36	384/472,32	404/496,92	
ZB5	210-254	ZA5	230-274	268/329,64	295/362,85	267/328,41	384/472,32	373/458,79	426/523,98	448/551,04	
ZB6	254-276	ZA6	274-296	268/329,64	295/362,85	267/328,41	384/472,32	373/458,79	426/523,98	448/551,04	
ZB7	276-320	ZA7	296-340	295/362,85	321/394,83	294/361,62	417/512,91	406/499,38	465/571,95	488/600,24	
ZB8	320-342	ZA8	340-362	295/362,85	321/394,83	294/361,62	417/512,91	406/499,38	465/571,95	488/600,24	
ZB9	342-386	ZA9	362-406	331/407,13	357/439,11	331/407,13	469/576,87	456/560,88	526/646,98	553/680,19	
ZB10	386-410	ZA10	406-430	331/407,13	357/439,11	331/407,13	469/576,87	456/560,88	526/646,98	553/680,19	
ZB11	410-429	ZA11	430-449	414/509,22	437/537,51	414/509,22	582/715,86	567/697,41	652/801,96	684/841,32	
ZB12	429-476	ZA12	449-496	414/509,22	437/537,51	414/509,22	582/715,86	567/697,41	652/801,96	684/841,32	
ZB13	476-495	ZA13	496-515	439/539,97	462/568,26	439/539,97	617/758,91	601/739,23	692/851,16	726/892,98	
ZB14	495-542	ZA14	515-562	439/539,97	462/568,26	439/539,97	617/758,91	601/739,23	692/851,16	726/892,98	
ZB15	542-561	ZA15	562-581	462/568,26	486/597,78	464/570,72	652/801,96	635/781,05	731/899,13	768/944,64	
ZB16	561-608	ZA16	581-628	462/568,26	486/597,78	464/570,72	652/801,96	635/781,05	731/899,13	768/944,64	

extra charge to door frames other than standard dimensions (extra charge for each dimension module) +10%

double-leaf door +50%

* applies to EI60 PLUS



EXTRA CHARGE FOR A SET OF TWO-SIDED REGULATION FOR FIRE-RATED DOORS

E130 POL-SKONE SYSTEM, SR 37 dB, SR 42 dB

NEW

frame symbol	regulation-range (mm)	to single-leaf				PAINTED	VENEERED Group A	VENEERED Group B	VENEERED Group C
		ECO TOP	UNI MAT PLUS	LAMINATED HIGH TOP LAMISTONE SILKSTONE					
ZF1	100-108	243/298,89	271/333,33	242/297,66	334/410,82	326/400,98	371/456,33	389/478,47	
ZF2	108-132	243/298,89	271/333,33	242/297,66	334/410,82	326/400,98	371/456,33	389/478,47	
ZF3	132-176	268/329,64	295/362,85	267/328,41	372/457,56	361/444,03	412/506,76	432/531,36	
ZF4	176-198	268/329,64	295/362,85	267/328,41	372/457,56	361/444,03	412/506,76	432/531,36	
ZF5	198-242	297/365,31	324/398,52	296/364,08	412/506,76	402/494,46	455/559,65	477/586,71	
ZF6	242-264	297/365,31	324/398,52	296/364,08	412/506,76	402/494,46	455/559,65	477/586,71	
ZF7	264-308	325/399,75	349/429,27	323/397,29	447/549,81	435/535,05	494/607,62	517/635,91	
ZF8	308-330	325/399,75	349/429,27	323/397,29	447/549,81	435/535,05	494/607,62	517/635,91	
ZF9	330-374	361/444,03	386/474,78	360/442,80	498/612,54	485/596,55	555/682,65	580/713,40	
ZF10	374-398	361/444,03	386/474,78	360/442,80	498/612,54	485/596,55	555/682,65	580/713,40	
ZF11	398-417	443/544,89	465/571,95	442/543,66	611/751,53	594/730,62	681/837,63	713/876,99	
ZF12	417-464	443/544,89	465/571,95	442/543,66	611/751,53	594/730,62	681/837,63	713/876,99	
ZF13	464-483	469/576,87	491/603,93	468/575,64	647/795,81	629/773,67	721/886,83	755/928,65	
ZF14	483-530	469/576,87	491/603,93	468/575,64	647/795,81	629/773,67	721/886,83	755/928,65	
ZF15	530-548	494/607,62	514/632,22	493/606,39	682/838,86	664/816,72	759/933,57	797/980,31	
ZF16	548-593	494/607,62	514/632,22	493/606,39	682/838,86	664/816,72	759/933,57	797/980,31	

double-leaf door +50% extra charge to door frames other than standard dimensions (extra charge for each dimension module) +10%



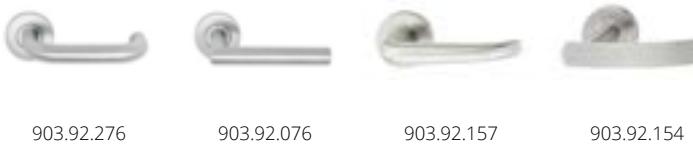
EXTRA CHARGE FOR A NON-STANDARD DIMENSIONS OF REGULATION SETS

standard height	standard width	non-standard width „100"	non-standard width „110"
non-standard height up to 2200 mm	extra charge 10%	extra charge 20%	extra charge 30%
non-standard height up to 2300 mm	extra charge 20%	extra charge 30%	extra charge 40%
non-standard height up to 2400 mm	extra charge 30%	extra charge 40%	extra charge 50%
non-standard height up to 2500 mm	extra charge 40%	extra charge 50%	extra charge 60%

ADDITIONAL EQUIPMENT

FIRE-RATED HANDLES TO DOOR E130 SR32, E130 PLUS, SR 37

Handle 903.92.276 (square spindle 8 mm length 100 mm, screw's length 60 mm)	96/118,08
Handle 903.92.076 (square spindle 8 mm length 100 mm, screw's length 60 mm)	93/114,39
Handle 903.92.157 (square spindle 8 mm length 100 mm, screw's length 60 mm)	130/159,90
Handle 903.92.154 (square spindle 8 mm length 100 mm, screw's length 60 mm)	155/190,65



ADDITIONAL EQUIPMENT

FIRE-RATED HANDLES TO DOOR EI30 SR42, EI60 PLUS

Handle 903.92.276 (square spindle 8 mm length 100 mm, screw's length 70 mm)	97 /119,31
Handle 903.92.076 (square spindle 8 mm length 100 mm, screw's length 70 mm)	94 /115,62
Handle 903.92.157 (square spindle 8 mm length 100 mm, screw's length 70 mm)	130 /159,90
Handle 903.92.154 (square spindle 8 mm length 100 mm, screw's length 70 mm)	156 /191,88
HINGE CAPS TO DOOR EI60 PLUS, EI30 PLUS B-30, C-30, FR EI30 (WOODEN FRAME)	price of 1 set per 1 pc hinge
cap PCV fi 20 mm white , brown, black	5 /6,15
cap PCV fi 20 mm chrome matt, nickel matt	9 /11,07
cap PCV fi 20 mm golden matt	13 /15,99

FIRE-RATED Porthole to door EI30 PLUS, EI 60 PLUS

fire-rated porthole to door EI30 PLUS (Ø 320 mm)	1600 /1968,00
fire-rated porthole to door EI60 PLUS (Ø 320 mm)	3100 /3813,00

FIRE-RATED GRILLE TO DOOR EI 30 PLUS, EI 60 PLUS

GRILLE DIMENSION [MM]	
500 X 150	960 /1180,80
300 X 150	450 /553,50

HINGE CAPS TO DOOR RC3, CERBER PLUS, CERBER PLUS RC2 (WOODEN FRAME)	price of 1 set per 1 pcs hinge
cap PCV fi 16 mm white, brown, black	5 /6,15
cap PCV fi 16 mm chrome matt, nickel matt	9 /11,07
cap PCV fi 16 mm gold matt	13 /15,99

CONCEALED AUTOMATIC DOOR CLOSERS

ITS 96 (2-4) DORMA WITH RAIL (silver colour)	670 /824,10 GEZE BOXER 2-4 (RAL 9005)	885 / 1088,55
ITS 420 2-4 WITH RAIL	830 /1020,90 body in silver, rail in RAL 9005	
ITS 96 (3-6) DORMA WITH RAIL (silver colour)	830 /1020,90 ITS 96 (2-4) DORMA WITH RAIL IN RAL 9005	782 /961,86
GEZE BOXER 2-4 (order up to 10 pcs) (silver colour)	840 /1033,20 ITS 96 (3-6) DORMA WITH RAIL IN RAL 9005	1092 /1343,16
GEZE BOXER 2-4 (order over 10 pcs) (silver colour)	735 /904,05 milling under the automatic door closer	80 /98,40
GEZE BOXER 2-4 with electromechanical unlocking mechanism	1375 /1691,25 doorstop to automatic door closer GEZE BOXER	135 /166,05

SURFACE AUTOMATIC DOOR CLOSERS GEZE, DORMA/GROOM

AUTOMATIC DOOR CLOSER TS 2000 V with arm (silver colour) (order up to 100 pcs)	221 /271,83 AUTOMATIC DOOR CLOSER TS 2000 V with arm (black RAL 9005)	347 /426,81
AUTOMATIC DOOR CLOSER TS 2000 V with arm (silver colour) (order over 100 pcs)	179 /220,17 AUTOMATIC DOOR CLOSER TS 3000 with rail and mounting plate (black RAL 9005)	614 /755,22
AUTOMATIC DOOR CLOSER TS 3000 with rail and mounting plate (silver colour) (order up to 10 pcs)	578 /710,94 AUTOMATIC DOOR CLOSER TS 4000 with arm (black RAL 9005)	483 /594,09
AUTOMATIC DOOR CLOSER TS 3000 with rail and mounting plate (silver colour) (order over 10 pcs)	483 /594,09 AUTOMATIC DOOR CLOSER TS 5000 with rail and mounting plate (black RAL 9005)	940 /1156,20
AUTOMATIC DOOR CLOSER TS 4000 with arm (silver colour) (order up to 50 pcs)	441 /542,43 AUTOMATIC DOOR CLOSER GROOM GR 200	200 /246,00
AUTOMATIC DOOR CLOSER TS 4000 with arm (silver colour) (order over 50 pcs)	420 /516,60 AUTOMATIC DOOR CLOSER TS 83 WITH ARM	536 /659,28
Opening angle stop RF G-N for automatic door closer TS 93B	142 /174,66 AUTOMATIC DOOR CLOSER TS 91 WITH RAIL	522 /642,06
	AUTOMATIC DOOR CLOSER TS 93B WITH RAIL	746 /917,58
		680 /836,40

ASSA 2396 semi-automatic closing sequence control for double leaf doors (to 1 pc double-leaf door)

For double-leaf fire-rated doors a closing sequence control is required due to the requirement of permanently closing the fire door in case of fire. Closing sequence regulation is possible for double fire doors with wooden or metal frame and double interior doors with DIN or metal frame. The minimum width of double-leaf doors at which the closing sequence regulation may be used is „90+40“. In case of doors with a passive leaf of width „30“ it is not possible to install a door closer. In case of equipping the doors with hand-sliding cantrails it is necessary to obtain an opinion of a fire protection expert who will analyse the situation and allow such a solution in the building.

Set of automatic door closers with closing sequence control **2135**/2626,05 (price includes 2 pcs of automatic door closer TS93B and GSR V rail).

Fire doors must be fitted with ASSA 2396 automatic scissor bolts or panic bars with three-point locking.

Internal doors must be equipped with a panic bar with three-point locking.

In addition, if the door is to be kept permanently open, it must be fitted with electromagnetic hold-open devices.

price per 1 pc	price per 1 pc
GTR 048 by DORMAKABA 209 /257,07	GTR 048 BY DORMAKABA allowing mounting floor holder should be ordered optionally, angle bar. Set holder + angle bar 379 /466,17

DOOR FRAME HARMONY (RAW, PAINT BY YOURSELF MODE) ADAPTED UNDER THE ELECTRIC DOOR STRIKE

FRAME WITH ELECTRIC STRIKES IN NC VERSION	PRICE per 1 pc	FRAME WITH ELECTRIC STRIKES IN NO VERSION	price per 1 pc
“60”-“80” x 2040/2050 mm	1412 /1736,76	“60”-“80” x 2040/2050 mm	1890 /2324,70
“90”-“100” x 2040/2050 mm	1508 /1854,84	“90”-“100” x 2040/2050 mm	1986 /2442,78
“60”-“100” x 2140/2150 mm	1642 /2019,66	“60”-“100” x 2140/2150 mm	2196 /2701,08
“60”-“100” x 2240/2250 mm	1775 /2183,25	“60”-“100” x 2240/2250 mm	2252 /2769,96
“60”-“100” x 2340/2350 mm	1909 /2348,07	“60”-“100” x 2340/2350 mm	2387 /2936,01
“60”-“100” x 2440/2450 mm	2196 /2701,08	“60”-“100” x 2440/2450 mm	2673 /3287,79

ELECTRIC DOOR STRIKES TO METAL DOOR FRAME TO DOOR RC 3

electric door strike BIRA symmetrical 12V AC/DC standard	72 /88,56
electric door strike BIRA symmetrical 12V AC/DC with memory	81 /99,63
electric door strike BIRA symmetrical 24V AC/DC standard	72 /88,56
electric door strike BIRA symmetrical 24V AC/DC with memory	87 /107,01
electric door strike BIRA symmetrical 12V AC/DC with closing control, standard	167 /205,41
electric door strike BIRA symmetrical 12V AC/DC with closing control, with memory	173 /212,79
electric door strike BIRA symmetrical low-current 24 V DC with closing control and varistor, standard	189 /232,47
electric door strike BIRA symmetrical low-current 24 V DC with closing control and varistor, with memory	198 /243,54
electric door strike BIRA symmetrical 24V DC with closing control and varistor, to continuous work	207 /254,61
RC3 metal frame reinforcement for electric door strike	84 /103,32

ADDITIONAL EQUIPMENT

ELECTRIC STRIKE IN NC VERSION IN FIRE-RATED DOUBLE-LEAF EI30 PLUS HALSPAN SYSTEM DOOR (SET: ELECTRIC DOOR STRIKE + STRIKE PLATE + CABLE + CABLE ENTRY)		price per 1 pc
Electric strike HARTTE SHD12U (12V AC/DC)	856 /1052,88	
Electric strike HARTTE SHD24U (24V AC/DC)	835 /1027,05	
Electric strike jIS 1710-12AC/DC	83 /102,09	
Electric strike jIS 1733-12AC/DC (with internal memory)	91 /111,93	
Electric strike jIS 1710-24AC/DC	79 /97,17	
Electric strike jIS 1733-24AC/DC (with internal memory)	89 /109,47	
Electric strike plate FL 22	95 /116,85	
*in SHD series there are other models of electric door strikes available (after consultation with the Sales Department).		
Electric strike EFF-EFF 118F.14----A71 (10-24V AC/DC)	1450 /1783,50	
Electric strike plate (11F35-04 or 11F35-05) - to rebated door	120 /147,60	
Electric strike Fire 447 6-12V AC/DC	967 /1189,41	
Electric strike Fire 447 12V DC 100% ED*	967 /1189,41	
Electric strike Fire 447 24V DC 100% ED*	967 /1189,41	
Electric strike plate FL 22	95 /116,85	
*electric strike not warming up		
Cable EFF-EFF 760-250-00	47 /57,81	
Cable entry EA 281	263 /323,49	
ELECTRIC STRIKE IN NC VERSION IN THE FIRE-RATED DOUBLE LEAF DOOR EI30 PLUS AND EI 60 PLUS HALSPAN SYSTEM DOOR (SET: ELECTRIC DOOR STRIKE + STRIKE PLATE+ CABLE + CABLE ENTRY)		price per 1 pc
Electric strike HARTTE SHD12U (12V AC/DC)	856 /1052,88	
Electric strike HARTTE SHD24U (24V AC/DC)	835 /1027,05	
Electric strike Plate FL 22	95 /116,85	
*in SHD series there are other models of electric door strikes available (after consultation with the Sales Department).		
Electric strike EFF-EFF 118F.14----A71 (10-24V AC/DC)	1450 /1783,50	
Electric strike plate (11F35-04 or 11F35-05) - to rebated door (only door EI30)	120 /147,60	
Electric strike Fire 447 6-12V AC/DC	967 /1189,41	
Electric strike Fire 447 12V DC 100% ED*	967 /1189,41	
Electric strike Fire 447 24V DC 100% ED*	967 /1189,41	
Electric strike plate FL 22	95 /116,85	
*electric strike not warming up		
Cable EFF-EFF 760-250-00	47 /57,81	
Cable entry EA 281	263 /323,49	
DOOR FITTING TO EMERGENCY EXIT SINGLE-LEAF DOOR WITH MORTISE LOCK (TO FIRE-RATED DOOR EI30, EI60 WITH METAL DOOR FRAME (SET: BAR + STICK + SPINDLE + HANDLE OR KNOB)		price per 1 pc
Bar PHA 2500 panic function B*	2851 /3506,73	
Bar PHA 2500 panic function D*	1470 /1808,10	
Bar PHA 2500 panic function E*	1260 /1549,80	
Stick PHA 2104 (to door leaf of width up tp 1000 mm)	63 /77,49	
Stick PHA 2105 (to door leaf of width up tp 1300 mm)	74 /91,02	
*Lock with rounded front plate 20x235 mm, dormas 55 mm, right or left		
Fittings available in silver and stainless steel		
Split spindle PR 120 FS-53 (to door EI30 Plus)	27 /33,21	
Split spindle PR 120 FS-60 (to door EI60 Plus)	27 /33,21	
Handle 8100 with oblong backplate 7051 (function B, D) - aluminium finish	184 /226,32	
Handle 8100 with oblong backplate 7051 (function B, D) - stainless steel finish	231 /284,13	
Spindle PR 116 FS-58 (to door EI30 Plus)	21 /25,83	
Spindle PR 116 FS-68 (to door EI60 Plus)	21 /25,83	
Door knob 8020 with oblong backplate 7051 (function E) - stainless steel finish	252 /309,96	
Door knob 8020 with oblong backplate 7051 (function E) - aluminium finish	231 /284,13	
PANIC MORTISE LOCKS (SET CONTAINS LOCK + SPINDLE + HANDLE) TO TECHNICAL DOOR (TO FIRE-RATED DOOR EI30, EI30 PLUS, EI60 PLUS)		price per 1 pc
GBS 92 with panic function type B dormas 65 front plate of the lock 24x235	656 /806,88	
GBS 92 with panic function type E dormas 65 front plate of the lock 24x235	278 /341,94	
GBS 92 with panic function type D dormas 65 front plate of the lock 24x235	268 /329,64	
split spindle 9 mm	39 /47,97	
double-sided door handle with panic lock:		
*handle - handle on on an oval backplate	383 /471,09	
*handle - door knob on an oval backplate	417 /512,91	

ADDITIONAL EQUIPMENT

PANIC MORTISE LOCKS TO INTERIOR DOORS (SET CONTAINS LOCK+ SPINDLE + HANDLE)		price per 1 pc																																																	
GBS 92 with panic function type B dormas 65 front plate of the lock 24x235		861 /1059,03																																																	
GBS 92 with panic function type E dormas 65 front plate of the lock 24x235		294 /361,62																																																	
GBS 92 with panic function type D dormas 65 front plate of the lock 24x235 spindle 9 mm		341 /419,43 39 /47,97																																																	
double-sided door handle with panic lock: *handle - handle on on an oval backplate *handle - door knob on an oval backplate		383 /471,09 417 /512,91																																																	
ELECTRIC STRIKE IN NC VERSION IN THE FIRE-RATED SINGLE-LEAF DOOR EI30 PLUS HALSPAN SYSTEM (SET: ELECTRIC STRIKE + STRIKE PLATE)	price per pc	ELECTRIC STRIKE IN NC VERSION IN THE FIRE-RATED SINGLE-LEAF POL-SKONE EI30 ORAZ EI60 PLUS HALSPAN SYSTEM DOOR (SET: ELECTRIC STRIKE + STRIKE PLATE)	price per pc																																																
Electric strike HARTTE SHD12U (12V AC/DC)	856 /1052,88	Electric strike HARTTE SHD12U (12V AC/DC)	856 /1052,88																																																
Electric strike HARTTE SHD24U (24V AC/DC)	835 /1027,05	Electric strike HARTTE SHD24U (24V AC/DC)	835 /1027,05																																																
Electric strike Jis 1710-12AC/DC	83 /102,09	Electric strike plate SPEC-240 (rebated door)	28 /34,44																																																
Electric strike Jis 1733-12AC/DC (with internal memory)	91 /111,93	Electric strike plate SPEC-251 (non-rebated door)	90 /110,70																																																
Electric strike Jis 1710-24AC/DC	79 /97,17	*in SHD series there are other models of electric door strikes available (after consultation with the Sales Department).																																																	
Electric strike Jis 1733-24AC/DC (with internal memory)	89 /109,47	Electric strike EFF-EFF 118F.14----A71 (10-24V AC/DC) (only door EI30)	1450 /1683,87																																																
Electric strike plate SPEC-240 (rebated door)	28 /34,44	Electric strike plate (11F35-04 or 11F35-05) – to rebated door (only door EI30)	110 /135,30																																																
Electric strike plate SPEC-251 (non-rebated door)	90 /110,70	Electric strike Fire 447 6-12V AC/DC	967 /1189,41																																																
in SHD series there are other models of electric door strikes available (after consultation with the Sales Department)		Electric strike Fire 447 12V DC 100% ED	967 /1189,41																																																
Electric strike EFF-EFF 118F.14----A71 (10-24V AC/DC)	1450 /1783,50	Electric strike Fire 447 24V DC 100% ED*	967 /1189,41																																																
Electric strike plate (11F35-04 or 11F35-05) – to non-rebated door (only EI30)	120 /147,60	Electric strike plate WR 25-R, WL 25-R – to rebated door	134 /164,82																																																
Electric strike Fire 447 6-12V AC/DC	967 /1189,41	*electric strike not warming up																																																	
Electric strike Fire 447 12V DC 100% ED*	967 /1189,41	ELECTRIC STRIKE IN NO VERSION IN THE FIRE-RATED DOUBLE-LEAF DOOR EI 30, EI30 PLUS, EI 60 PLUS (SET: ELECTRIC STRIKE + ELECTRIC PLATE + LOCK TVZ -510 + CABLE + CABLE ENTRY)	price per pc	Electric strike Fire 447 24V DC 100% ED*	967 /1189,41	Electric strike BIRA ELP-009 (12V DC)	420 /516,60	Electric strike plate WR 25-R, WL 25-R – to rebated door	134 /164,82	Electric strike BIRA ELP-018 (24V DC)	420 /516,60	*electric strike not warming up		Electric strike HARTTE SHD12R (12V DC)	861 /1059,03	 		Electric strike HARTTE SHD24R (24V DC)	882 /1084,86	ELECTRIC STRIKE IN NO VERSION IN THE FIRE-RATED EI 30, EI30 PLUS, EI 60 PLUS SINGLE-LEAF DOOR (SET: ELECTRIC STRIKE + STRIKE PLATE + LOCKTVZ -510)	price per pc	Lock TV-Z 510 (Dormakaba)	257 /316,11	Electric strike BIRA ELP-009 (12V DC)	420 /516,60	Electric strike plate OKU-007	13 /15,99	Electric strike BIRA ELP-018 (24V DC)	420 /516,60	Cable EFF-EFF 760-250-00	47 /57,81	Electric strike HARTTE SHD12R (12V DC)	861 /1059,03	Cable entry EA 281	263 /323,49	Electric strike HARTTE SHD24R (24V DC)	882 /1084,86	ELECTRIC STRIKE TO DECO INVEST DOUBLE-LEAF DOOR	price per pc	Lock TV-Z 510 (Dormakaba)	257 /316,11	electric strike 118 in NC version + strike plate + cable entry + cable + milling under the electric strike	905 /11113,15	Electric strike SPEC-250 (rebated door)	27 /33,21	electric strike 138/NO/Profix2/1 + strike plate + cable entry + cable + milling under the electric strike	1380 /1697,40	Electric strike SPEC-236 (non-rebated door)	58 /71,34		
ELECTRIC STRIKE IN NO VERSION IN THE FIRE-RATED DOUBLE-LEAF DOOR EI 30, EI30 PLUS, EI 60 PLUS (SET: ELECTRIC STRIKE + ELECTRIC PLATE + LOCK TVZ -510 + CABLE + CABLE ENTRY)	price per pc																																																		
Electric strike Fire 447 24V DC 100% ED*	967 /1189,41	Electric strike BIRA ELP-009 (12V DC)	420 /516,60																																																
Electric strike plate WR 25-R, WL 25-R – to rebated door	134 /164,82	Electric strike BIRA ELP-018 (24V DC)	420 /516,60																																																
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ELECTRIC STRIKE IN NO VERSION IN THE FIRE-RATED EI 30, EI30 PLUS, EI 60 PLUS SINGLE-LEAF DOOR (SET: ELECTRIC STRIKE + STRIKE PLATE + LOCKTVZ -510)	price per pc	Lock TV-Z 510 (Dormakaba)	257 /316,11																																																
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Electric strike HARTTE SHD12R (12V DC)	861 /1059,03	Cable entry EA 281	263 /323,49																																																
Electric strike HARTTE SHD24R (24V DC)	882 /1084,86	ELECTRIC STRIKE TO DECO INVEST DOUBLE-LEAF DOOR	price per pc	Lock TV-Z 510 (Dormakaba)	257 /316,11	electric strike 118 in NC version + strike plate + cable entry + cable + milling under the electric strike	905 /11113,15	Electric strike SPEC-250 (rebated door)	27 /33,21	electric strike 138/NO/Profix2/1 + strike plate + cable entry + cable + milling under the electric strike	1380 /1697,40	Electric strike SPEC-236 (non-rebated door)	58 /71,34																																						
ELECTRIC STRIKE TO DECO INVEST DOUBLE-LEAF DOOR	price per pc																																																		
Lock TV-Z 510 (Dormakaba)	257 /316,11	electric strike 118 in NC version + strike plate + cable entry + cable + milling under the electric strike	905 /11113,15																																																
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Electric strike SPEC-236 (non-rebated door)	58 /71,34																																																		

OAK THRESHOLDS FOR DOORS CERBER PLUS, CERBER RC2 B-30, C-30, RC3



black threshold, ALU strip in black

brown threshold, ALU strip in black

grey threshold, ALU strip in silver

ADDITIONAL EQUIPMENT

CONCEALED AND HEAVY DUTY HINGES [REBATED SYSTEM] TO FIRE-RATED DOOR WITH METAL FRAME			
door	width „60”, „90” x wys. 2000 mm	width „100” x wys. 2000 mm	width „110” x wys. 2000 mm
EI 30 PLUS	3 TECTUS hinges by Simonswerk TE 340 3D FR extra charge 300 zł / 369,00 per 1 pc	3 TECTUS hinges by Simonswerk TE 340 3D FR extra charge 300 zł / 369,00 per 1 pc	3 TECTUS hinges by Simonswerk TE 540 3D FR extra charge 490 /602,70 per 1 pc
EI 60 PLUS	3 TECTUS hinges by Simonswerk TE 540 3D FR extra charge 490 /602,70 za per 1 pc	3 TECTUS hinges by Simonswerk TE 540 3D FR extra charge 490 /602,70 per 1 pc	3 hinge TECTUS by Simonswerk TE 540 3D FR extra charge 490 /602,70 per 1 pc
CONCEALED HINGES [NON-REBATED SYSTEM] TO FIRE-RATED DOOR WITH WOODEN FRAME			
door	width „60”, „90” x height 2000 mm	width „100” x height 2000 mm	width „110” x height 2000 mm
EI 30 PLUS	3 TECTUS hinges by Simonswerk TE 340 3D FR extra charge 300 zł / 369,00 per 1 pc	3 TECTUS hinges by Simonswerk TE 340 3D FR extra charge 300 zł / 369,00 per 1 pc	3 TECTUS hinges by Simonswerk TE 540 3D FR extra charge 490 /602,70 per 1 pc
EI 60 PLUS	3 TECTUS hinges by Simonswerk TE 540 3D FR extra charge 490 /602,70 per 1 pc	3 TECTUS hinges by Simonswerk TE 540 3D FR extra charge 490 /602,70 per 1 pc	3 TECTUS hinges by Simonswerk TE 540 3D FR extra charge 490 /602,70 per 1 piece
PANIC BAR TO SINGLE-LEAF DOOR (EMERGENCY EXIT, FIRE-RATED ABD INTERIOR) WITH SINGLE POINT BOLTING			
PHA 2102 panic bar to fire-rated door			562 /691,26
PHA 2104 connecting rod to fire-rated door (door leaf width up to 1000 mm)			63 /77,49
PHA 2105 connecting rod to fire-rated door (door leaf width up to 1300 mm)			79 /97,17
PHA 3905 panic handle to fire-rated door			336 /413,28
asymmetrical insert class A silver 9/31 standard			32 /39,36
hook to panic bar, hook 1 pc			28 /34,44
PANIC BAR TO SINGLE-LEAF DOOR (FIRE-RATED) WITH THREE POINT BOLTING			
PHA 2102 panic bar to fire-rated door			562 /691,26
PHA 2104 connecting rod to fire-rated door (door leaf width up to 1000 mm)			63 /77,49
PHA 2105 connecting rod to fire-rated door (door leaf width up to 1300 mm)			79 /97,17
PHA 3905 panic handle to fire-rated door			336 /413,28
PHX 04 vertical bars with cover (to door leaf of height 2270 mm)			168 /206,64
PHX 05 vertical bars with cover (to door leaf of height 3400 mm)			294 /361,62
PHX 03 vertical bolts with hooks			441 /542,43
asymmetrical insert class A silver 9/31 standard			32 /39,36
hook to panic bar, hook 2 pcs			28 /34,44
PANIC BAR TO DOUBLE-LEAF DOOR (EMERGENCY EXIT, FIRE-RATED ABD INTERIOR) WITH THREE POINT BOLTING			
PHA 2102 panic bar to fire-rated door - 2 pcs			562 /691,26
PHA 2104 connecting rod to fire-rated door (door leaf width up to 1000 mm) - 2 pcs			63 /77,49
PHA 2105 connecting rod to fire-rated door (door leaf width up to 1300 mm) - 2 pcs			79 /97,17
PHA 3905 panic handle to fire-rated door			336 /413,28
PHX 04 vertical bars with cover (to door leaf of height 2270 mm)			168 /206,64
PHX 05 vertical bars with cover (to door leaf of height 3400 mm)			294 /361,62
PHX 03 vertical bolts with hooks			441 /542,43
asymmetrical insert class A silver 9/31 standard			32 /39,36
hook to panic bar, hook 1 pcs			28 /34,44
ADDITIONAL EQUIPMENT			
Single electromagnetic lock EM 3000 H – basic (Dormakaba)			433 /532,59
Single electromagnetic lock EM 3000 AH – with lock status sensor (LSS) and red/green LED indicator (Dormakaba)			504 /619,92
reinforcement under electromagnetic lock for DIN frame			32 /39,36
reinforcement under electromagnetic lock for DIN frame			26 /31,98
L bracket AML 3000			87 /107,01
L and Z bracket set AMZL 3000			214 /263,22
L and Z bracket set AMZL 5300			284 /349,32
Armature plate holder AMF 3000 to fire-rated door (selection of mounting elements depending on mounting method)			173 /212,79
Reed switch MC 250 recessed			53 /65,19
Mounting flange MC200-S19 to reed switch (white colour) (to metal door frame)			30 /36,90
Stainless steel door holder to DECO INVEST (double-sided, lenght 900 mm, d=25)			306 /376,38
Roller lock version with insert to DECO INVEST door			50 /61,50
Electromagnetic holder series EM (Dormakaba)			200 /246,00
Angle floor holder to electromagnetic holder			158 /194,34
Lock ABLOY EL560/EI 561 (lock + cover (cable entry) EA 281 + cable EA 218)*			2905 /3573,15
Lock ABLOY EL560/EI 561 (lock + cover (cable entry) EA 280 + cable EA 218)*			2840 /3493,20
*extra charge for lock milling			158 /194,34

SYNTHETIC VENTILATION GRILLES

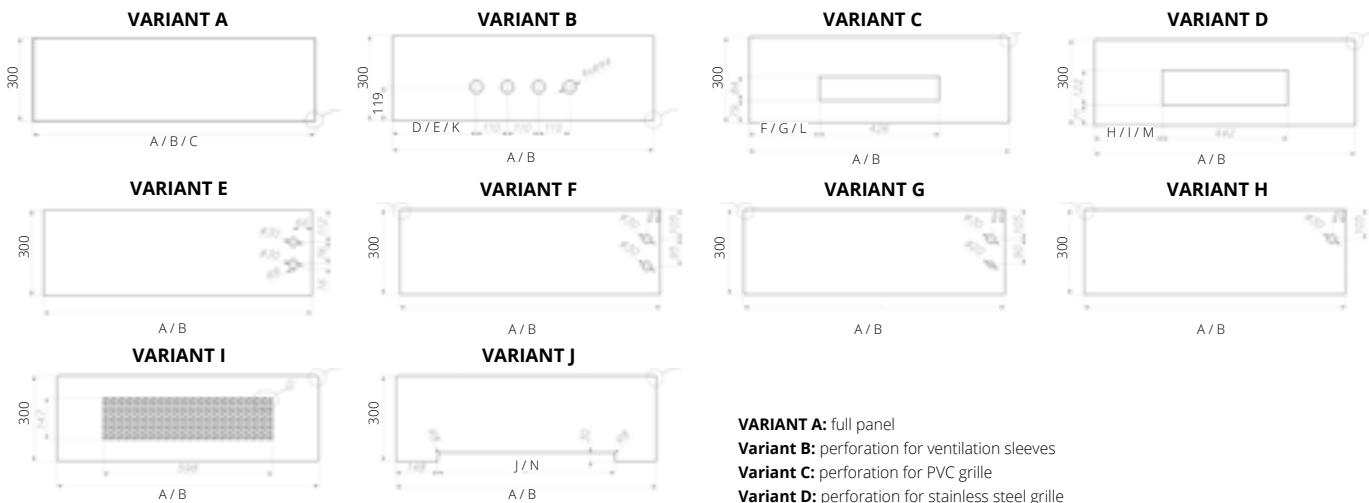


Optional stainless steel grilles and panels can be ordered. The surface area of the openings for air supply is more than 0,022 m².

ADDITIONAL EQUIPMENT

STAINLESS 0.6 MM THICK PLATE TO FIRE-RATED DOOR EI30, EI30 PLUS, EI60 PLUS (1 KOMPLET)

	width „60”	width „70”	width „80”	width „90”	width „100”	width „110”	width „120”
variant A: plate polished or brushed	225 /276,75	234 /287,82	251 /308,73	271 /333,33	291 /357,93	308 /378,84	-
variant B: plate polished or brushed	257 /316,11	271 /333,33	285 /350,55	303 /372,69	329 /404,67	345 /424,35	-
variant C: plate polished or brushed	257 /316,11	271 /333,33	285 /350,55	303 /372,69	329 /404,67	345 /424,35	-
STAINLESS 0.6 MM THICK PLATE TO INTERIOR DOOR (1 SET)							
variant A: plate polished or brushed	225 /276,75	234 /287,82	251 /308,73	271 /333,33	291 /357,93	308 /378,84	323 /397,29
variant B,C,D: plate polished or brushed	257 /316,11	271 /333,33	285 /350,55	303 /372,69	329 /404,67	345 /424,35	360 /442,80
variant E,F,G,H: plate polished or brushed	247 /303,81	263 /323,49	275 /338,25	294 /361,62	319 /392,37	335 /412,05	351 /431,73
variant I: plate polished or brushed	-	285 /350,55	309 /380,07	327 /402,21	352 /432,96	377 /463,71	-
variant J: plate polished or brushed	-	285 /350,55	309 /380,07	327 /402,21	352 /432,96	377 /463,71	-



- PANELS MADE OF METAL SHEET BRUSHED OR POLISHED**
- PANELS EDGES BLUNT**
- PANEL EDGES ROUNDED - RADIUS 4x R3**

DIMENSIONS: INTERIOR

VARIANT A (REBATED)		
width	A	B
„30”	-	-
„40”	-	-
„50”	-	-
„60”	642	616
„70”	742	716
„80”	842	816
„90”	942	916
„90 plus”	962	926
„100”	1042	1016
„110”	1142	1116
„120”	1242	1116

A panel from the side of flange (hinges side)

B panel from the side of rabbit (side opposite to hinges)

C panel from the side of flange (hinges side), from side rabbit (side opposite to hinges) - applies to passive door leaf (double leaf door)

VARIANT B, C, D, E, F, G, H, I (REBATED)							
width	A	B	D	E	F	G	H
„60”*	642	616	156	143	108	95	100
„70”	742	716	206	193	158	145	150
„80”	842	816	256	243	208	195	200
„90”	942	916	306	293	258	245	250
„90 plus”	942	926	311	298	263	250	255
„100”	1042	1016	356	343	308	295	300
„110”	1142	1116	406	393	358	345	350
„120”	1242	1216	456	443	408	395	400

A panel from the side of flange (hinges side)

D distance of the ventilation hole from the edge of the leaf (hinge side)

F distance of the PVC grille from the edge of the leaf (hinge side)

H distance of the grille from the edge of the leaf (hinge side)

J undercut ventilation width

B panel from the side of rabbit (side opposite to hinges)

E distance of the hole for the ventilation sleeve from the edge of the leaf (opposite side to the hinges)

G distance of the PVC grille from the edge of the leaf (opposite side to the hinges)

I distance of the grille from the edge of the leaf (opposite side to the hinges)

*not applicable to Variant II

DIMENSIONS:

VARIANT A, B, C, D, E, F, H, I (NON-REBATED)				
width	A	K	L	M
„60”*	623	146,5	98,5	90,5
„70”	723	196,5	178,5	140,5
„80”	823	246,5	198,5	190,5
„90”	923	296,5	248,5	240,5
„90 plus”	948	309	261	253
„100”	1023	346,5	298,5	290,5
„110”	1123	396,5	348,5	340,5
„120”	1223	446,5	398,5	390,5

A panel width

K distance of the ventilation hole from the edge of the leaf

L distance of the PVC grille from the edge of the leaf

M distance of the grille from the edge of the leaf

*not applicable to Variant I

DIMENSIONS: REBATED EI30, EI30 PLUS, EI 60 PLUS

VARIANT A, E (REBATED EI30, EI30 PLUS, EI 60 PLUS)		
width	A	B
„30”	-	-
„40”	-	-
„50”	-	-
„60”	646	622
„70”	746	722
„80”	846	822
„90”	946	922
„90 plus”	966	942
„100”	1046	1022
„110”	1146	1122

A panel from the side of flange (hinges side)

B panel from the side of rabbit (side opposite to hinges)

C panel from the side of flange (hinges side), from side rabbit (side opposite to hinges) - applies to passive door leaf (double leaf door)

ADDITIONAL EQUIPMENT

	STAINLESS STEEL HINGES [REBATED SYSTEM]	Hinge type	PRICE za sztukę
interior metal door frame	OTLAV trójdzierny OT-CI335-150IM02 (zamówienie do 99 pcs) OTLAV trójdzierny OT-CI335-150IM02 (zamówienie powyżej 100 pcs)	95/116,85 90/110,70	
rebated DIN frame	OTLAV trójdzierny OT-CI335-150IM04 (zamówienie do 99 pcs) OTLAV trójdzierny OT-CI335-150IM04 (zamówienie powyżej 100 pcs)	85/104,55 83/102,09	
fire-rated EI 30 Plus, EI 60 Plus with metal door frame	ECO SCHULTE OBX-3011-3D (kieszonka) ECO SCHULTE OBX-18-1531/120 (hinge) extra charge za przygotowanie frezowania pod hinge	166/202,95 65 / 79,95	
fire-rated EI 30 Plus, EI 60 Plus with wooden door frame	ECO SCHULTE OBX-3001-3D (kieszonka) ECO SCHULTE OBX-3099 (osłonka)	215 / 264,45	
emergency exit EI30 POL-SKONE system	ECO SCHULTE OBX-18-1531/120 (hinge)		
Door type	Size of automatic door closer	Automatic surface door closer	Automatic concealed door closer
RC4, RC4 EI30	4	GEZE TS 2000, GROOM 200, DORMA TS 83, DORMA TS 92, DORMA TS 93, GEZE TS 3000, GEZE TS 5000	-
B-30, C-30, RC3, SR 37 dB	4	GEZE TS 2000, GEZE TS 3000, GROOM 200, DORMA TS 83	BOXER 2-4, ITS 420 2-4, ITS 96 2-4
FR EI30	4	GEZE TS 2000, GEZE TS 3000, GEZE TS 4000, GROOM 200, DORMA TS 83, DORMA TS 93	BOXER 2-4, ITS 420 2-4, ITS 96 2-4
FR EI30 SR 42 dB	4	GEZE TS 2000, GEZE TS 3000, GEZE TS 4000, GROOM 200, DORMA TS 83, DORMA TS 93	BOXER 2-4, ITS 96 2-4
EI30 PLUS full height up to 2200 mm	4*	GEZE TS 2000*, GEZE TS 3000, GEZE TS 4000*, GROOM 200*, DORMA TS 83*	BOXER 2-4 , ITS 420 2-4, ITS 96 2-4
EI30 PLUS full height from 2201 mm to 2500 mm	5	GEZE TS 2000, GROOM 200, DORMA TS 83, DORMA TS 93	-
EI30 PLUS glazed height up to 2200 mm	5	GEZE TS 2000, GROOM 200, DORMA TS 83, DORMA TS 93	-
EI30 PLUS glazed height from 2201 mm to 2500 mm	6	GEZE TS 4000, GEZE TS 5000, DORMA TS 83, DORMA TS 93	-
EI60 PLUS full height up to 2200 mm	5	GEZE TS 2000, GROOM 200, DORMA TS 83, DORMA TS 93	BOXER 2-4 *** ITS 420 2-4 *** ITS 96 3-6
EI60 PLUS full height from 2201 mm to 2500 mm	6	GEZE TS 4000, GEZE TS 5000, DORMA TS 83, DORMA TS 93	ITS 96 3-6
EI60 PLUS glazed height to 2400 mm	6**	GEZE TS 4000, GEZE TS 5000, DORMA TS 83**, DORMA TS 93**	ITS 96 3-6
EI60 PLUS glazed height from 2401 mm to 2500 mm	7	DORMA TS 83, DORMA TS 93	-
soundproof TYPE A, TYPE B	4*	GEZE TS 2000*, GROOM 200, DORMA TS 83	-
soundproof TYPE A DUO, TYPE B DUO	4*	GEZE TS 2000, GEZE TS 3000, GEZE TS 4000, GROOM 200, DORMA TS 83	BOXER 2-4 **** ITS 420 2-4, ITS 96 2-4
interior	4*	GEZE TS 2000*, GEZE TS 3000, GEZE TS 4000*, GROOM 200, DORMA TS 83	GEZE BOXER 2-4 with rail****, ASSA ABLOY DC840 with rail G892

Automatic door closer arm: GEZE TS 2000, GROOM 200, DORMA TS 83, GEZE TS 4000 Automatic door closer rail: GEZE TS 3000, DORMA TS 93, GEZE TS 5000

* for door leaf of width „110” mm automatic door closer size 5

** for door leaf of width „110” mm automatic door closer size 7

*** only to door of dimension 1012x2075 mm

**** only with fixed door frame

***** door thickness 46 mm (rebated door)

LIST OF HINGES

Door type	NOTES	No of hinges	Hinges type
TYPE A / TYPE B	-	3	pivot hinge ø13,5
TYPE A / TYPE B DUO	for width from „60” to „70” for width from „80” for lengthened door	2 3 3	concealed hinge DUO
DECO INVEST	-	3	three-piece hinge typ T
HIGRO	-	2	TECTUS by Simonswerk
GAMMA	for width from „60” to „110”	3	hinge ECO SCHULTE OBX
SR 37 dB	for width from „60” to „90 PLUS” for width „100”	3 4	pivot hinge ø20
RC3, RC3 INVEST	-	4	pivot hinge ø16
RC4	-	2	hinge ECO SCHULTE OBX
RC4 EI30	-	3	hinge ECO SCHULTE OBX
CERBER PLUS, CERBER PLUS RC2	-	3	pivot hinge ø16
B-30	for width from „60” to „90 PLUS” for width „100” for lengthened door	3 4 4	pivot hinge ø20
C-30	for width from „60” to „90 PLUS” for width „100” for lengthened door	3 4 4	pivot hinge ø20
FR EI30 SR 32 dB	for width from „60” to „90 PLUS” for width „100” for lengthened door	3 4 4	pivot hinge ø20
FR EI30 SR 42 dB DM	-	2	hinge ECO SCHULTE OBX
EI30 PLUS	for width from „60” to „90 PLUS” for width „100” „110” for lengthened door above 25mm	3 4 4	pivot hinge ø20
EI30 PLUS NON-REBATED	-	3	ECO SCHULTE/TECTUS by Simonswerk
EI60 PLUS	-	4	pivot hinge ø20
EI60 PLUS NON-REBATED	-	3	ECO SCHULTE/TECTUS by Simonswerk
FR EI30 SR 42	for width from „60” do „100” for width „110”	2 3	hinge ECO SCHULTE OBX hinge ECO SCHULTE OBX

LIST OF INSERTS

No.	Insert size	Manufacturer	Sound insulating TYPE A, TYPE B - REBATED VERSION	Sound insulating, TYPE A DUO, TYPE B DUO -NON-REBATED SINGLE-LEAF VERSION	Sound insulating TYPE A DUO, TYPE B DUO -NON-REBATED DOUBLE-LEAF VERSION	FR EI30 SR 32 dB, FR EI30 PLUS - rebated single-leaf	FR EI30 PLUS - non-rebated double-leaf	To panic bar	CERBER PLUS, CERBER PLUS RC2 CERBER PLUS 37 dB	CERBER PLUS, CERBER PLUS 37 dB	B-30/C-30	RC3, RC3 INVEST	RC4, RC4 EI30					
1	30x30	LOB	x															
2	30x35	LOB	x															
3	30x35G	LOB											x					
4	30x40	LOB		x														x
5	30Gx40	LOB											x					
6	30x40G	LOB																
7	35x40	LOB		x														
8	30x45	LOB			x	x												
9	35x45	LOB				x												
10	40x40	LOB					x											
11	35x35	LOB			x													
12	40x45	LOB				x	x	x	x									
13	9x30	LOB							x									
14	30Gx35	Wilka								x								
15	30x35G	Wilka							x									
16	40x30G	Wilka													x			
17	35Gx45	Wilka											x					
18	35Gx40	Wilka													x	x		
19	35x40G	Wilka											x	x				

	OTERMA			OTERMA II			GARDA colour INOX	
	handle-handle	handle-door knob	upper rosette	handle-handle	handle-door knob	upper rosette	handle-handle	upper rosette
colour silver/inox	118/145,14	149/183,27	48/59,04	142/174,66	135/166,05	61/75,03	209/257,07	88/108,24
colour titanium/black	118/145,14	149/183,27	48/59,04	142/174,66	135/166,05	61/75,03	229/281,67	90/110,70

GLAZING

(within the clear opening) of fire-rated doors

FR EI30 SR 32 dB		EI30 PLUS					EI60 PLUS				
Glass dimension clear opening [mm]:		W1S		W2S		W3S		W4S		W1S	W3S
		Glass dimension clear opening [mm]:									
,60"	-					166x1054		166x1384			166x860
,70"	169x1056					266x1054		266x1384			266x860
,80"	269x1056					366x1054		366x1384			366x860
,90"	369x1056					466x1054		466x1384			466x860
,100"	469x1056					566x1054		566x1384			566x860
,110"	-					666x1054		666x1384			566x860



WIDE-ANGLE PEEPHOLE
silver 72/88,56
brass 83/102,09
black, anthracite 83/102,09

Wizery:
- interior door, Cerber Plus: peephole Ø15 LOB of range 35-55 mm
- technical door: peephole Ø20 Panorama 200 of range 45-70 mm

TECHNICAL DIMENSIONS

WOODEN DOOR FRAMES

ZF: to door FR EI30

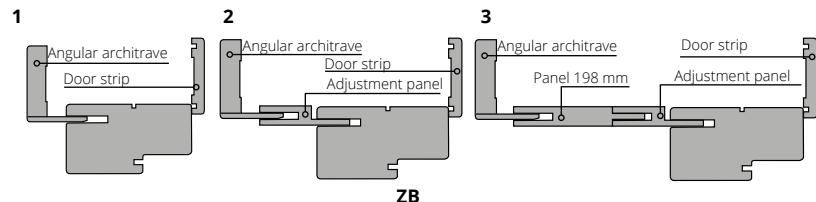
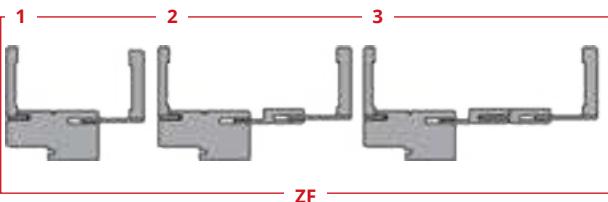
ZB: to door EI30 PLUS, B-30, C-30, RC3, SR 37 dB

ZA: Do drzwi EI60 PLUS

symbol	regulation range	symbol	regulation range	completion
ZF1	100-108	ZB1	100-120	frame 100 mm, strip, architrave 32 mm
ZF2	108-132	ZB2	120-144	frame 100 mm, strip, architrave 52 mm

symbol	regulation range	symbol	regulation range	completion
ZF3	132-176	ZB3	144-188	frame 100 mm, strip, architrave 32 mm, panel 76 mm
ZF4	176-198	ZB4	188-210	frame 100 mm, strip, architrave 52 mm, panel 76 mm
ZF5	198-242	ZB5	210-254	frame 100 mm, strip, architrave 32 mm, panel 142 mm
ZF6	242-264	ZB6	254-276	frame 100 mm, strip, architrave 52 mm, panel 142 mm
ZF7	264-308	ZB7	276-320	frame 100 mm, strip, architrave 32 mm, panel 208 mm
ZF8	308-330	ZB8	320-342	frame 100 mm, strip, architrave 52 mm, panel 208 mm
ZF9	330-374	ZB9	342-386	frame 100 mm, strip, architrave 32 mm, panel 274 mm
ZF10	374-398	ZB10	386-410	frame 100 mm, strip, architrave 52 mm, panel 274 mm

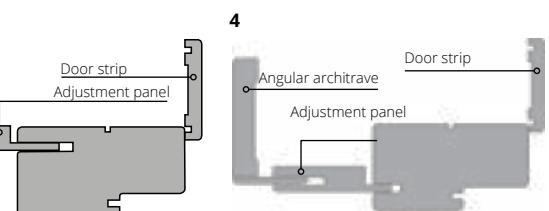
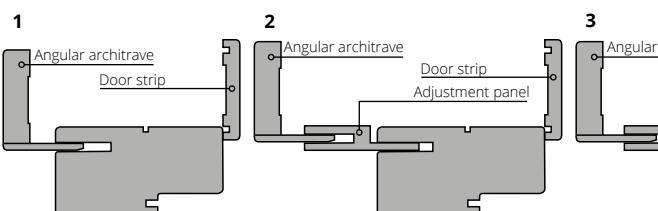
symbol	regulation range	symbol	regulation range	completion
ZF11	398-417	ZB11	410-429	frame 100 mm, strip, architrave 32 mm, panel 142+198 mm
ZF12	417-464	ZB12	429-476	frame 100 mm, strip, architrave 52 mm, panel 142+198 mm
ZF13	464-483	ZB13	476-495	frame 100 mm, strip, architrave 32 mm, panel 208+198 mm
ZF14	483-530	ZB14	495-542	frame 100 mm, strip, architrave 52 mm, panel 208+198 mm
ZF15	530-548	ZB15	542-560	frame 100 mm, strip, architrave 32 mm, panel 274+198 mm
ZF16	548-593	ZB16	560-605	frame 100 mm, strip, architrave 52 mm, panel 274+198 mm



To door CERBER PLUS, CERBER PLUS 37 dB, GAMMA

1	2
symbol	regulation range
ZC1, ZG1	92-112
ZC2, ZG2	112-136
completion	
ZC3, ZG3	136-180
ZC4, ZG4	180-202
completion	
ZC5, ZG5	202-246
ZC6, ZG6	246-268
completion	
ZC7, ZG7	268-312
ZC8, ZG8	312-334
completion	
ZC9, ZG9	334-378
ZC10, ZG10	378-402
completion	

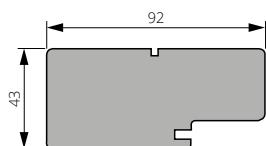
3		
symbol	regulation range	completion
ZC11, ZG11	402-421	frame 92 mm, strip, architrave 32 mm, panel 142+198 mm
ZC12, ZG12	421-468	frame 92 mm, strip, architrave 52 mm, panel 142+198 mm
ZC13, ZG13	468-487	frame 92 mm, strip, architrave 32 mm, panel 208+198 mm
ZC14, ZG14	487-534	frame 92 mm, strip, architrave 52 mm, panel 208+198 mm
ZC15, ZG15	534-553	frame 92 mm, strip, architrave 32 mm, panel 274+198 mm
ZC16, ZG16	553-600	frame 92 mm, strip, architrave 52 mm, panel 274+198 mm



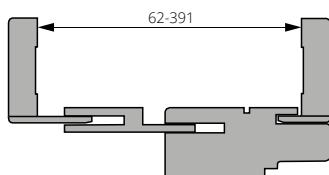
There is a possibility of non-standard construction after consultation with the Sales Department.

FRAMES TO SOUND INSULATING DOOR TYPE A, TYPE B, TYPE A DUO, TYPE B DUO

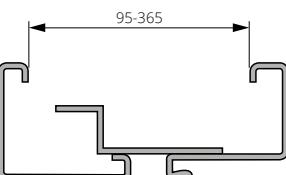
Fixed POL-SKONE



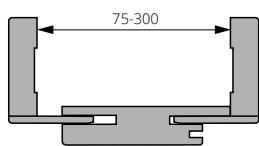
Adjustable POL-SKONE



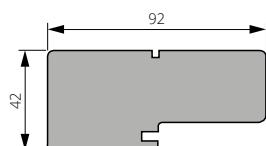
Metal adjustable



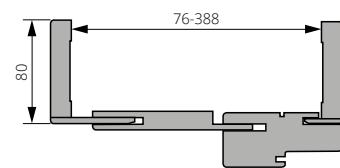
Adjustable System DIN



Fixed System DUO



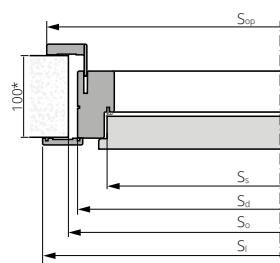
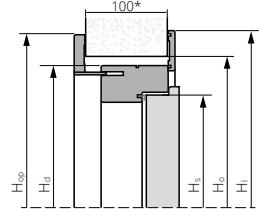
Adjustable System DUO



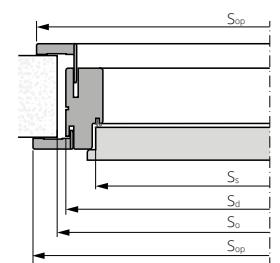
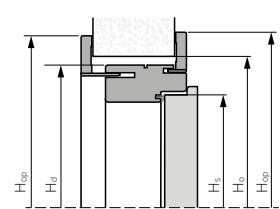
It is possible to produce adjustable frames with non-standard ranges.

TECNINAL DIMENSIONS

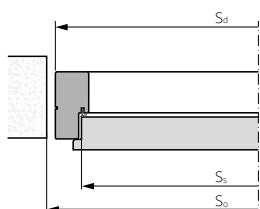
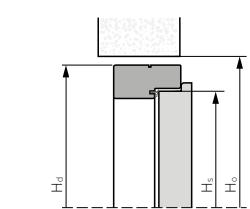
FR EI30, EI 30 PLUS, EI 60 PLUS, B-30, C-30, RC3, SR 37 dB, SR 42 dB, CERBER PLUS, GAMMA WOODEN DOOR FRAME



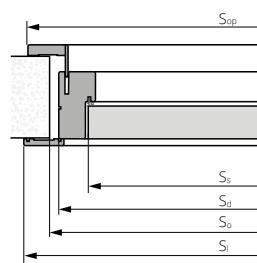
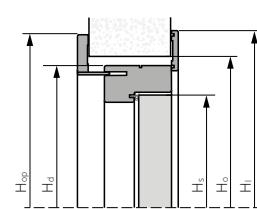
FR EI30 (DOUBLE-SIDED ADJUSTMENT)
SOUNDPROOF TYPE A, B WOODEN DOOR FRAME



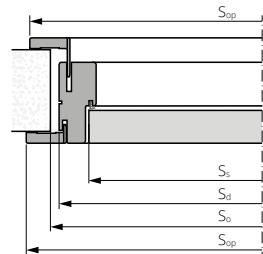
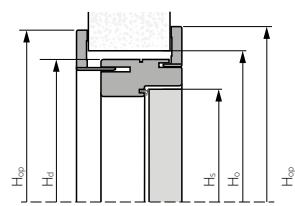
SOUNDPROOF TYPE A, B
FIXED WOODEN FRAME



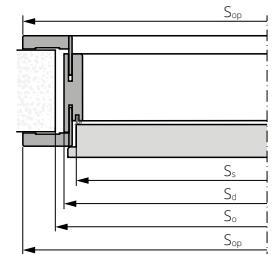
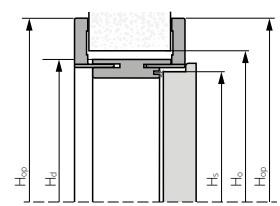
EI30 PLUS, EI60 PLUS
WOODEN DOOR FRAME



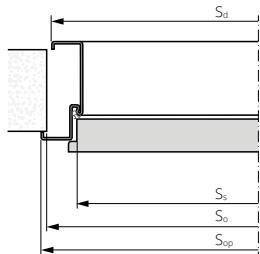
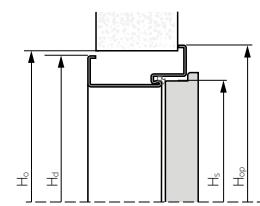
SOUNDPROOF TYPE A, B
NON-REBATED WOODEN DOOR
FRAME



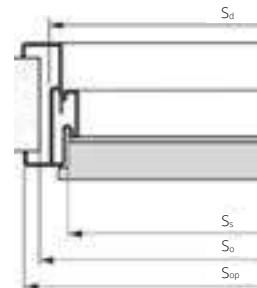
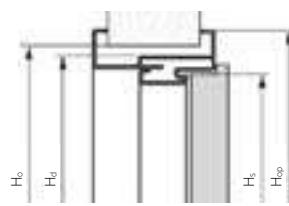
SOUNDPROOF TYPE A, B
FRAME DIN ZP ADJUSTABLE



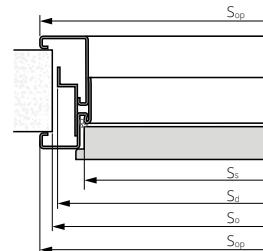
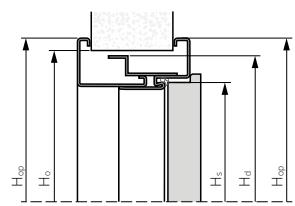
EI30 PLUS, EI60 PLUS, RC3, RC4,
GAMMA, DECO INVEST, CERBER PLUS
FIXED METAL FRAME



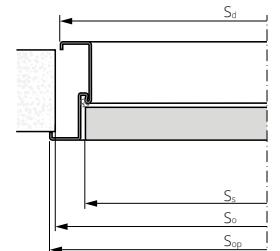
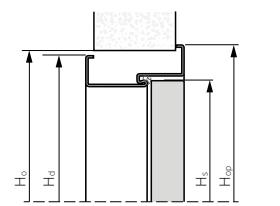
EI30 PLUS, EI60 PLUS
ADJUSTABLE METAL FRAME



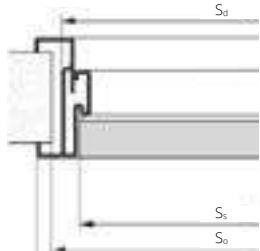
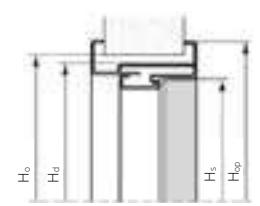
SOUNDPROOF TYPE A, B,
DECO INVEST, GAMMA
ADJUSTABLE METAL FRAME



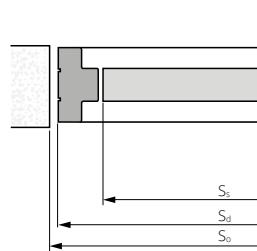
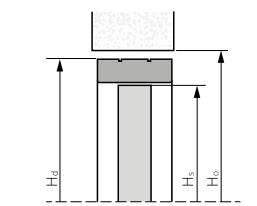
EI30 PLUS, EI60 PLUS, HIGRO
FIXED METAL FRAME



EI30 PLUS, EI60 PLUS
ADJUSTABLE METAL FRAME



SWING DOOR
FIXED WOODEN FRAME



* in case of EI60 PLUS width is 120 mm

TECNICAL DIMENSIONS

Door type	Door frame type	Size	Ss	Hs	Sd	Hd	Sop	Hop	Sop with panel	Hop with panel	Sl	Hi	So	Ho
EI30 PLUS EI60 PLUS REBATED VERSION	wooden	„60”	624	2026	712	2075	806	2121	816	2126	823	2130	740	2090
		„70”	724		812		906		916		923		840	
		„80”	824		912		1006		1016		1023		940	
		„90”	924		1012		1106		1116		1123		1040	
		„90” plus	944		1032		1126		1136		1143		1060	
		„100”	1024		1112		1206		1216		1223		1140	
		„90”+, „90”	924 I 936		1952		2046		2056		2063		1980	
		„100”+, „100”	1024 I 1036		2152		2246		2256		2263		2180	
	adjustable metal	„60”	624		661	2038	724	2081	-	-	-	-	665*	2055
		„70”	724		761		824		-		-		765*	
		„80”	824		861		924		-		-		865*	
		„90”	924		961		1024		-		-		965*	
		„90” plus	944		981		1044		-		-		985*	
		„100”	1024		1061		1124		-		-		1065*	
		„90”+, „90”	924 I 936		1899		1962		-		-		1905*	
		„100”+, „100”	1024 I 1036		2099		2162		-		-		2105*	
	fixed metal	„60”	624		660	2049	704	2071	-	-	-	-	680*	2060
		„70”	724		760		804		-		-		780*	
		„80”	824		860		904		-		-		880*	
		„90”	924		960		1004		-		-		980*	
		„90” plus	944		980		1024		-		-		1000*	
		„100”	1024		1060		1104		-		-		1080*	
		„90”+, „90”	924 I 936		1898		1942		-		-		1920*	
		„100”+, „100”	1024 I 1036		2098		2142		-		-		2120*	
	wooden	„60”	624	2026	712	2075	806	2121	816	2126	823	2130	740	2090
		„70”	724		812		906		916		923		840	
		„80”	824		912		1006		1016		1023		940	
		„90”	924		1012		1106		1116		1123		1040	
		„90” plus	944		1032		1126		1136		1143		1060	
		„100”	1024		1112		1206		1216		1223		1140	
		„90”+, „90”	924 I 936		1952		2046		2056		2063		1980	
		„100”+, „100”	1024 I 1036		2152		2246		2256		2263		2180	
	FR EI30	„60”	624	2026	712	2075	806	2121	816	2126	823	2130	740	2090
		„70”	724		812		906		916		923		840	
		„80”	824		912		1006		1016		1023		940	
		„90”	924		1012		1106		1116		1123		1040	
		„90” plus	944		1032		1126		1136		1143		1060	
		„100”	1024		1112		1206		1216		1223		1140	
		„90”+, „90”	924 I 936		1952		2046		2056		2063		1980	
		„100”+, „100”	1024 I 1036		2152		2246		2256		2263		2180	
	FR EI30 DOUBLE-SIDED ADJUSTMENT	„60”	624	2026	712	2075	806	2121	816	2126	831	2134	740	2090
		„70”	724		812		906		916		931		840	
		„80”	824		912		1006		1016		1031		940	
		„90”	924		1012		1106		1116		1131		1040	
		„90” plus	944		1032		1126		1136		1151		1060	
		„100”	1024		1112		1206		1216		1231		1140	
		„90”+, „90”	924 I 936		1952		2046		2056		2069		1980	
		„100”+, „100”	1024 I 1036		2152		2246		2256		2269		2180	
	EI30 Plus EI60 Plus NON-REBATED VERSION	„60”	625	2026	712	2075	806	2121	816	2126	823	2130	740	2090
		„70”	725		812		906		916		923		840	
		„80”	825		912		1006		1016		1023		940	
		„90”	925		1012		1106		1116		1123		1040	
		„90” plus	945		1072		1166		1176		1183		1140	
		„100”	1025		1112		1206		1216		1223		1140	
		„90”+, „90”	925 I 925		1930		2024		2034		2041		1960	
		„100”+, „100”	1025 I 1025		2130		2224		2234		2241		2160	
	adjustable metal	„60”	625	2026	660	2045	724	2081	-	-	-	-	665*	2055
		„70”	725		760		824		-		-		765*	
		„80”	825		860		924		-		-		865*	
		„90”	925		960		1024		-		-		965*	
		„90” plus	945		1020		1084		-		-		1025*	
		„100”	1025		1060		1124		-		-		1065*	
		„90”+, „90”	925 I 925		1876		1940		-		-		1080*	
		„100”+, „100”	1025 I 1025		2076		2140		-		-		2080*	
	fixed metal	„60”	625	2026	660	2049	724	2081	-	-	-	-	680*	2060
		„70”	725		760		824		-		-		780*	
		„80”	825		860		924		-		-		880*	
		„90”	925		960		1024		-		-		980*	
		„90” plus	945		1020		1084		-		-		1040*	
		„100”	1025		1060		1124		-		-		1080*	
		„90”+, „90”	925 I 925		1876		1940		-		-		1089*	
		„100”+, „100”	1025 I 1025		2076		2140		-		-		2096*	
	wooden	„60”	625	2025	712	2075	806	2121	816	2126	823	2130	740	2090
		„70”	725		812		906		916		923		840	
		„80”	825		912		1006		1016		1023		940	
		„90”	925		1012		1106		1116		1123		1040	
		„90” plus	945		1072		1136		1146		1153		1060	
		„100”	1025		1112		1206							

TECNICAL DIMENSIONS

Door type	Door frame type	Size	Ss	Hs	Sd	Hd	Sop	Hop	Sop with panel	Hop with panel	Sl	Hl	So	Ho
ACOUSTIC DOOR - REBATED VERSION	SR 37 dB	wooden	„80”	824	2022	912	2075	1006	1016	2126	1023	2130	940	2090
			„90”	924		1012		1106	1116		1123		1040	
			„100”	1024		1112		1206	1216		1223		1140	
	TYPE A TYPE B	adjustable metal	„80”	818	2020	884	2062	917	-	-	-	-	889	2065
			„90”	918		984		1017	-		-		989	
			„90” plus	928		994		1027	-		-		999	
			„100”	1018		1084		1117	-		-		1089	
			„80”	818		895	2067	988	998	2118	998	2118	915	2080
	TYPE A TYPE B	adjustable wooden	„90”	918		995		1088	1098		1098		1015	
			„90” plus	928		1005		1098	1108		1108		1025	
			„100”	1018		1095		1188	1198		1198		1115	
			„80”	818	2020	889		-	-	-	-	-	910	2075
		wooden fixed	„90”	918		989		-	-		-		1010	
			„90” plus	928		999		-	-		-		1020	
			„100”	1018		1089		-	-		-		1110	
	TYPE A Duo TYPE B Duo - NON-REBATED VERSION	adjustable DIN	„80”	818	2020	846	2043	946	-	-	-	-	875	2055
			„90”	918		946		1046	-		-		975	
			„90” plus	928		956		1056	-		-		985	
			„100”	1018		1046		1146	-		-		1075	
		adjustable wooden	„80”	825	2040	893	2083	1026	1036	2154	1036	2154	915	2095
			„90”	925		993		1126	1136		1136		1015	
			„90” plus	950		1018		1151	1161		1161		1040	
			„100”	1025		1093		1226	1236		1236		1115	
			„90”, „90”	925 I 925		1908		2041	2051		2051		1930	
			„100”, „100”	1025 I 1025		2108		2241	2251		2251		2130	
	HIGRO	metal	„80”	825	2042	872	2073	902	-	-	-	-	885	2080
			„90”	925		972		1002	-		-		985	
			„100”	1025		1072		1102	-		-		1085	
	GAMMA	wooden	„80”	818	2020	895	2067	988	998	2119	1001	2120	915	2080
			„90”	918		995		1088	1098		1101		1015	
			„100”	1018		1095		1188	1198		1201		1115	
			„110”	1118		1195		1288	1298		1301		1215	
			„90”, „90”	918 I 931		1930		2023	2033		2036		1950	
			„100”, „100”	1018 I 1031		2130		2223	2233		2236		2150	
			„110”, „110”	1118 I 1131		2330		2423	2433		2436		2350	
		adjustable metal	„80”	818	2020	884	2062	917	-	-	-	-	890	2065
			„90”	918		984		1017	-		-		990	
			„100”	1018		1084		1117	-		-		1090	
			„110”	1118		1184		1217	-		-		1190	
			„90”, „90”	918 I 931		1925		1951	-		-		1925	
	DECO INVEST	fixed metal	„100”, „100”	1018 I 1031		2125		2151	-	-	-	-	2125	2060
			„110”, „110”	1118 I 1131		2225		2351	-		-		2325	
			„80”	818	2020	871	2055	897	-	-	-	-	881	2060
			„90”	918		971		997	-		-		981	
			„100”	1018		1071		1097	-		-		1081	
		adjustable metal	„110”	1118		1171		1197	-	-	-	-	1181	2060
			„90”, „90”	918 I 931		1905		1931	-		-		1915	
			„100”, „100”	1018 I 1031		2105		2131	-		-		2115	
			„110”, „110”	1118 I 1131		2305		2331	-		-		2315	
			„70”	721	2020	774	2055	800	-	-	-	-	785	2065
		fixed metal	„80”	821		874		900	-		-		885	
			„90”	921		974		1000	-		-		985	
			„90” plus	931		984		1010	-		-		995	
			„100”	1021		1074		1100	-		-		1085	
			„110”	1121		1174		1200	-		-		1185	
		adjustable metal	„90”, „90”	921 I 934		1908		1934	-	-	-	-	1918	2065
			„100”, „100”	1021 I 1034		2108		2134	-		-		2118	
			„80”	821	2020	888	2062	920	-	-	-	-	892	2065
			„90”	921		988		1020	-		-		992	
			„90” plus	931		998		1030	-		-		1002	
			„100”	1021		1088		1120	-		-		1092	
			„110”	1121		1188		1220	-		-		1192	
	SWING DOOR	fixed wooden	„90”, „90”	921 I 934	2033	1922	2076	1954	-	-	-	-	1925	2090
			„100”, „100”	1021 I 1034		2122		2154	-		-		2125	
			„60”	644		769		-	-		-		795	
			„70”	744		869		-	-		-		895	
			„80”	844		969		-	-		-		995	
			„90”	944	2033	1069	2076	-	-	-	-	-	1095	2090
			„60”, „60”	644 I 644		1418		-	-		-		1445	
			„70”, „70”	744 I 744		1618		-	-		-		1645	
			„80”, „80”	844 I 844		1818		-	-		-		1845	
			„90”, „90”	944 I 944		2018		-	-		-		2045	

** possibility to order doors on special height 2000 mm, 1950 mm

* the necessity of drilling into the wall to install junction boxes

Sop - door leaf width

Hs - door leaf height

Sd - door width

Hd - door height

Sop - door width on the outside of the architrave 60 mm

Hop - door height on the outside of the architrave 60 mm

Sop with panel - width on the outside of architrave for ranges with widening panel

Hop with panel - height on the outside of architrave for ranges with widening panel

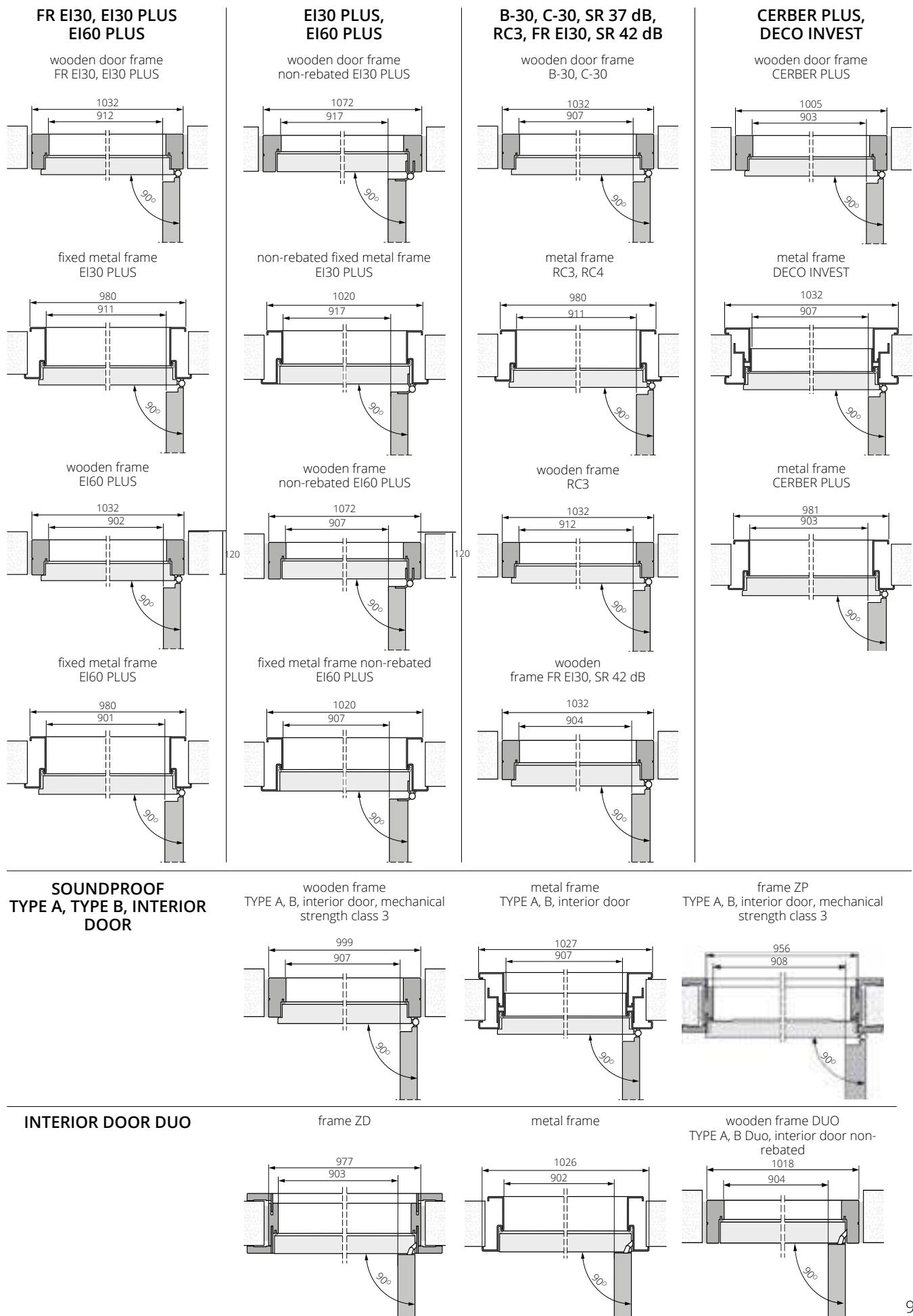
Sl - door width with architraves/strips 60 mm on hinge side

Hl - door height with architraves/strips 60 mm on hinge side

So - Suggested mounting hole width

IMPORTANT USER INFORMATION

CONCERNING 90 PLUS WIDTH



EXTRA CHARGES TO PAINTED DOOR TO BASIC COLOUR WHITE (RAL 9003)

Eco-friendly acrylic paints, RAL colours (except metallic) - extra charge to the basic colour white (RAL 9003) according to the colour table for individual models.

RAL palette colour division according to the degree of colour intensity (does not apply to metal frames)

Group I extra charge acc. to colour table

6020 7002 7042 8000

Group II extra charge acc. to colour table

1000 1001 1002 1012 1013 1014 1015 1020 3011 3016 4002 4006 5001 5002 5005 5007 5008 5009 5010 5012 5013 5015 5017 5019 5020 5022 5024 6000 6001 6004
6005 6007 6009 6012 6013 6014 6015 6016 6021 6022 6024 6026 6028 6029 6032 6034 7000 7001 7003 7004 7005 7006 7008 7009 7010 7011 7012 7013 7015 7016
7021 7022 7023 7024 7026 7030 7031 7032 7033 7034 7035 7036 7037 7038 7039 7040 7043 7044 7045 7046 7047 8001 8003 8007 8008 8011 8014 8015 8016 8017

8019 8022 8023 8025 8027 8028 9001 9010 9016 9018

Group III extra charge acc. to colour table

1011 1021 1027 1037 2011 3009 3012 3013 3014 3015 4010 5003 5004 5011 5014 5018 5021 6002 6006 6008 6010 6017 6018 6025 6027 6033 8002 8004 8012

Group IV extra charge acc. to colour table

1007 1016 1018 1032 2000 2004 3000 3002 3003 3004 3005 3007 3017 3018 3027 4001 4003 4004 4005 4007 4008 4009 5000 5023 6003 6011 6019 6031 9024

Group V extra charge acc. to colour table

1003 1004 1005 1006 1017 1019 1023 1024 1028 1033 1034 2001 2002 2003 2008 2009 2010 2012 3001 3020 3022 3028 3031 6037

Actual colours may vary from those shown in the offer. Permissible difference in shade of leaves, frames and frames.

EXTRA CHARGE FOR HPL LAMINATE

Laminate HPL, thickness 1 mm, structure FH.



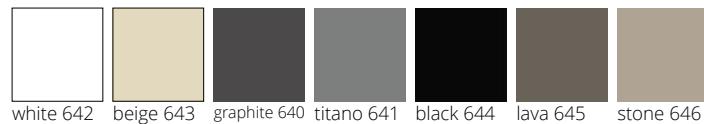
POSSIBILITY TO PRODUCE EDGE IN PAINTED RAL OR NCS COLOURS APPLIES TO LAMINATED DOORS (EXTRA CHARGE UP TO 1 PCS)

150/184,50

code of laminate UNI	The approximate RAL/NCS equivalent suggested is not 100% compatible	wooden frame and edge; metal frame	metal frame	extra charge	
				„60“-„100“	„110“-„120“
0010	RAL 1023	painted frame, painted edge	RAL 1023 painted edge		
0075	RAL 7037	painted frame, painted edge;	RAL 7037; painted edge		
0077	RAL 7024	painted frame, painted edge or option Lamistone 531; anthracite edge	RAL 7024 ;painted edge		
0080	RAL 9005	painted frame, painted edge or option Lamistone 244 black edge	RAL 9005; painted edge		
0085	RAL 9016	painted frame, painted edge option Lamistone 258 white edge	RAL 9003; painted edge		
0717	RAL 5015	painted frame, painted edge;	RAL 5015; painted edge		
0730	RAL 7035/RAL 7047	painted frame, painted edge or option Lamistone 289; grey edge	RAL 7035/RAL 7047; painted edge		
0743	RAL 7044	painted frame, painted edge	RAL 7044 painted edge		
0747	RAL 7030	painted frame, painted edge;	RAL 7030; painted edge		
0753	RAL 7045	painted frame, painted edge;	RAL 7045; painted edge		

INDIVIDUAL PRICING
DEPENDING ON THE WIDTH,
HEIGHT AND NUMBER OF
PIECES OF THE DOOR

COLOUR UNI MAT PLUS	The approximate RAL/NCS equivalent suggested is not 100% compatible
White 642	RAL 9003
BEIGE 643	NCS S 2005 Y50R
GRAPHITE 640	RAL 7024
TITANO 641	RAL 7037



POSSIBILITY TO PRODUCE EDGING IN COLOUR BLACK UNI RAL 9005; GREY 222; ANTHRACITE 531 TO WOOD-LIKE LAMINATES
applicable to DECO, CERBER PLUS, CERBER PLUS RC2; RC3, RC4, B30, C30.

NO EXTRA
CHARGE



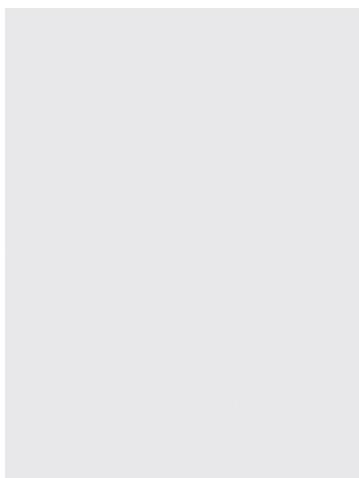
POSSIBILITY TO PRODUCE ABS EDGING 0.8 MM applicable to non-rebated DECO door	protection 3 edges	65/79,95
	protection 4 edges	80/98,40



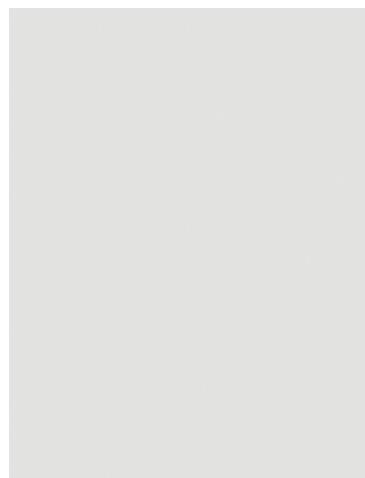
EXTRA CHARGES FOR HPL LAMINATE WITH ANTIBACTERIAL COATING

NEW

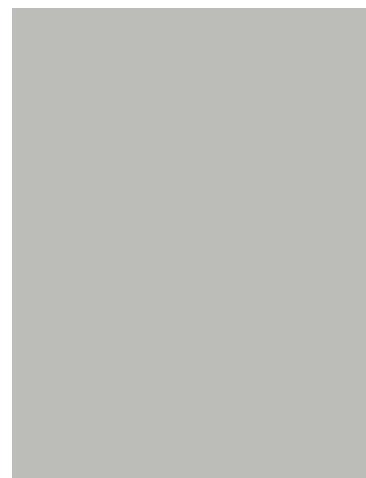
All POLYREY SANITIZED HPL laminates undergo an antimicrobial silver-ion core treatment to ensure that they retain their antimicrobial properties over the long term, very important in the health and catering industry and in public spaces. Doors with this unique coating are dedicated to **hospitals and medical facilities**.



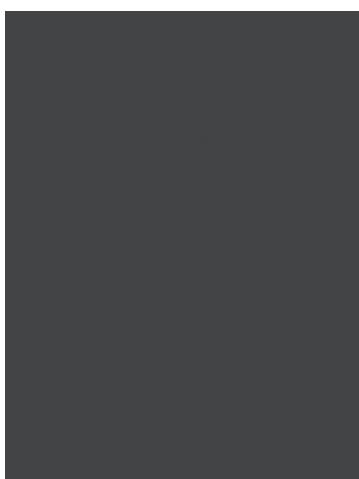
B117 FA | 9417 FA



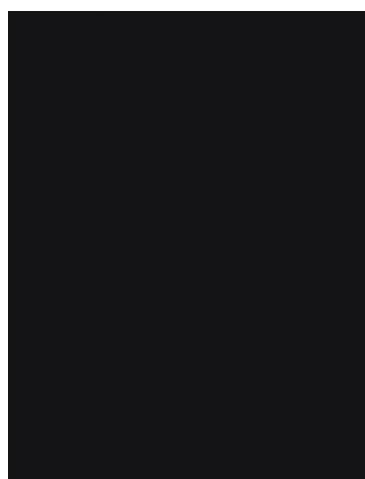
B068 FA



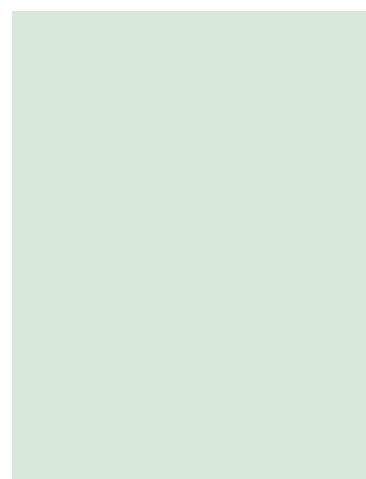
G0149 FA



G059 FA



N005 FA



G116 FA

code of laminate UNI	The approximate RAL/NCS equivalent suggested is not 100% compatible	wooden frame and edge; metal frame	metal frame	Extra charge per door unit in CPL 0.2 mm surface	
				„60“-„90“	„100“-„110“
B117 FA 9417 FA	RAL 9003	painted frame, painted edge;	RAL 9003; painted edge or white		
B068 FA	RAL 9016	painted frame, painted edge or option LAMISTONE 258; white edge	RAL 9016; painted edge or white		
G0149 FA	RAL 7035	fainted frame, painted edge or option LAMISTONE 289; grey edge	RAL 7035/RAL 7047; painted edge		
G059 FA	RAL 7024	painted frame, painted edge or option LAMISTONE 531; anthracite edge	RAL 7024 ;painted edge		
N005 FA	RAL 9005	painted frame, painted edge or option LAMISTONE 244 black edge	RAL 9005; painted edge or black edge		
G116 FA	RAL 7035 / RAL 7047	painted frame, painted edge or option LAMISTONE 289; grey edge	RAL 7035/RAL 7047; painted edge		

individual pricing
depending on the width,
height and number of
pieces of the door

STOWAGE DOORS

- It is recommended to use fire rated doors EI30 Plus, EI60 Plus on a fixed wooden frame with possible door panels classified as fire resistant.
- The door is equipped with a mortise lock with hole for insert without handle.
- In case of doors to shafts where there is a temperature difference between two rooms it is recommended to use ventilation grilles as an option for ventilation.



NEW

BICOLOUR DOORS



bicolour leaf, single-colour frame



bicolour leaf, bicolour frame



BICOLOURED DOORS (INTERNAL AND TECHNICAL DOORS)

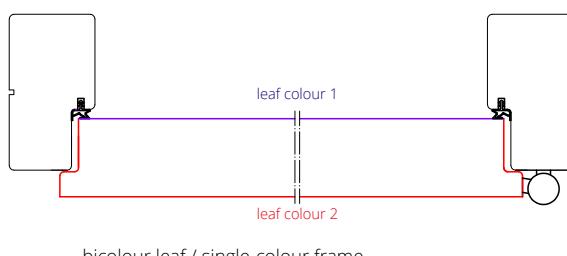
ONLY PANEL STRUCTURES, NOT APPLICABLE TO FRAME AND PANEL STRUCTURES. COLOURS ONLY FROM THE SAME COLOUR GROUP E.G. ECO TOP+ECO TOP, LAMISTONE+LAMISTONE, CPL 0.2+CPL 0.2, HPL+HPL

bicolour leaf/single-colour frame

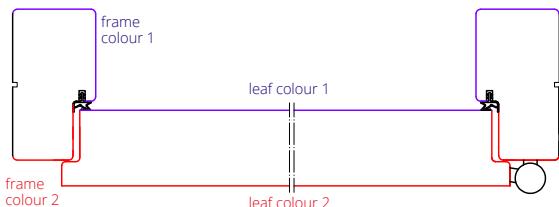
no extra charge

bicolour leaf/ bicolour frame

no extra charge

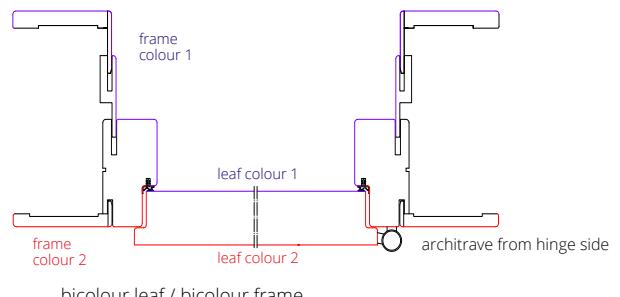


bicolour leaf / single-colour frame

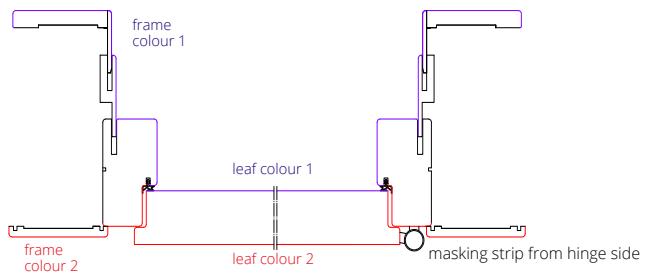


bicolour leaf/bicolour frame

Fixed frame



bicolour leaf / bicolour frame



masking strip from hinge side

Adjustable frame

CLASSIFICATION OF LAMINATES

On the basis of research reports from the Wood Technology Institute, we have developed for you a classification of laminate surface coatings taking into account various external factors (scratch resistance, stain resistance) that directly affect the durability of door surfaces.



SCRATCH RESISTANCE

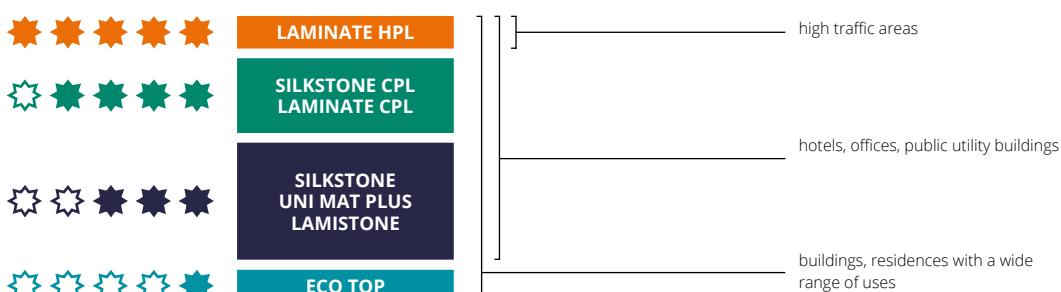


The surface of a door is exposed to repeated abrasions and scratches due to everyday use. A solid surface must have an increased resistance to scratches caused by the play of our children, pets or the transport of various items.



RESISTANCE TO STAINING BY CLEANING AGENTS

Systematic cleaning of the surfaces during everyday cleaning, forces us to use various cleaning agents, which often affect the durability of the door coating.



COLOURS

ECO TOP

A surface that offers an excellent combination of price and quality, ensuring long-lasting use in households.

HIGH TOP

Surface with ECO TOP characteristics with the additional effect of real wood structure.

UNI MAT PLUS

Reinforced surface characterised by silky haptics and a special coating resistant to fingerprints.

LAMISTONE CPL

Surface with a protective coating against abrasion and chemicals. Recommended for public buildings and used in conditions of intensive exploitation of the door joinery e.g. in hotels, offices.

SILKSTONE

Surface with the characteristics of LAMISTONE CPL with an additional, unique effect of real wood structure.

SILKSTONE CPL 0,5 mm

Surface with the characteristics of and resistance of LAMINATE CPL 0,5 mm with an additional unique effect of real wood structure. Recommended for public buildings and use under conditions of intensive exploitation of door joinery, e.g. in hotels, offices.

LAMINATED

Highly resistant surface recommended for public utility buildings and for use under conditions of intensive door exploitation, e.g. in hotels, offices. Permissible difference in colour of leaves and frames.

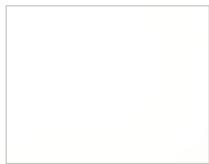
VENEERED

POL-SKONE veneered doors are coated with environmentally friendly UV varnish. It is definitely more resistant to scratches and light resistance than standard varnishes, applied even in several layers. Due to the natural character of veneers there is a possibility of their various shades and grain..

PAINTED

Ecological acrylic paints, RAL and NCS* colours (except metallic) - extra charges as per the colour table for individual models.

ECO TOP



120 white



121 oak



132 walnut



135 English oak



141 Salinas oak



158 honey oak



159 delano oak



160 sonoma oak



161 halif oak

HIGH TOP



148 coffee ash

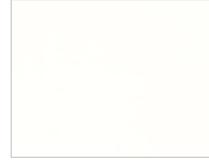
UNI MAT PLUS



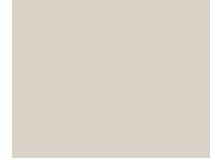
640 graphite



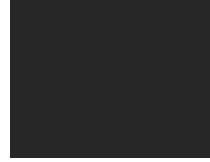
641 titano



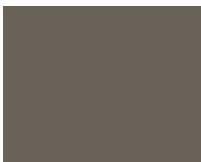
642 white



643 beige



644 white



645 lava



646 stone

* colours available after consultation with the Sales Department

Actual colours may vary from those shown in the offer. Permissible difference in shade of leaves, frames and wooden glazing bars.

LAMISTONE CPL



231 halif oak



240 whitewashed elm V



241 sand elm V



242 grey elm V



243 delano oak



244 black



247 industry 1



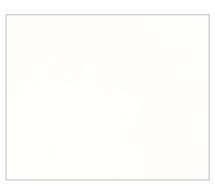
248 industry 2



249 industry 3



250 terra oak



258 white



260 white oak



263 premium walnut



265 wenge



268 sand elm H



269 grey elm H



289 grey



531 anthracite

SILKSTONE



230 gran oak



254 Royal anthracite H



255 Polish ash H



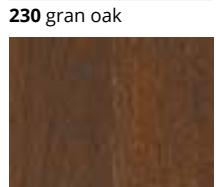
276 Polish oak



293 Royal anthracite



294 Royal ash



295 merbau Royal



296 Polish ash



297 Royal nougat



298 merbau Royal H



299 Royal ash H

SILKSTONE CPL 0,5 mm*



976 Polish oak



993 Royal anthracite



994 Royal ash



995 merbau Royal

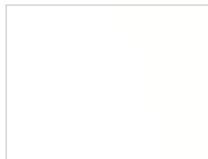


996 Polish ash



997 Royal nougat

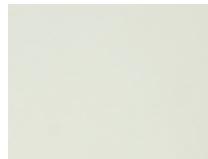
* colours available after consultation with Sales Department
Actual colours may vary from those shown in the offer. Permissible difference in shade of leaves, frames and wooden glazing bars.

LAMINATED CPL 0,2 mm

820 white



221 beech



222 grey



223 cherry



225 terra oak



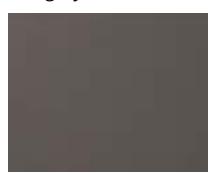
227 delano oak



229 oak



280 halif oak



821 anthracite



844 black



847 industry 1



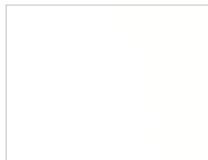
848 industry 2



849 industry 3



863 premium walnut

LAMINATED CPL 0,5 mm*

920 white



251 beech



252 oak



259 grey



921 anthracite



965 wenge



923 cherry



963 premium walnut



947 industry 1



948 industry 2



949 industry 3



825 terra oak



944 black



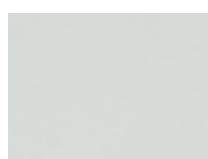
961 halif oak

LAMINATED CPL 0,7 mm*

720 white



771 beech



772 grey



779 oak



721 anthracite



765 wenge



723 cherry



763 premium walnut



747 industry 1



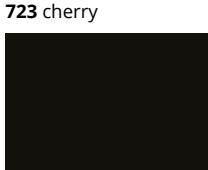
748 industry 2



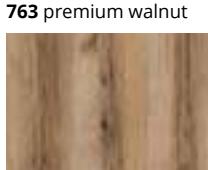
749 industry 3



725 terra oak



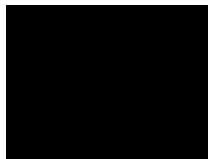
744 black



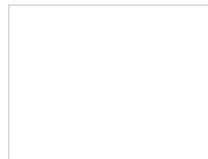
761 halif oak

LAMINATED HPL*

742 red



743 black



741 white



745 wood grain

HPL colours can be applied to:
HARMONY INVEST, DECO, DECO INVEST, FOLDING, SOUNDPROOF, CERBER PLUS, CERBER PLUS RC2, B-30, C-30, RC3, RC3 INVEST, RC4, RC4 EI30.

* colours available after consultation with Sales Department

Actual colours may vary from those shown in the offer. Permissible difference in shade of leaves, frames and wooden glazing bars.

**VENEERED
GROUP A**



311 bright oak

312 limba

334 European oak

**VENEERED
GROUP B**



323 rustikal oak

340 heban

351 marrone

376 steel oak

377 platinum oak

390 natural walnut

404 dark walnut

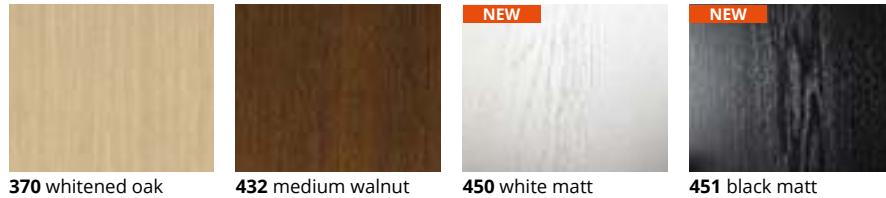
405 bright walnut

421 cappuccino

422 mokka

424 teak

**VENEERED
GROUP C**



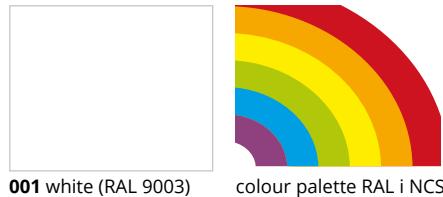
370 whitened oak

432 medium walnut

450 white matt

451 black matt

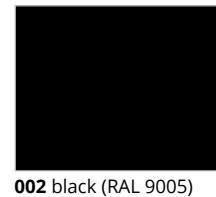
PAINTED



001 white (RAL 9003)

colour palette RAL i NCS

BLACK



002 black (RAL 9005)

*NCS colours – after consultation with the Sales Department

RAL PALETTE – division of colours according to the colour intensity grade (not applicable to the metal door frame). RALcolour palette for metal door frames – p. 11

GROUP I extra charge acc. to the extra charge table

6020 7002 7042 8000 9002

GROUP II extra charge acc. to the extra charge table

1000	1001	1002	1012	1013	1014	1015	1020	3011	3016	4002	4006	5001	5002	5005	5007	5008	5009	5010	5012	5013	5015	5017	5019	5020	5022	5024	6000	6001	6004
6005	6007	6009	6012	6013	6014	6015	6016	6021	6022	6024	6026	6028	6029	6032	6034	7000	7001	7003	7004	7005	7006	7008	7009	7010	7011	7012	7013	7015	7016
7021	7022	7023	7024	7026	7030	7031	7032	7033	7034	7035	7036	7037	7038	7039	7040	7043	7044	7045	7046	7047	8001	8003	8007	8008	8011	8014	8015	8016	8017
8019	8022	8023	8025	8027	8028	9001	9010	9016	9018																				

GROUP III extra charge acc. to the extra charge table

1011	1021	1027	1037	2011	3009	3012	3013	3014	3015	4010	5003	5004	5011	5014	5018	5021	6002	6006	6008	6010	6017	6018	6025	6027	6033	8002	8004	8012
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GROUP IV extra charge acc. to the extra charge table

1007	1016	1018	1032	2000	2004	3000	3002	3003	3004	3005	3007	3017	3018	3027	4001	4003	4004	4005	4007	4008	4009	5000	5023	6003	6011	6019	6031	8024
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

GROUP V extra charge acc. to the extra charge table

1003	1004	1005	1006	1017	1019	1023	1024	1028	1033	1034	2001	2002	2003	2008	2009	2010	2012	3001	3020	3022	3028	3031	6037
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

* colours available after consultation with Sales Department

Actual colours may vary from those shown in the offer. Permissible difference in shade of leaves, frames and wooden glazing bars.

OTHER CATALOGUES



FAST DELIVERY 2021

Here you will find an offer of doors and frames available with short-term delivery.



BETTER INTERIOR CATALOGUE

This is where you will find an offer of interior doors, door frames and handles.

POLAND

Warsaw

Lublin



BUSINESS PARTNER

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