

Door leaf

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Door leaf

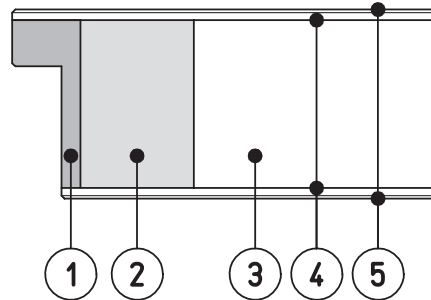
Basics

Technical terms

The minimum requirements for rebated and unrebated doors for internal spaces are defined by DIN 68706.

An interior door according to DIN 68706 is a flat door leaf, which consists mostly of wood or wooden materials.

- ① Batten
- ② Special plywood frame
- ③ Intermediate layer
- ④ Cover plate
- ⑤ Top layer



Exceptions are door constructions for special requirements, e.g. Fire- and Smoke-Protection Doors. The door leaf configurations and constructions of Schörghuber Special Doors are determined by the requirements and functions.

Schörghuber Special Doors do not only fulfil the minimum requirements of DIN 68706, but exceed them to meet today's requirement profiles. 1-leaf as well as 2-leaf doors meet the high quality standards which are required due to the usage in heavy-duty and highly frequented areas.

Schörghuber Special Doors distinguish from the usual doors in the market by the following, trend-setting details:

Climate category II and stress group S

Due to an especially buckling resistant frame material made of special plywood, all Schörghuber doors by default meet at least the climate category II and the stress group S requirements (except solid wood framed doors).

Door leaf thickness 42 mm

With the Type 1 N Schörghuber features a heavy-duty door construction for dimensions up to BR 1250 mm x 2250 mm as complete door set or as heavy-duty door leaves for steel frames provided by the customer.

Door leaf thickness 50 mm / 70 mm

Due to the door leaf thickness of 50 mm respectively 70 mm the behaviour of the door leaf in areas with changing climate, the mechanical stress resistance and the Sound-Insulation capacity are noticeably improved.

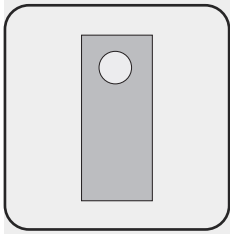
Optimised rebate depths

A rebate depth of at least 35 mm respectively 52 mm for rebated 50 mm respectively 70 mm thick doors allows a better lock position compared to a norm rebate depth. The outcome of this is a higher mechanical and technical stress resistance and operational reliability, especially for the sensitive lock area.

Please note that only the concerted and approved set of door leaf, frame and fittings enables the door set to fulfil the following functions:

- Fire-Protection
- Smoke-Protection
- Sound-Insulation
- Burglar-Protection
- Radiation-Protection
- Bullet-Resistant
- Wet Room Qualities
- Heavy-duty

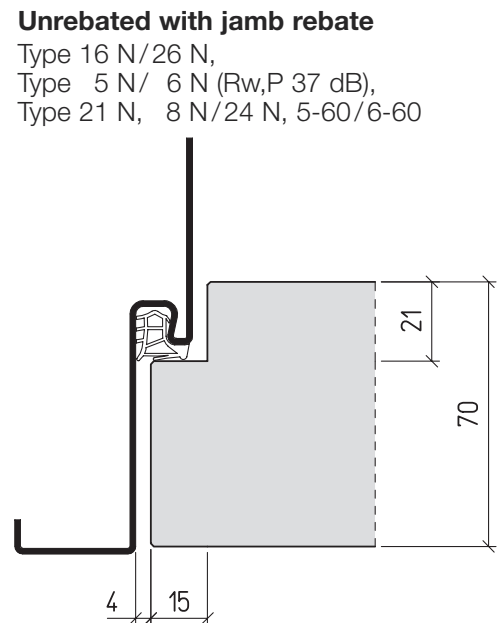
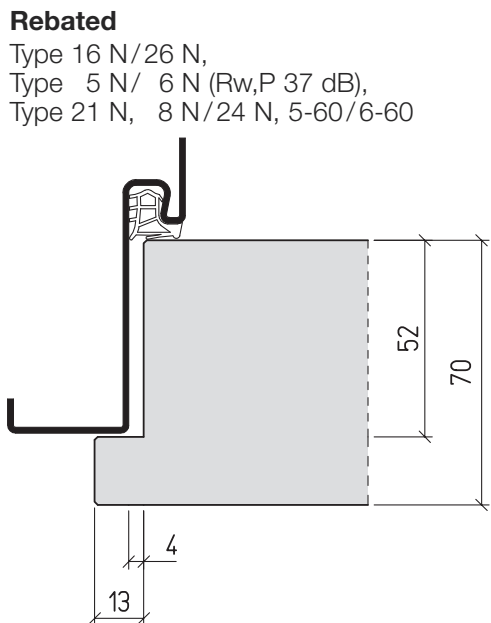
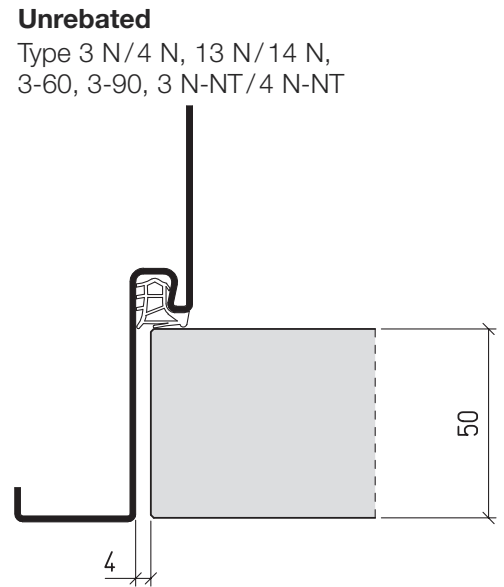
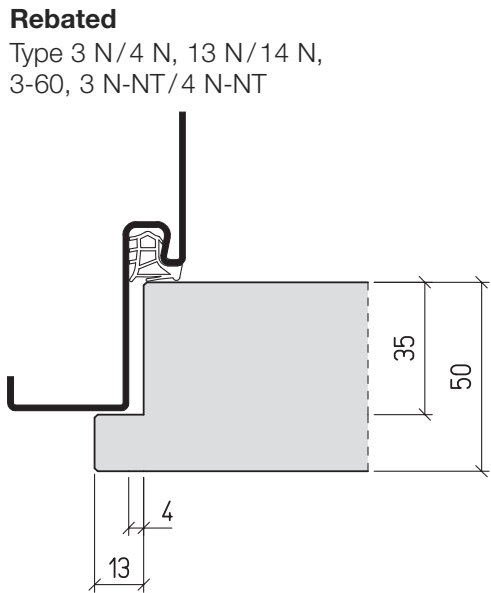
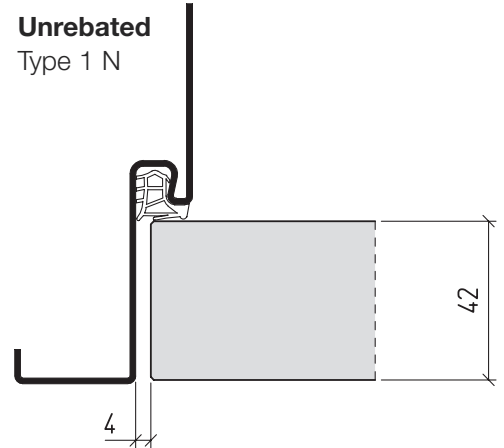
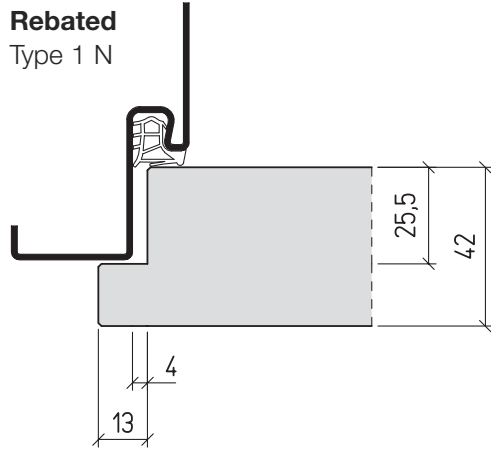
The modular design of Schörghuber Special Doors is trend-setting for the state of the art technology.

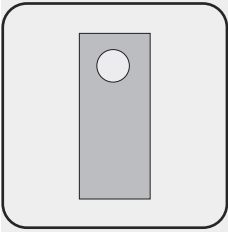


Door leaf

Edge geometries

Configurations





Door leaf

Edge geometries

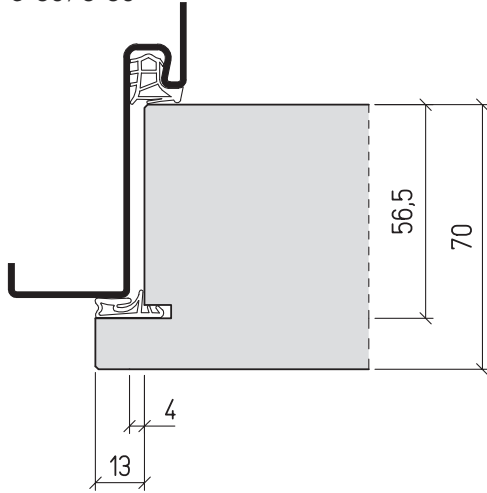
Configurations

6.2

Wooden special doors

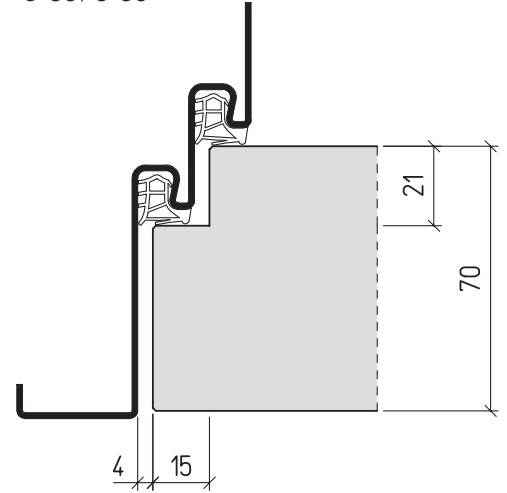
Rebated

Type 5 N/6 N (Rw,P 42 / 45 dB)
5-60/6-60



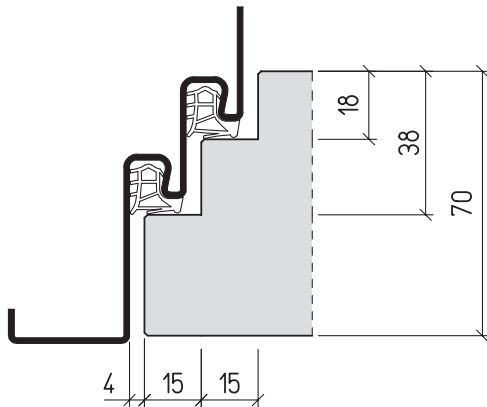
Unrebated with jamb rebate

Type 5 N/6 N (Rw,P 42 / 45 dB)
5-60/6-60



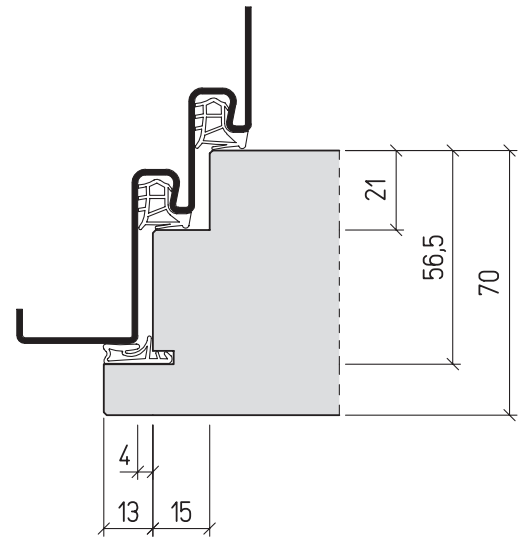
Unrebated with double jamb rebate

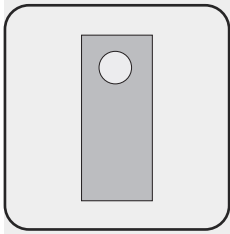
Type 16 N / 26 N
Type 5 N / 6 N (Rw,P 37 / 42 / 45 dB)



Rebated with jamb rebate

Type 17 N (Rw,P 48 dB)



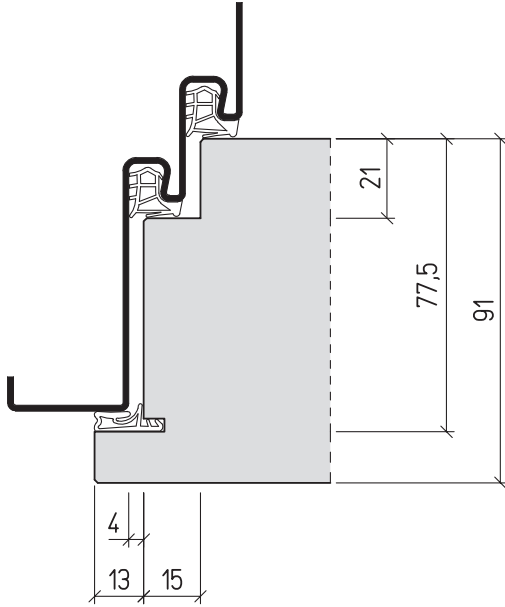


Door leaf

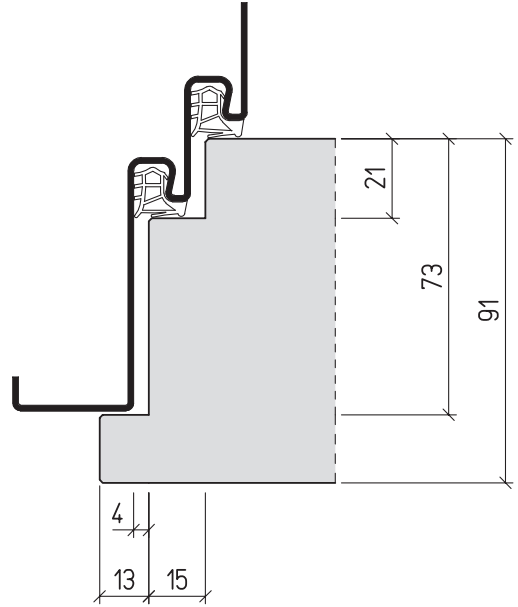
Edge geometries

Configurations

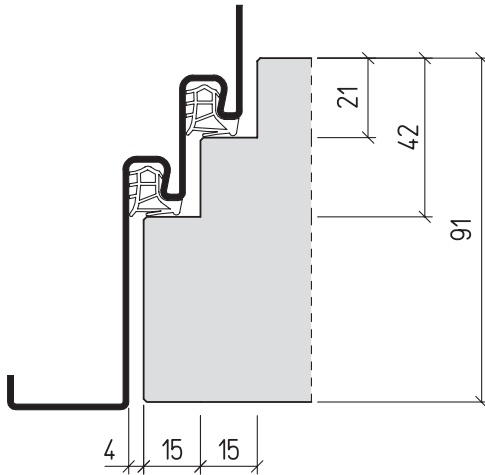
Rebated with jamb rebate
Type 50-1/ 50-2 (Rw,P 50 dB)



Rebated with jamb rebate
Type 80-1 / 80-2 (Rw,P 42 dB)



Unrebated with double jamb rebate
Type 80 N (Rw,P 42 dB)



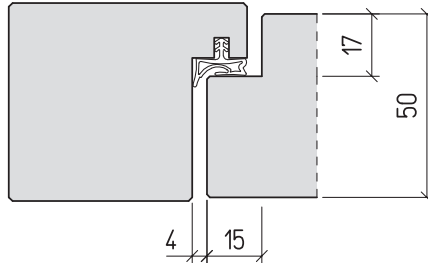
Door leaf

Edge geometries

Configurations

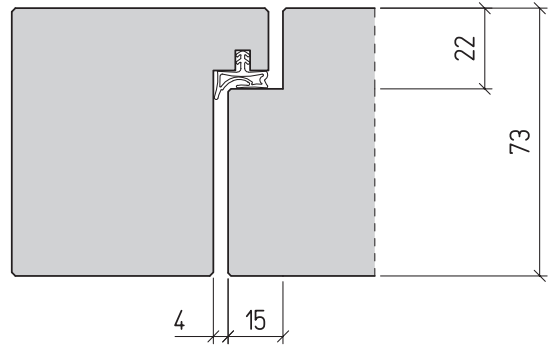
Unrebated with jamb rebate

Type 3 N/4 N, 13 N/14 N



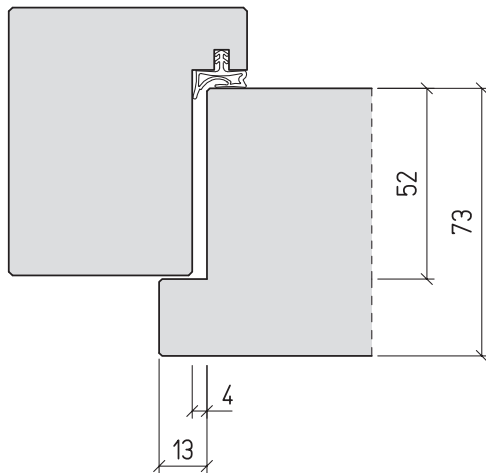
Unrebated with jamb rebate

Type 25 N/27 N (solid wood programme)



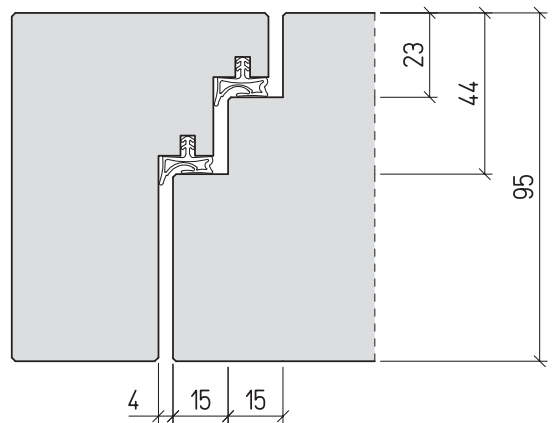
Rebated

Type 25 N/27 N (solid wood programme)



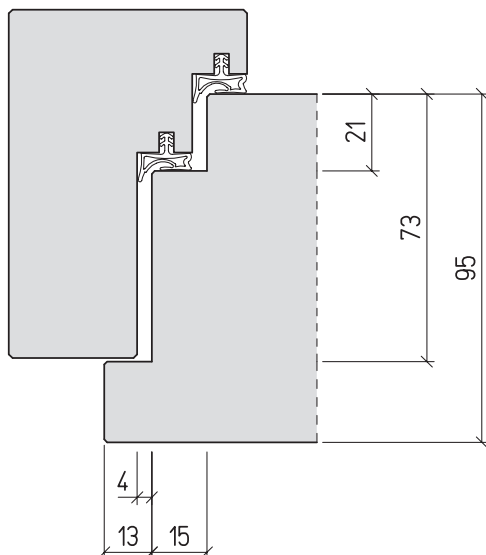
Unrebated with jamb rebate

Type 25 N/27 N (solid wood programme)



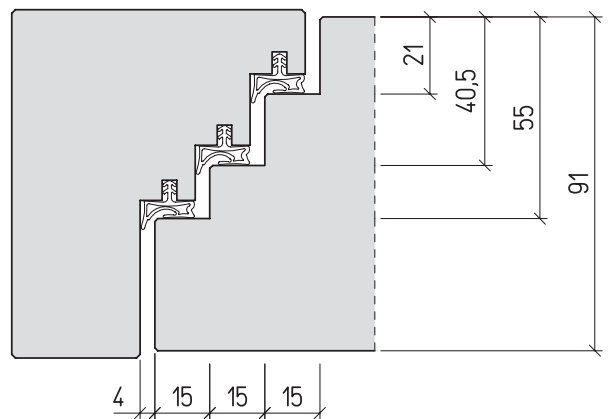
Rebated with jamb rebate

Type 25 N/27 N (solid wood programme)

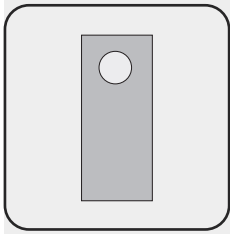


Unrebated with triple jamb rebate

Type 50-1/50-2



Wooden special doors

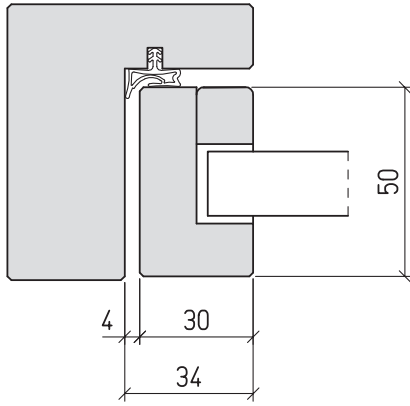


Door leaf

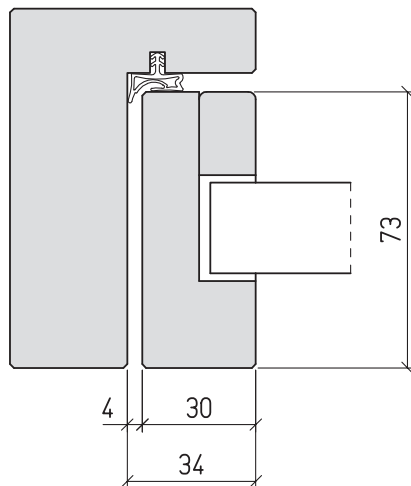
Edge geometries

Configurations

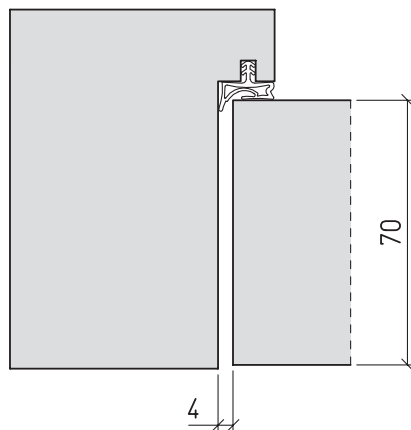
Unrebated
Type 25 N Slimline

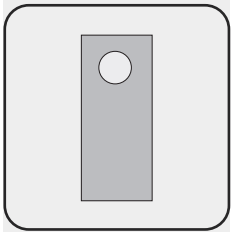


Unrebated
Type 27 N Slimline



Unrebated
Type 120-1





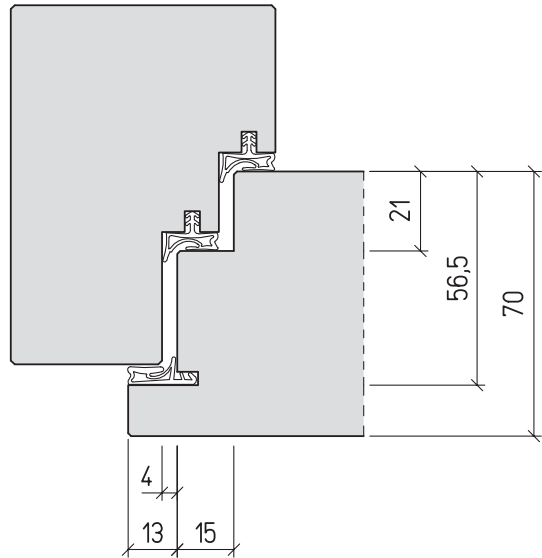
Door leaf

Edge geometries

Configurations

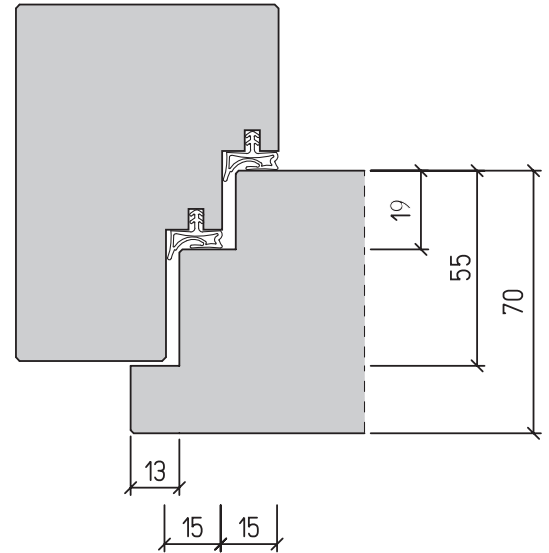
Rebated with jamb rebate

Type 17 N (Rw,P 48 dB)
Type 35 N (Rw,P 42 dB)



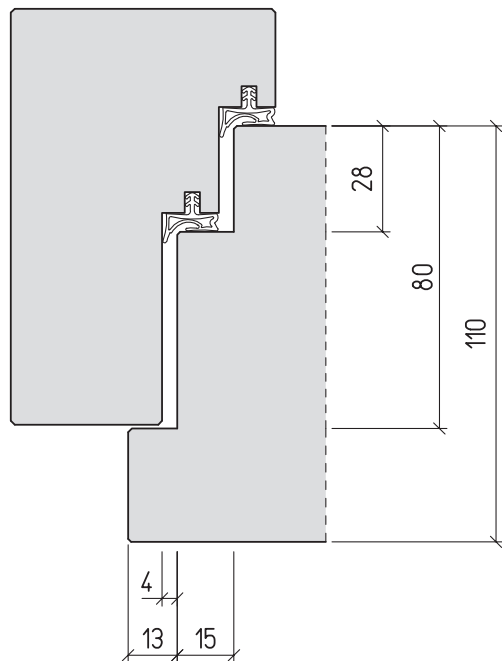
Rebated with jamb rebate

Type 16 N / 26 N
Type 5 N / 6 N (Rw,P 37 / 42 / 45 dB)



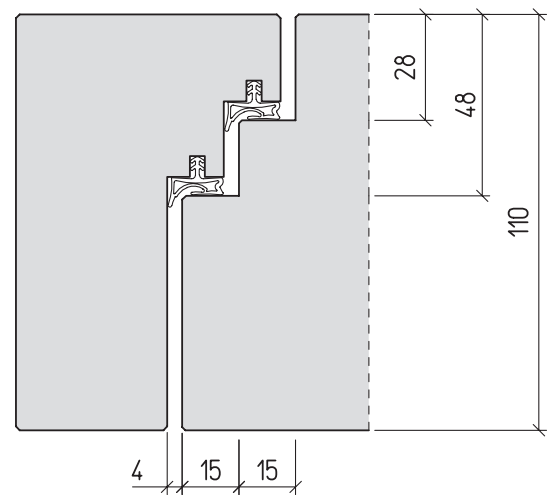
Rebated with jamb rebate

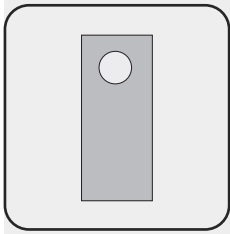
Type 10 N / 20 N



Unrebated with double jamb rebate

Type 10 N / 20 N,
Type 91 N / 92 N (solid wood programme)





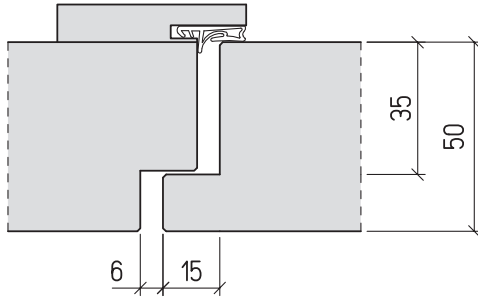
Door leaf

Edge geometries

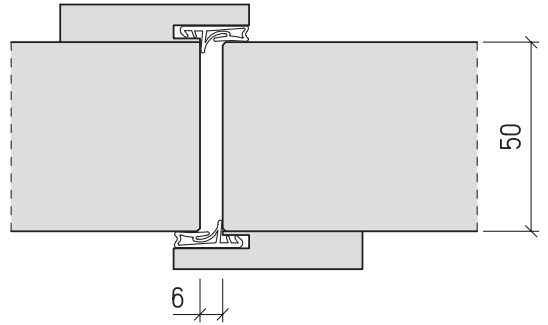
Intermediate joint

Intermediate joint for 2-leaf doors

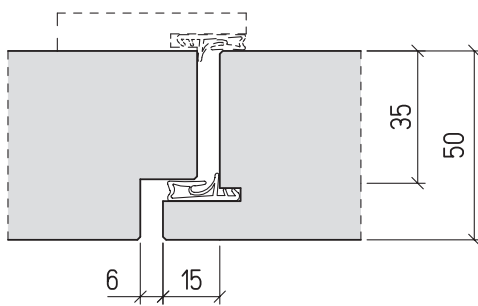
Type 4 N, 14 N



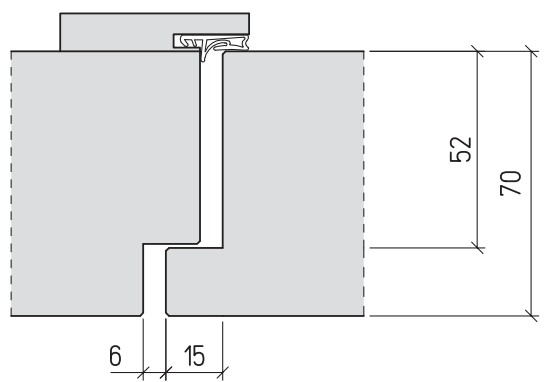
Type 4-60



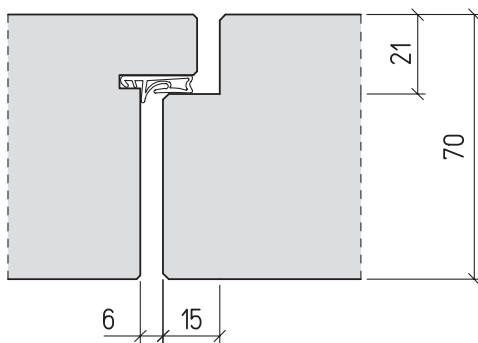
Type 4 N-NT



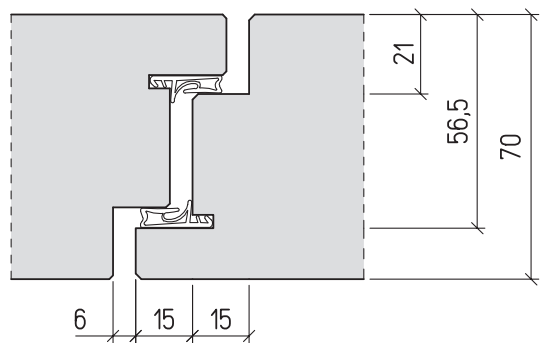
Type 24 N, 6-60



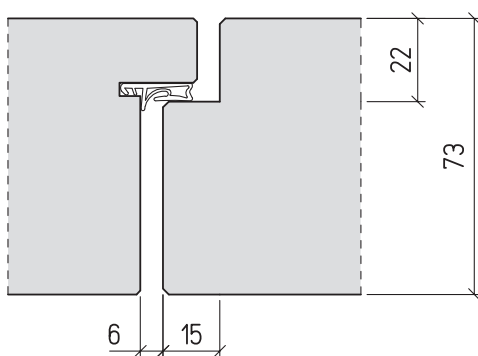
Type 26 N, 6 N (Rw,P 37 dB)



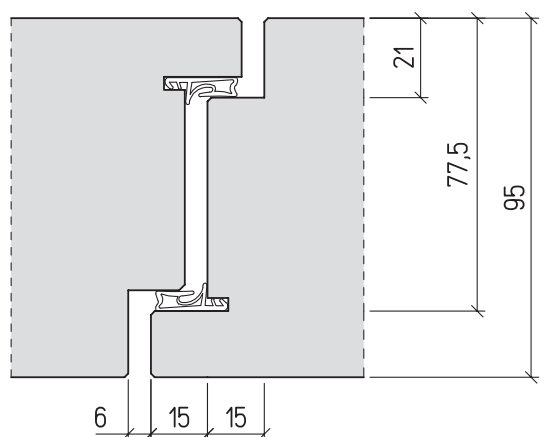
Type 6 N (Rw,P 42 / 45 dB)



Type 27 N, 27 N Slimline



Type 27 N



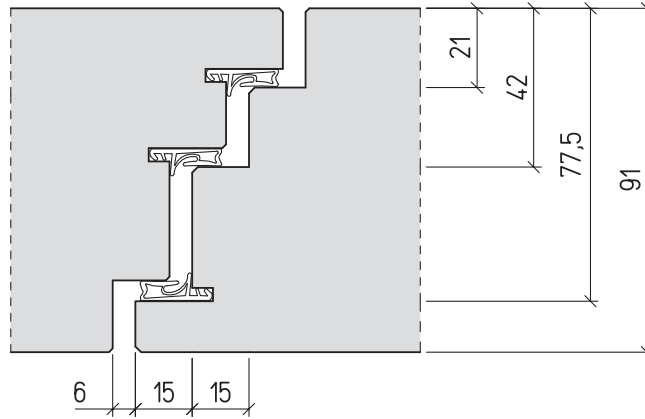
Door leaf

Edge geometries

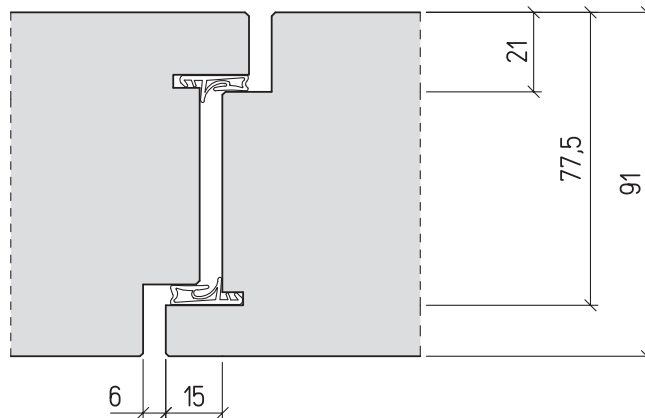
Intermediate joint

Intermediate joint for 2-leaf doors

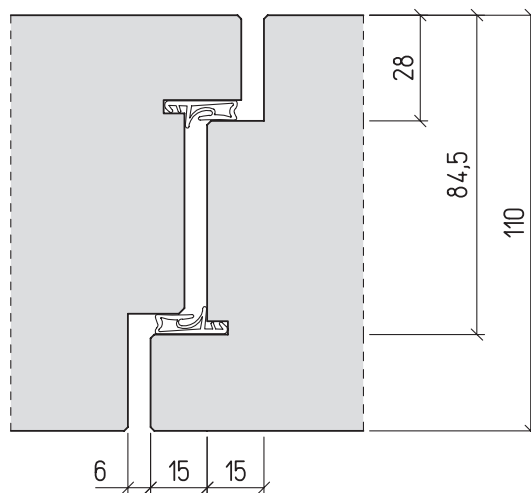
Type 50-2



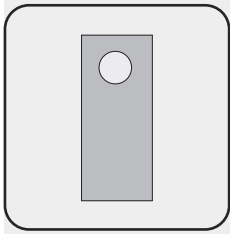
Type 80-2



Type 20 N, 92 N



Wooden special doors



Door leaf

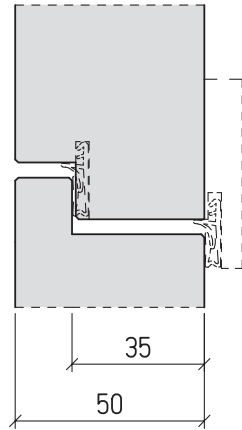
Edge geometries

Top panel joint

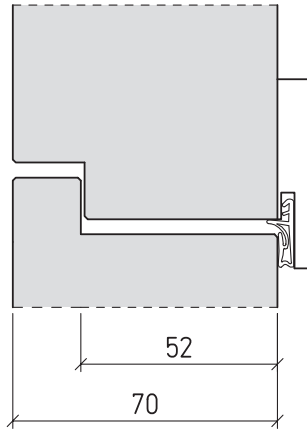
Wooden special doors

Top panel for 1- and 2-leaf doors

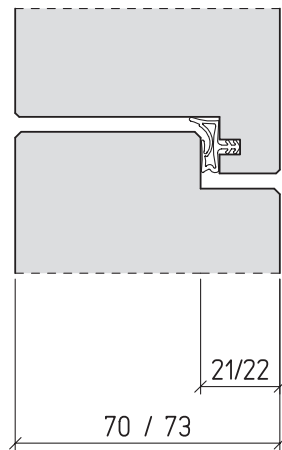
Type 3 N/4 N, 13 N/14 N



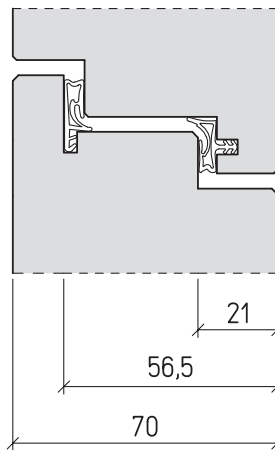
Type 8 N/24 N



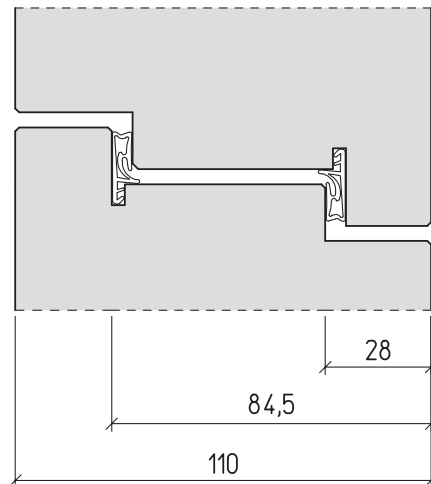
Type 16 N/26 N, 25 N/27 N
Type 5 N/ 6 N (Rw,P 37 dB)



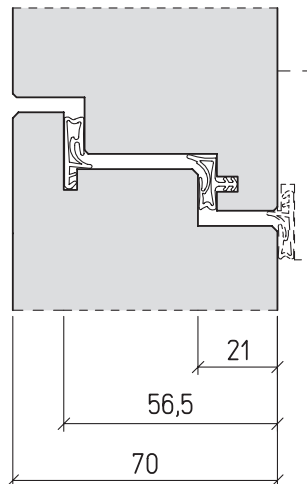
Type 5 N/6 N (Rw,P 42 dB)



Type 10 N/20 N



Type 17 N



For a door leaf thickness of 50 mm: 2-leaf doors are generally equipped with a rabbet ledge

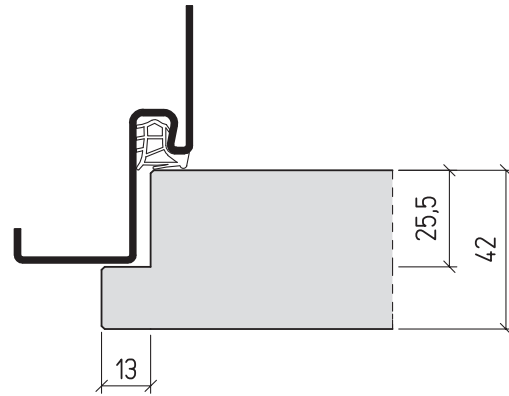
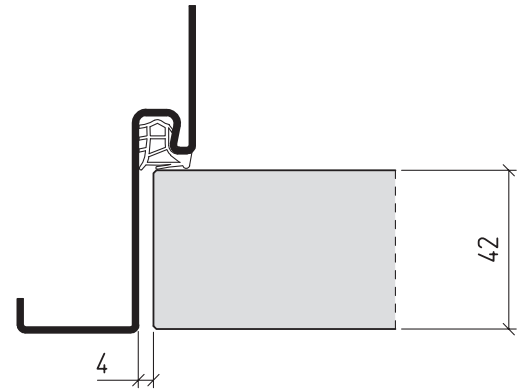
Door leaf

Edge geometries

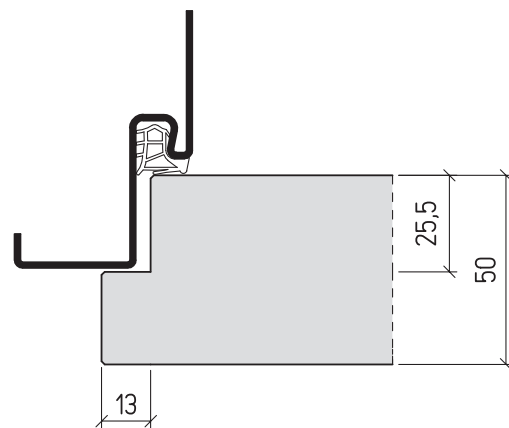
Frames provided by customer

Standard rebate

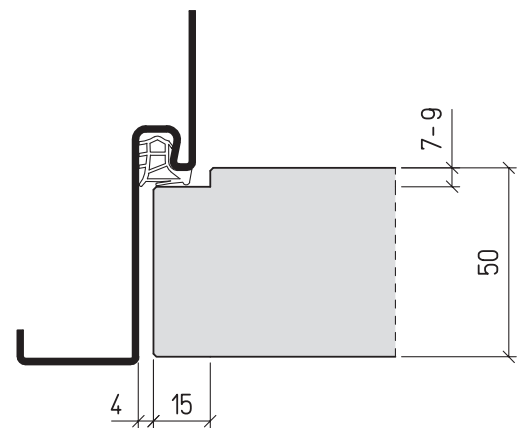
13 x 25,5 mm

**Unrebated****Standard rebate**

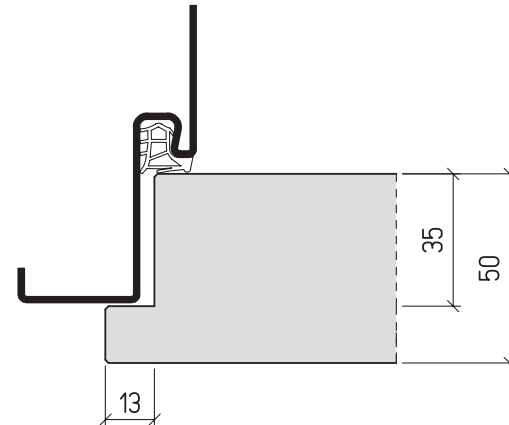
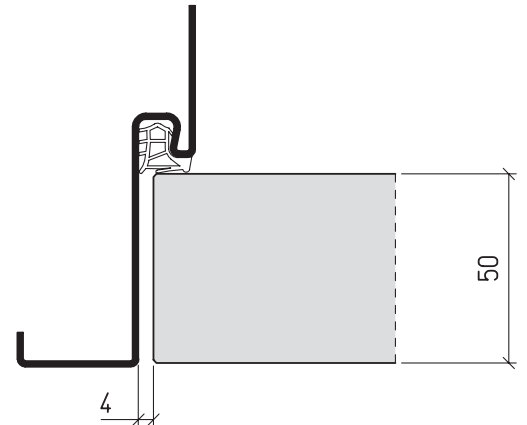
13 x 25,5 mm

**Unrebated**

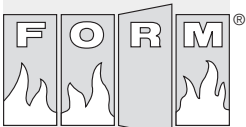
15 x 8 mm

**Schörghuber standard, rebated**

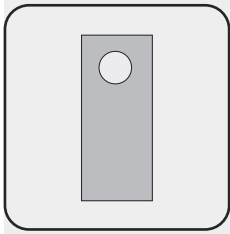
13 x 35 mm

**Schörghuber standard, unrebated**

Wooden special doors



Schörghuber



Door leaf

6.3

Edge configuration

Performance overview

Edge configuration	Door function																		
	T 30	T 60	T 90	T 120	RS	SD 32	SD 37	SD 42	SD 45	SD 48	SD 50	WK 2	WK 3	WK 4	PB	DT	NT	VT	
Batten (3 sides)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Concealed edge band (2 sides)	○	○	○	○	○	○	○	○	○	○	○	○	○	○					○
Edge band	○	○	○		○	○						○	○						○
Solid wood edge band					○	○						○	○						○
Veneered edge	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○		○
Plastic material edge	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		○
Polyurethane edge	○		○		○	○	○	○	○	○		○	○					○	○
Concealed plastic material edge band																		●	○

● Standard ○ On request

- T 30** = T 30 Fire-Protection
- T 60** = T 60 Fire-Protection
- T 90** = T 90 Fire-Protection
- T 120** = T 120 Fire-Protection
- RS** = Smoke-Protection
- SD 32** = Sound-Insulation $R_{w,P}$ 32 dB
- SD 37** = Sound-Insulation $R_{w,P}$ 37 dB
- SD 42** = Sound-Insulation $R_{w,P}$ 42 dB
- SD 45** = Sound-Insulation $R_{w,P}$ 45 dB

- SD 48** = Sound-Insulation $R_{w,P}$ 48 dB
- SD 50** = Sound-Insulation $R_{w,P}$ 50 dB
- WK 2** = Burglar-Protection WK 2
- WK 3** = Burglar-Protection WK 3
- WK 4** = Burglar-Protection WK 4
- PB** = Radiation-Protection
- DT** = Bullet-Resistant M 3
- NT** = Wet Room
- VT** = Solid core

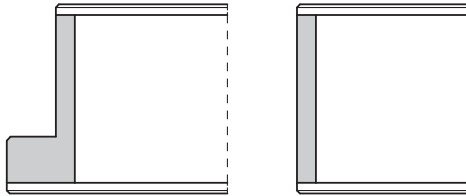
Wooden special doors



Door leaf

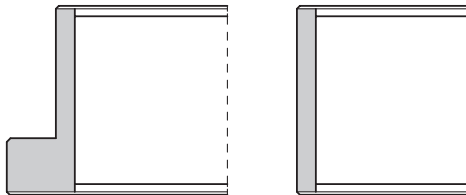
Edge configuration

Batten and edge band

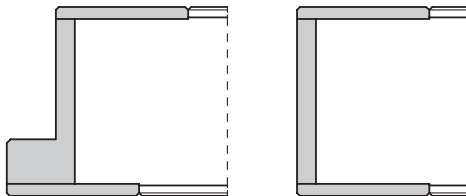
Rebated edge configuration**Unrebated edge configuration****Batten**

Solid wood edge concealed by a cover plate. The cover plate (HDF) is visible underneath the veneer and can only be covered with veneer, foil or a RAL-coating.

By default battens are made of solid wood (white or red wood). On request a configuration in beech, ash, hemlock, oak, maple, alder and other wood types (on request) is possible.

Concealed solid wood edge band

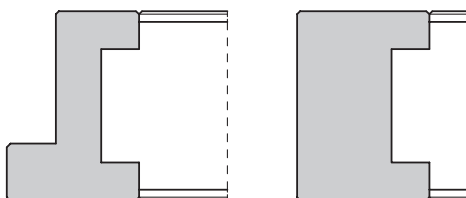
The concealed solid wood edge band is only covered by the top layer. Veneer or HPL are directly bonded to the solid wood edge band. Concealed edge bands are attached on two sides (longitudinal edges). A configuration in beech, ash, hemlock, oak, maple, alder and other wood types (on request) is possible as well.

**Visible solid wood edge band
Design Schörghuber**

By using a visible edge band, the edge is highlighted in contrast to the door leaf surface. Top layer and edge band are separated by a V-joint.

Visible edge bands can be attached on either two, three or circumferential on four sides.

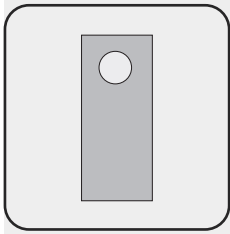
The width is by default 35 mm, up to a maximum of 100 mm.

Visible solid wood edge band

By using a visible solid wood edge band, the edge is highlighted in contrast to the door leaf surface. Top layer and edge band are separated by a V-joint.

Visible edge bands can be attached on either two, three or circumferential on four sides.

The width is by default 35 mm, up to a maximum of 60 mm.



Door leaf

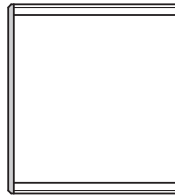
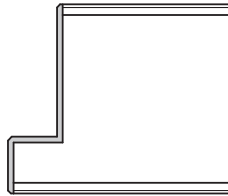
Edge configuration

Veneered or plastic material edge or plastic material edge band

Rebated edge configuration

Unrebated edge configuration

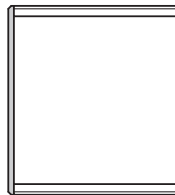
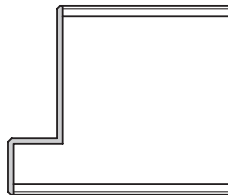
Veneered edge



Veneered edges can be used for all doors with special function (except Wet Room Doors).

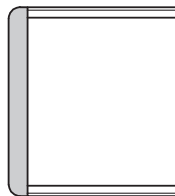
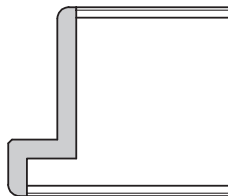
The following veneer types are in the standard available capacity: oak, ash, maple, spruce, beech, sapeli, macore, pine and limba.

Plastic material edge



Plastic material edges are by default manufactured in either white or light grey. If at least 100 doors are ordered the plastic material edge can be manufactured matching the door surface. For lower quantities the plastic material edge can on request be RAL-coated matching the surface.

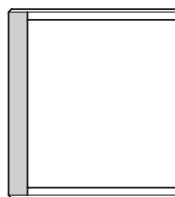
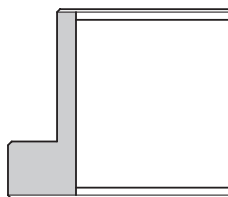
Polyurethane edge



The polyurethane edge (PU) is a 3-sided, liquid edge band, which is cast on the door leaf by using the edge casting method. The thickness is approx. 5 mm, towards the surface the edge is topped of with a 3 mm radius on all sides. Polyurethane is a light fast casting resin which can be post-planed. It is available in all RAL colours. Due to its high stress, chemical and splash water resistance it is perfectly suitable for the usage with heavy-duty doors in areas such as hospitals and schools.

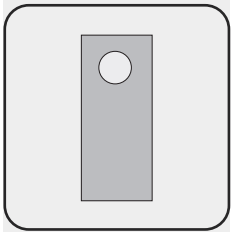
The minimum order quantity is 25 door leaves in matching edge colour.

Concealed plastic material edge band



This edge, in combination with HPL-coating on both sides, is reserved for the usage in damp and wet rooms.

Available are: white, grey and beige.



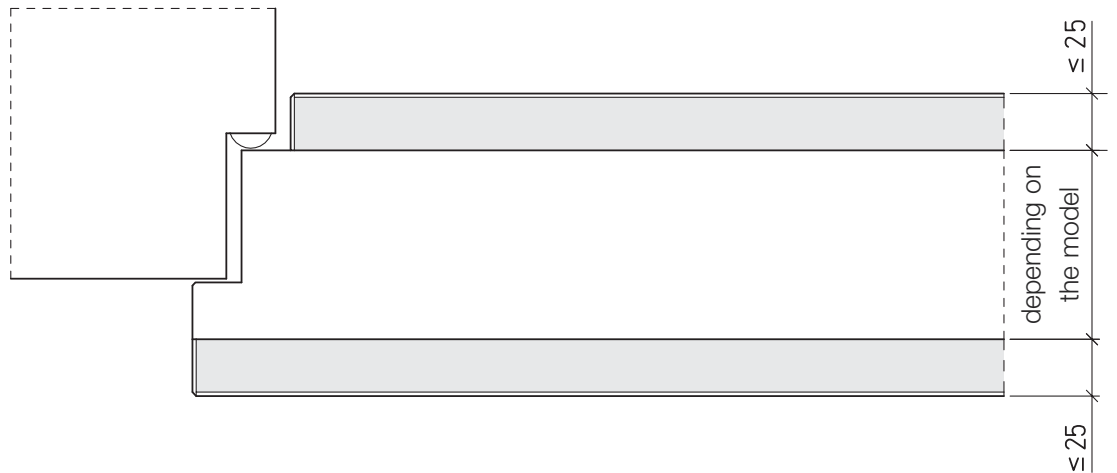
Door leaf

Additional wood panel

Holohedral additional wood panel

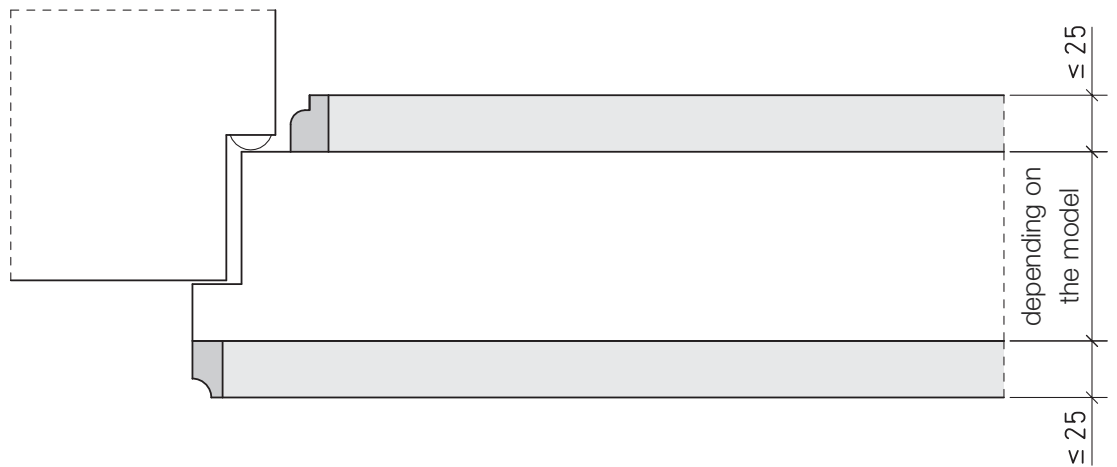
MDF-Additional wood panel (chipboard) on both sides

Additional wood panel with veneered edge
Standard 21 mm



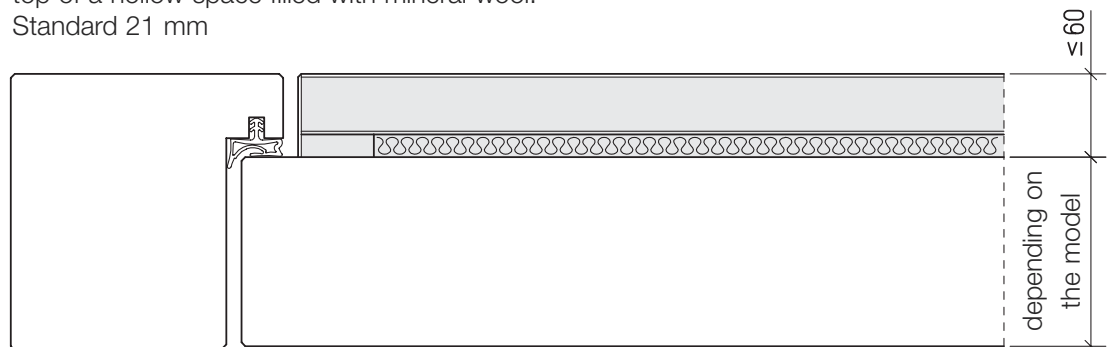
Additional wood panel with solid wood edge

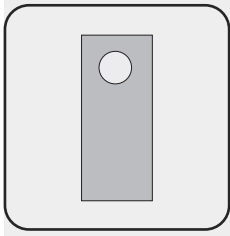
Additional wood panel edge Standard, 21 mm, angular
Alternativ shapes on request (e.g. chamfer or other profile edges as illustrated)



Oversize additional wood panel on one side

Additional wood panel with veneered edge applied on
top of a hollow space filled with mineral wool.
Standard 21 mm





Door leaf

6.4

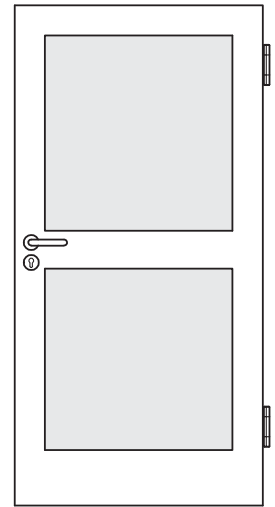
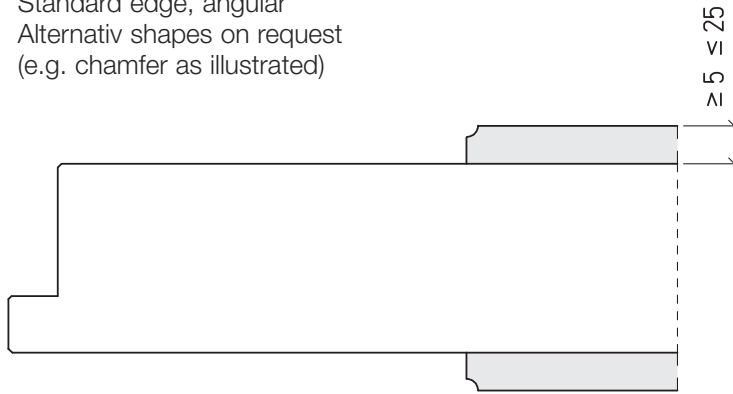
Additional wood panel

Frame-like and fielded additional wood panel

Wooden special doors

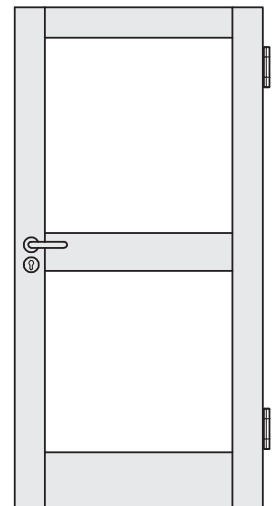
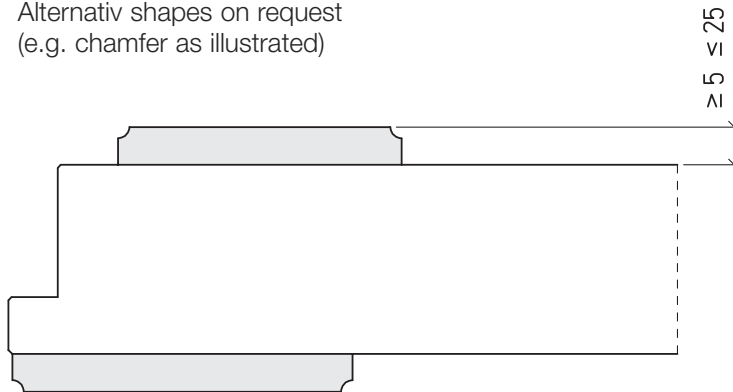
Fielded additional wood panel

Standard edge, angular
Alternativ shapes on request
(e.g. chamfer as illustrated)



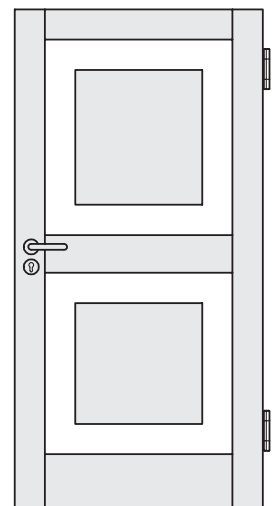
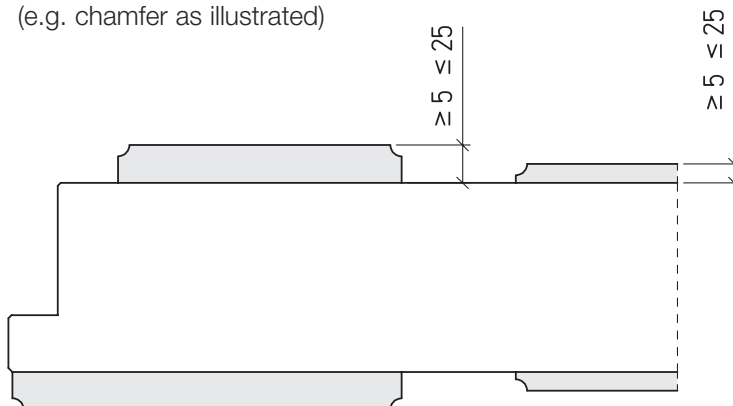
Frame-like additional wood panel

Standard edge, angular
Alternativ shapes on request
(e.g. chamfer as illustrated)



Frame-like and fielded additional wood panel

Standard edge, angular
Alternativ shapes on request
(e.g. chamfer as illustrated)



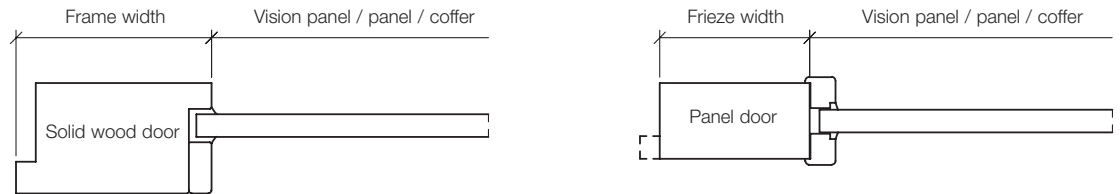
Door leaf

Minimum frieze widths

Overview

In general

At Schörghuber minimum frieze widths are measured from the rebate side (except vision panels according to DIN 68706).



Model relevant minimum frieze / minimum frame widths

Fire- and Smoke-Protection Doors			
Type	Top and side frieze	Bottom frieze	Intermediate frieze
1 N	120 mm	220 mm	60 mm
3 N / 4 N (-NT)	90 / 120 mm	120 mm	60 mm
16 N / 26 N ^{1) 4)}	120 mm	120 mm	60 mm
5 N / 6 N ⁴⁾	120 mm	120 mm	60 mm
35 N ⁴⁾	160 mm	300 mm	60 mm
10 N / 20 N	200 mm	300 mm	60 mm
25 N / 27 N ²⁾ with middle frieze	75 mm	105 mm	70 mm
25 N / 27 N ²⁾ without middle frieze	105 mm	105 mm	70 mm
21 N	200 mm	400 mm	–
8 N / 24 N ^{3) 1)}	90 mm	120 mm	90 mm
91 N / 92 N	70 mm	70 mm	30 mm
3-60 / 4-60	120 mm	220 mm	60 mm
5-60 / 6-60	120 mm	220 mm	60 mm
25 N / 27 N Slimline	30 mm ⁵⁾	without / 30 mm	–

¹⁾ Top and side frieze 160 mm, bottom 300 mm from door rebate dimension 1273 x 2473 mm

²⁾ Circumferential frieze widths 120 mm from door rebate dimension 1458 x 2972 mm

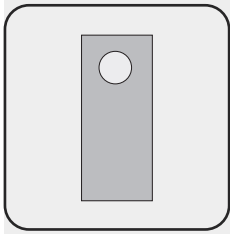
³⁾ Top and side frieze 120 mm, bottom 220 mm from door rebate dimension 1084 x 2223 mm

⁴⁾ For WK 2 / WK 3 top and side frieze 160 mm, bottom 300 mm

⁵⁾ For model 27 N Slimline, frieze widths on the intermediate edge 75 mm

Note!

Minimum frieze width is 240 mm for lever configurations with rectangular or square backplate or flush sports hall lever.



Door leaf

6.5

Minimum frieze widths

Overview

Sound-Insulation-, Radiation-Protection-, Wet Room and Solid Core Doors			
Type	Top and side frieze	Bottom frieze	Intermediate frieze
1 N	90 mm	120 mm	60 mm
3 N / 4 N	90 mm	120 mm	60 mm
13 N / 14 N	90 mm	120 mm	60 mm
16 N / 26 N ⁴⁾	90 mm	120 mm	60 mm
5 N / 6 N ⁴⁾	120 mm	120 mm	60 mm
35 N ⁴⁾	160 mm	300 mm	60 mm
25 N / 27 N ²⁾ with middle frieze	75 mm	75 mm	70 mm
25 N / 27 N ²⁾ without middle frieze	105 mm	105 mm	70 mm
25 N / 27 N Slimline	30 mm ⁵⁾	without / 30 mm	–

²⁾ Circumferential frieze widths 120 mm from door rebate dimension 1458 x 2972 mm

⁴⁾ For WK 2 / WK 3 top and side frieze 160 mm, bottom 300 mm

⁵⁾ For model 27 N Slimline, frieze widths on the intermediate edge 75 mm

Note!

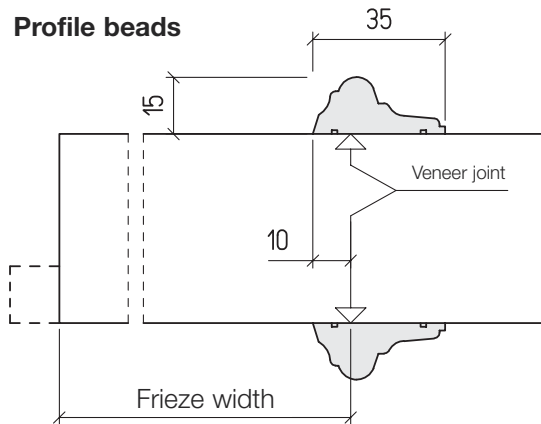
Minimum frieze width is 240mm for lever configurations with rectangular or square bak-plate or flush sports hall lever.

Wooden special doors

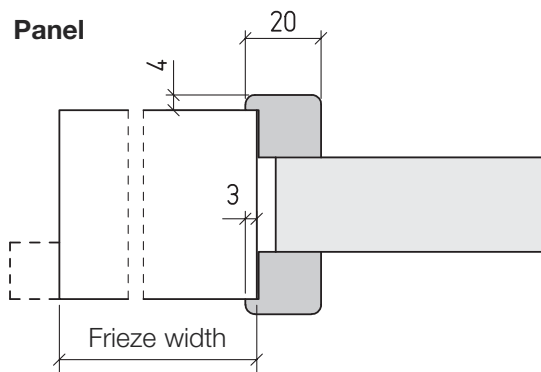
Door leaf

Style doors

Profile beads, panel and coffers

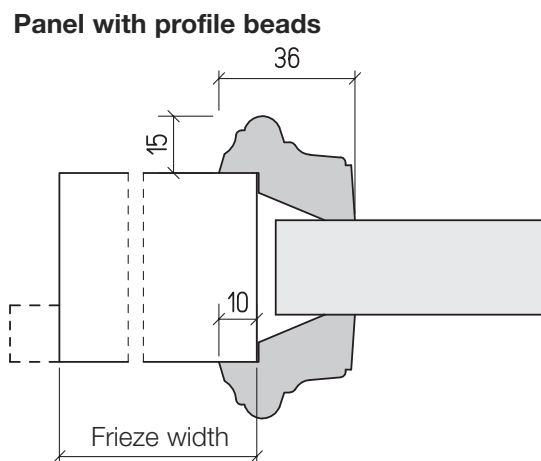


According to the field segmentation the profile beads (standard TS 7) are attached to the door leaf surface. In order to simulate the appearance of a solid wooden door, the veneer on doors with attached profile beads is frame-like structured around the fields. The veneer joint complies with the predetermined frieze width.

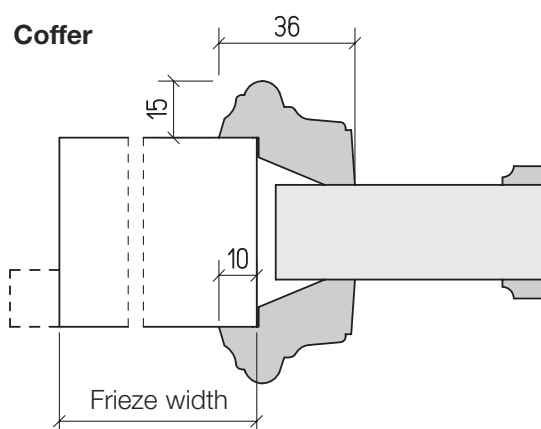


In contrast to a door with attached profile beads, the door leaf is equipped with an actual embedded panel. The panel is either framed with a veneered panel bead or a solid wooden bead.

The panel itself is flush. The thickness of the panel depends on the model and function of the door.

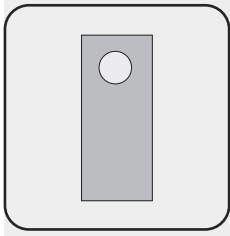


On request a door leaf with panel can be equipped with a profile bead (standard TS 7) instead of a flush panel bead.



The effect of the actual Style Door is enhanced by additional coffers.

The thickness of the coffer depends on the door leaf thickness and the door function. The actual embedded coffers are framed with profile beads (standard TS 7).



Door leaf

6.6

Style doors

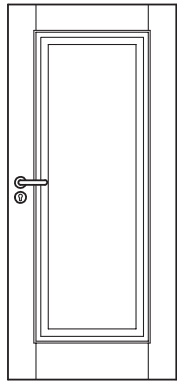
Field segmentations (FA)

The illustrated field segmentations conform with the Schörghuber Standard, the fields can be equipped with either attached profile beads, panels or coffers, combinations with vision panels are available as well.

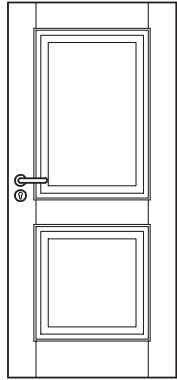
Other field segmentations or dimensions differing from the minimum frieze widths are possible, but depend on the function of the door.

Illustrated are versions for 1-leaf doors, but the configurations are available for 2-leaf doors as well.

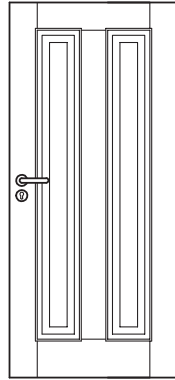
FA 1



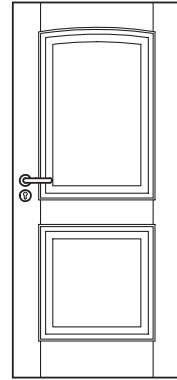
FA 2 A



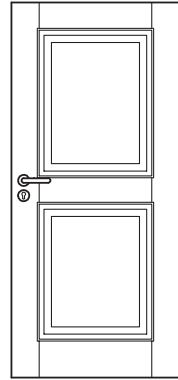
FA 2 B



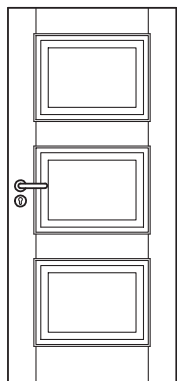
FA 2 C



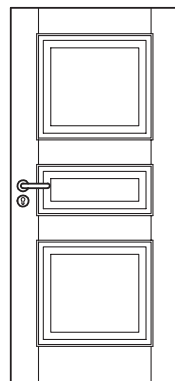
FA 2 D



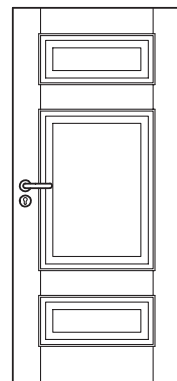
FA 3 A



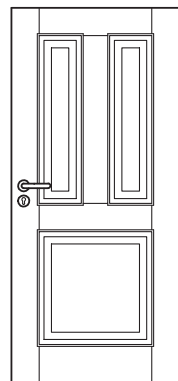
FA 3 B



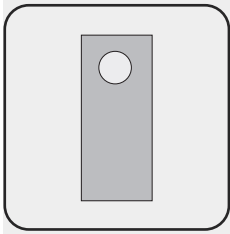
FA 3 C



FA 3 D



Wooden special doors



Door leaf

6.6

Style doors

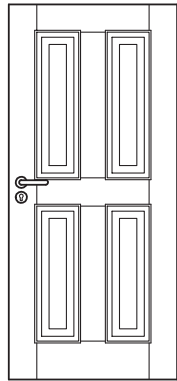
Field segmentations (FA)

The illustrated field segmentations conform with the Schörghuber Standard, the fields can be equipped with either attached profile beads, panels or coffers, combinations with vision panels are available as well.

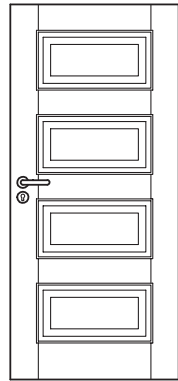
Other field segmentations or dimensions differing from the minimum frieze widths are possible, but depend on the function of the door.

Illustrated are versions for 1-leaf doors, but the configurations are available for 2-leaf doors as well.

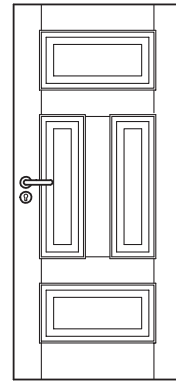
FA 4 A



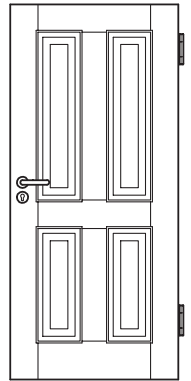
FA 4 B



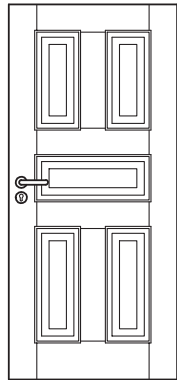
FA 4 C



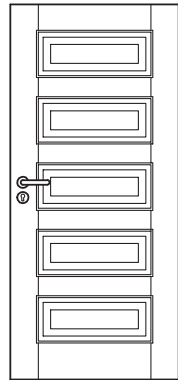
FA 4 D



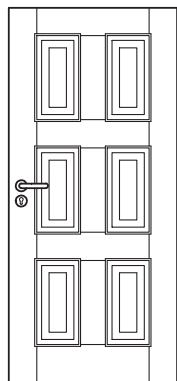
FA 5 A



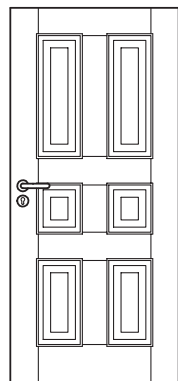
FA 5 B



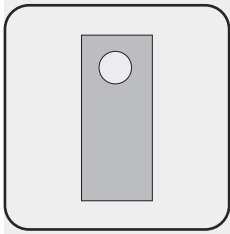
FA 6 A



FA 6 B



Wooden special doors



Door leaf

6.6

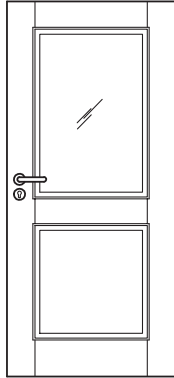
Style doors

In combinationen with vision panel

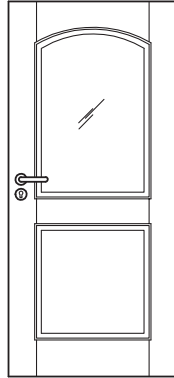
Wooden special doors

Glazing and attached profile bead

FA 2 A



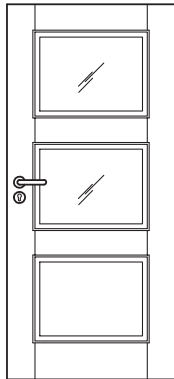
FA 2 C



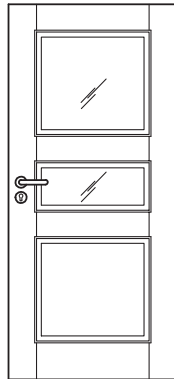
The illustrated configurations are examples, different segmentations or different vision panel shapes are possible as long as they are conform with the minimum frieze widths (depending on model and function).

Glazing and panel

FA 3 A



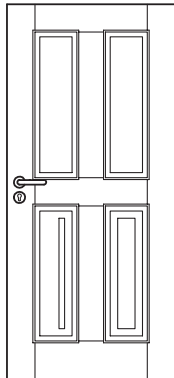
FA 3 B



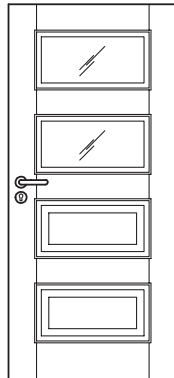
The illustrated configurations are examples, different segmentations or different vision panel shapes are possible as long as they are conform with the minimum frieze widths (depending on model and function).

Glazing and coffer

FA 4 A



FA 4 B



The vision panel shapes as well as the field segmentation are arbitrary, as long as they are conform with the minimum frieze widths (depending on model and function).

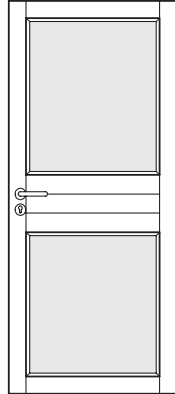
Note!

All configurations are also possible for 2-leaf doors.

Door leaf

Style door

Solid wood framed door

Solid wood framed door

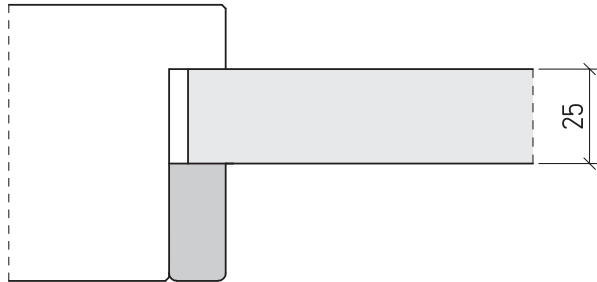
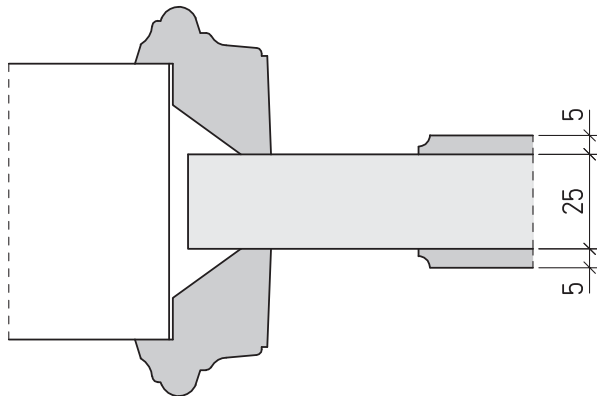
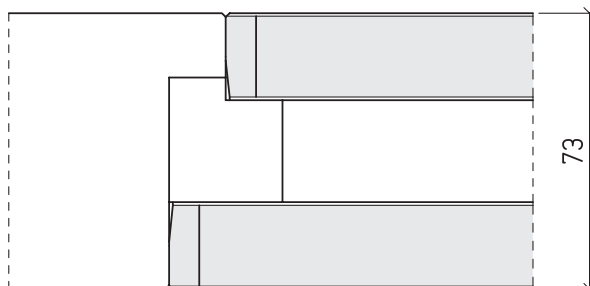
Besides the standard vision panels of solid wood framed doors, the following options can be realised:

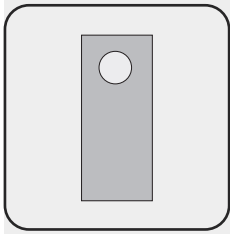
- Panels
- Coffers
- Panels version II

The panel beads for solid wood framed doors are flush with the frame on one side.

For the configuration with coffer the profile panel bead TS 7 is used on both sides.

The panel version II is inserted flush on both pull- and push side.

Panel**Coffer****Panel version II**



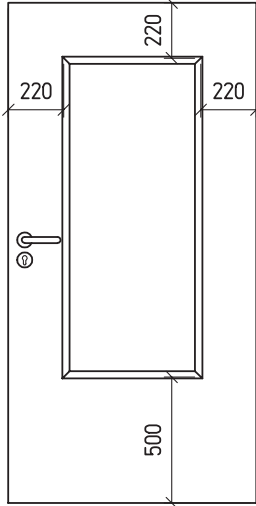
Door leaf

Vision panels (LA)

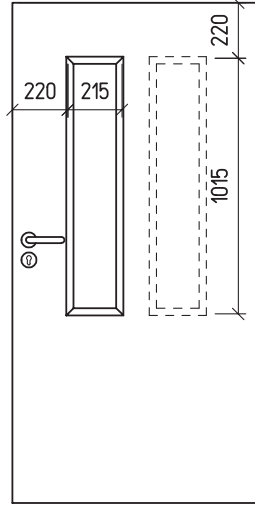
Configurations

Wooden special doors

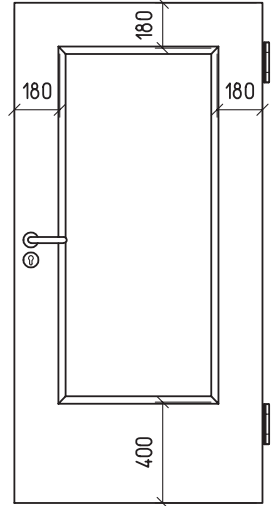
Standard



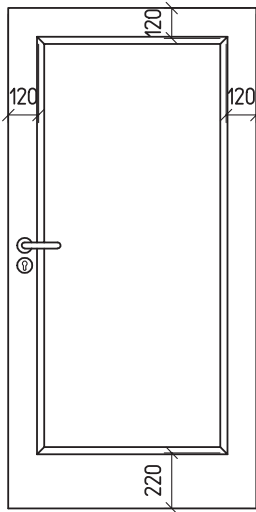
LA 215/1015 mm



LA 180/400

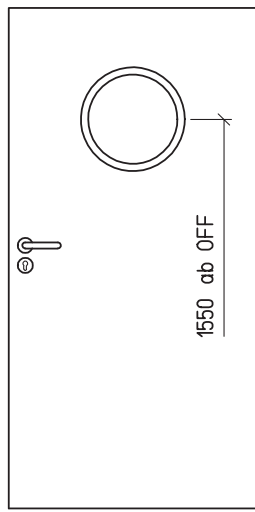


Framed vision panel

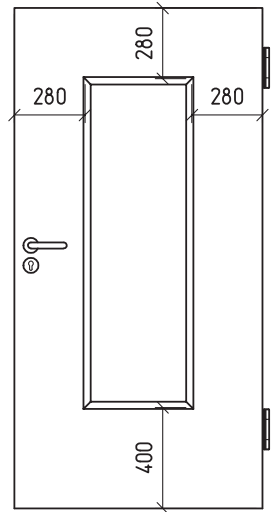


Porthole

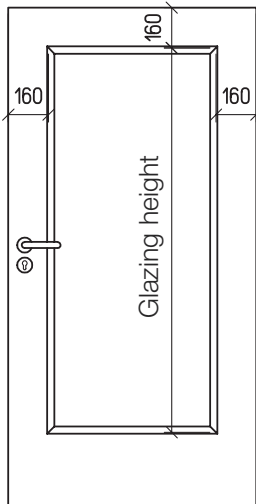
ø 350, 400, 500, 650 mm



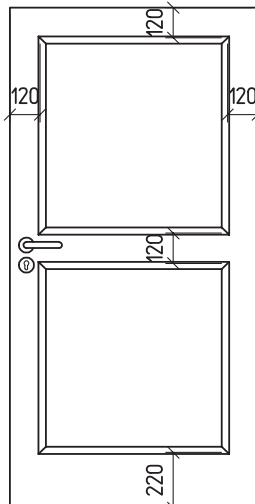
LA 280/400



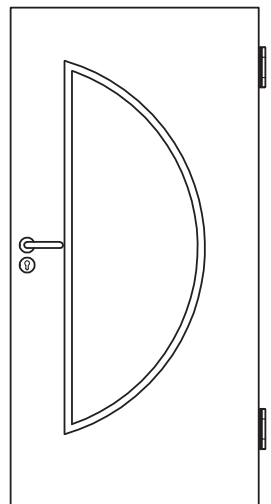
LA DIN 68706



Multiple glazed



Special shape



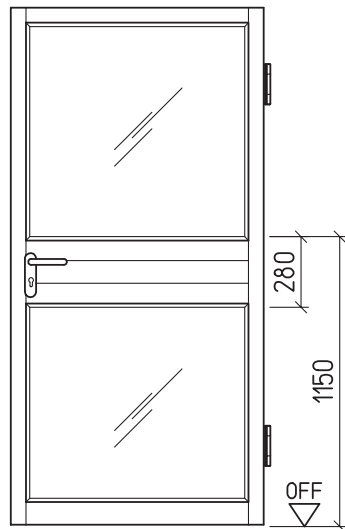
Door leaf

Vision panels (LA)

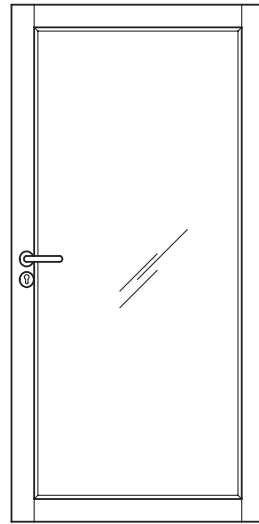
Versions of the solid wood framed door

MT

Standard, with middle frieze

**MT 1**

Without middle frieze

**Minimum frame widths**

- with middle frieze ≥ 280 mm
side/top/bottom 75/75/105 mm

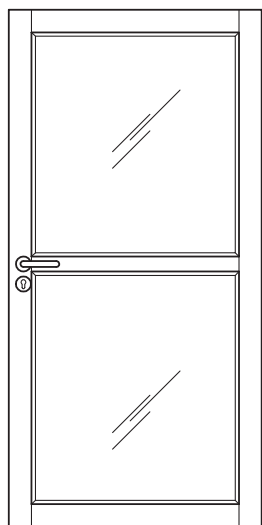
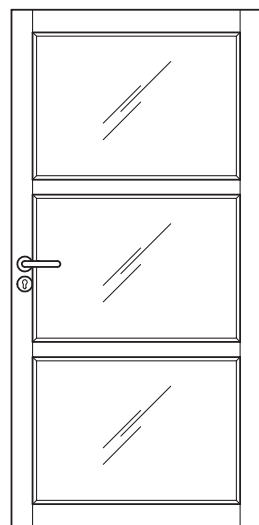
- without middle frieze,
side/top/bottom 105 mm

Frame width circumferential 135 mm
from door rebate dimension 1273 x
2348 mm

- max. frame width 135 mm,
as interlinked frame profile
up to 280 mm

Bottom frieze width

- MT 1, MT 2 and MT 3
Bottom frieze width 195 mm
from door rebate dimension 1080 mm

MT 2**MT 3****Cross bars**

- ≥ 70 mm < 90 mm

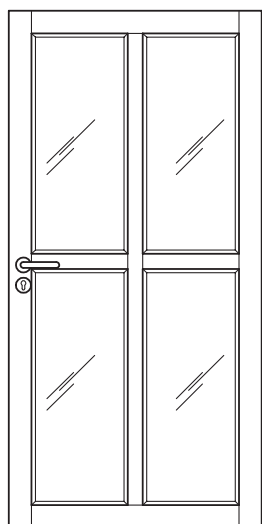
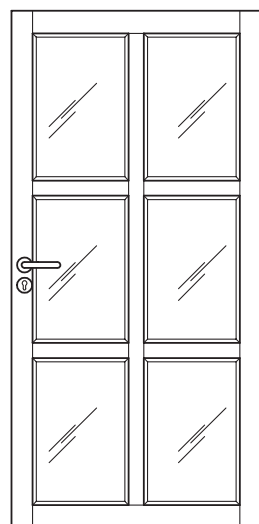
Intermediate frieze

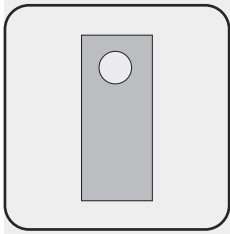
- ≥ 90 mm < 280 mm

Middle frieze

- ≥ 280 mm ≥ 430 mm

Instead of vision panels, the fields
may also be equipped, either
partly or entirely, with panels and/or
coffers.

MT 4**MT 6**



Door leaf

6.7

Vision panels (LA)

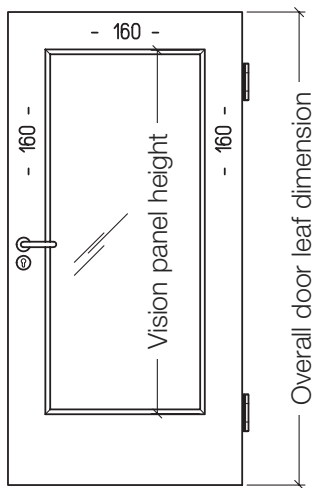
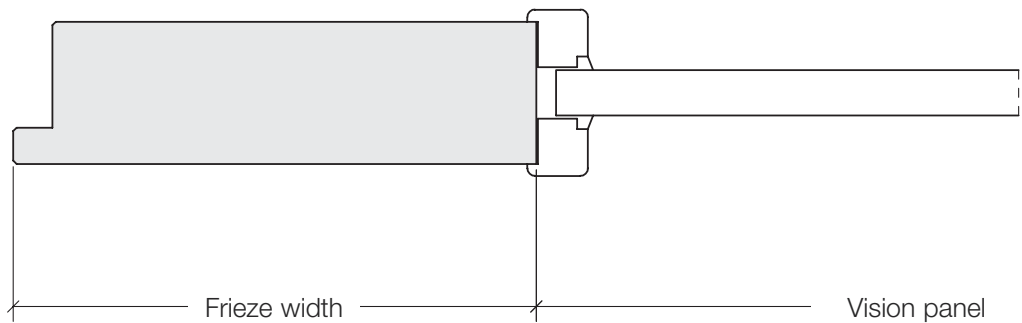
DIN 68706

Vision panel according to DIN 68706

According to DIN 68706, part 1 vision panel heights are standardised depending on the door leaf height.

The top and side friezes are given with 160 mm. For example the vision panel height for a door leaf height of 2110 mm would be 1550 mm. Therefore the bottom frieze width would be 400 mm.

Even though the vision panel height for door leaves with dimensions from 2059 mm up to 2173 mm stay constant, the bottom frieze width vary from 349 mm up to 463 mm. That means, the bottom frieze width is variable for in-between door leaf sizes.



Height of vision panel depending on outer door leaf dimension	Outer door leaf dimension	
	acc. to DIN	also true for
1300 mm	1860 mm	1798 - 1923 mm
1425 mm	1985 mm	1924 - 2058 mm
1550 mm	2110 mm	2059 - 2173 mm
1675 mm	2235 mm	2174 - 2298 mm

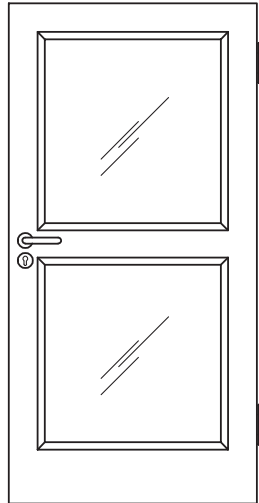
Wooden special doors

Door leaf

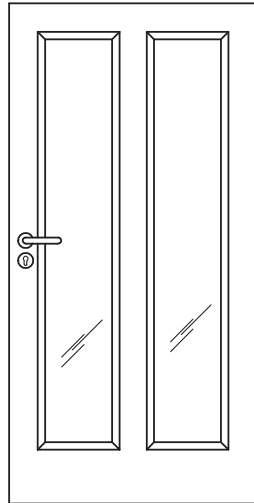
Vision panels (LA)

Versions of the multiple glazed door

LA 2 A



LA 2 B



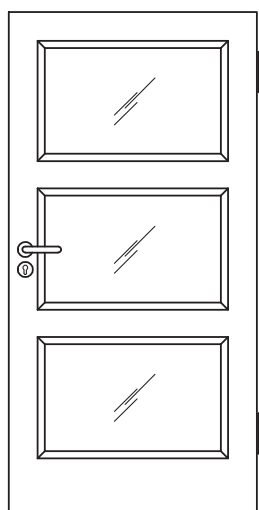
The illustrated multiple glazed doors are examples, different segmentations or different vision panel shapes are possible as long as they conform with the minimum frieze widths (depending on model and function).

There are no verified Sound-Insulation data for multiple glazed doors.

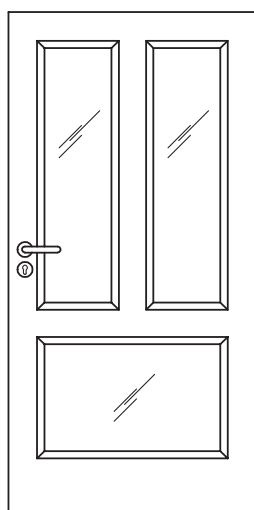
Instead of vision panels, the fields may also be equipped with either panels and/or coffer.

Intermediate friezes are carried out by default with 120 mm width. On request the intermediate frieze widths can be reduced down to 60 mm.

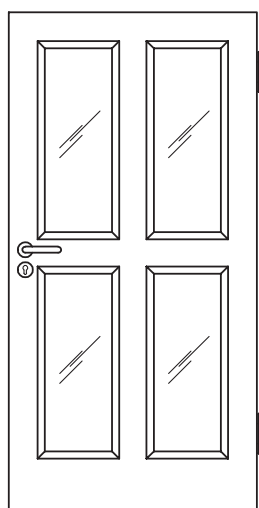
LA 3 A



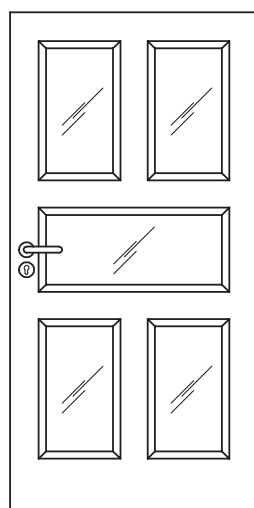
LA 3 B



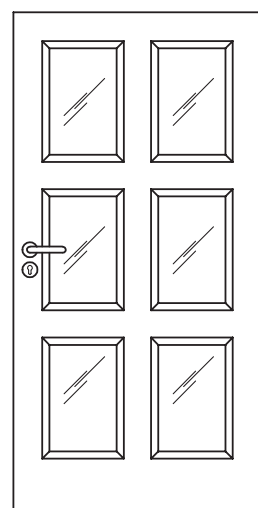
LA 4 A



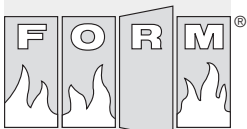
LA 5 A



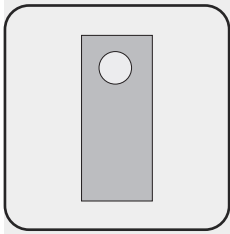
LA 6 A



Wooden special doors



Schörghuber



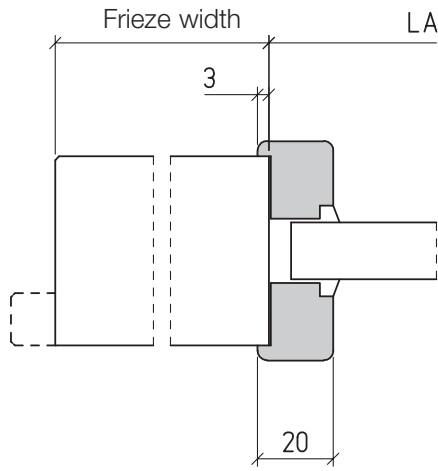
Door leaf

Vision panels (LA)

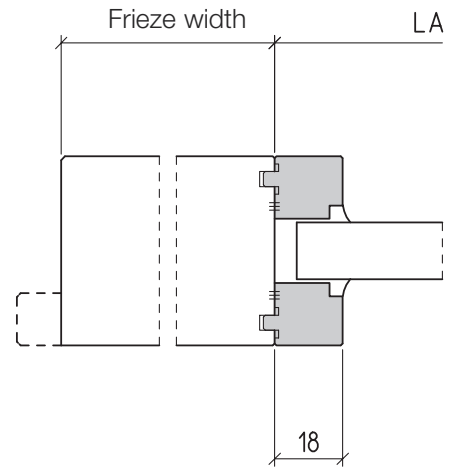
Glazing beads

Wooden special doors

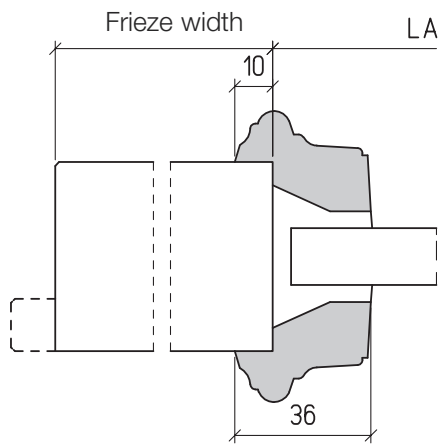
Wooden glazing bead
Standard, veneered



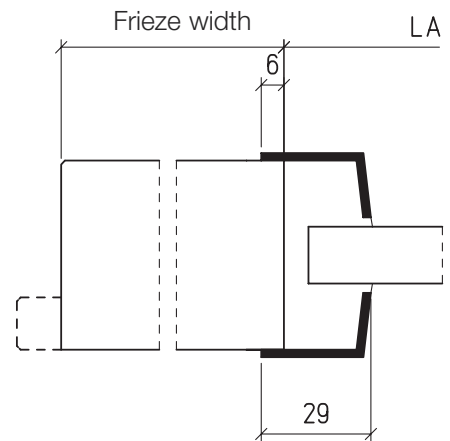
Wooden glazing bead
Unrebated



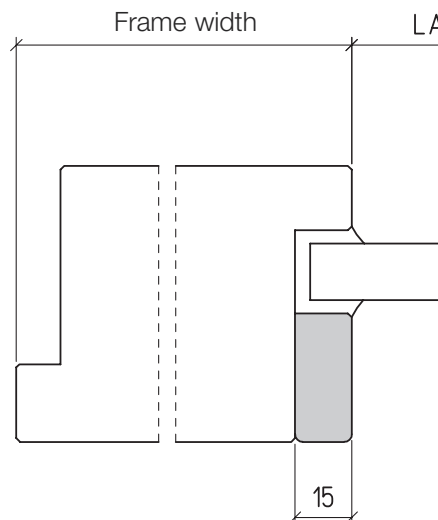
Wooden glazing bead
Profile beads



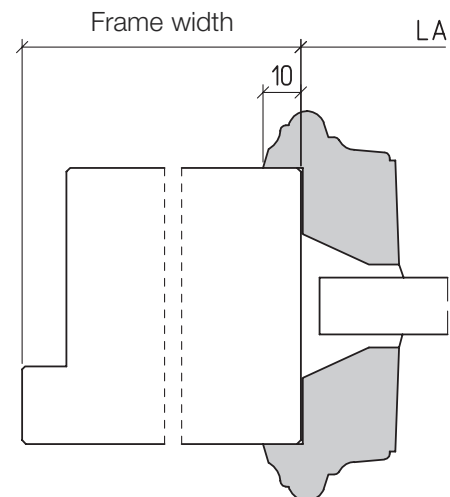
Aluminium glazing bead
Bare aluminium, F 1, F 2 anodised
or stainless steel configuration, standard for porthole

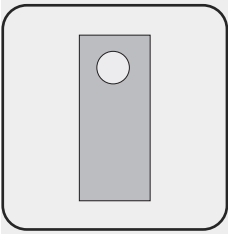


Wooden glazing bead
Unrebated
Standard for the solid wood programme



Wooden glazing bead
Profile beads
Solid wood programme





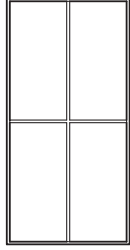
Door leaf

6.7

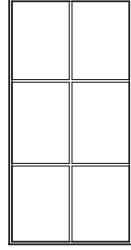
Vision panels (LA)

Decorative cross bars

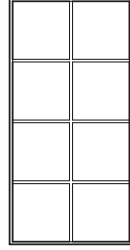
Segmentation of decorative cross bars



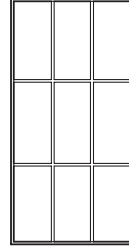
4 Fields



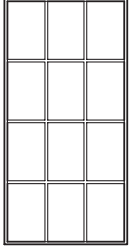
6 Fields



8 Fields



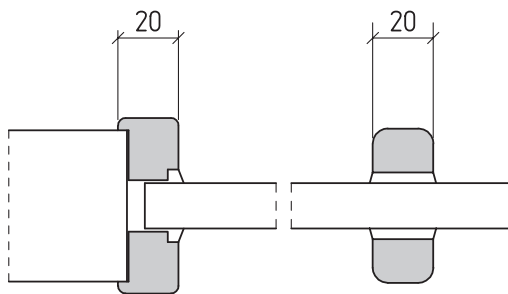
9 Fields



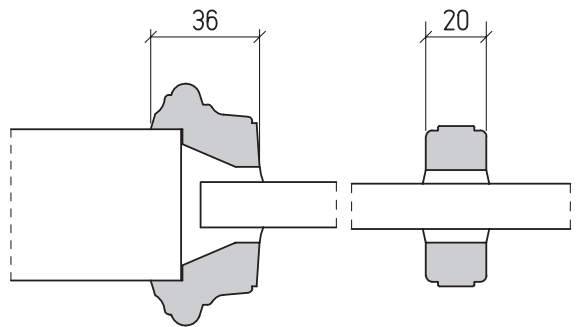
12 Fields

Configuration of cross bars

Standard beads

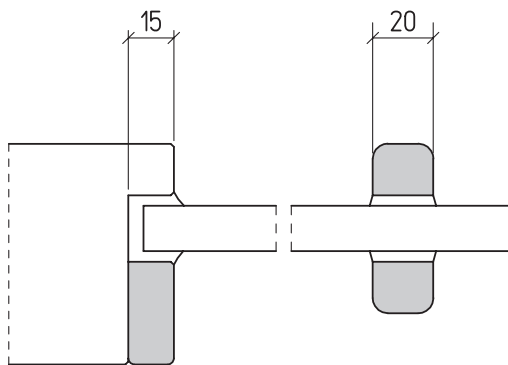


Profile beads



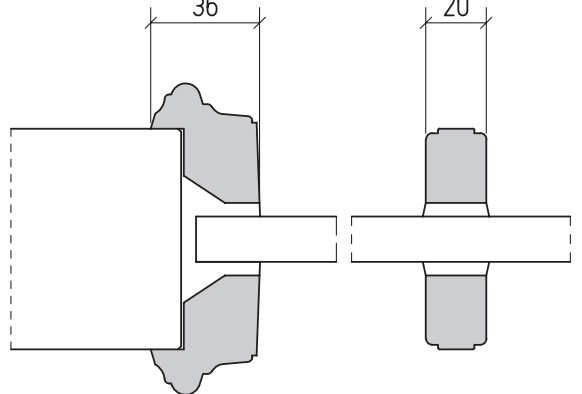
Solid wood programme

Standard beads

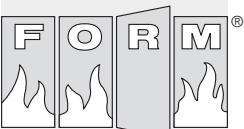


Solid wood programme

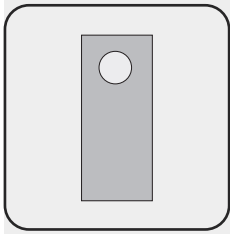
Profile beads



Wooden special doors



Schörghuber



Door leaf

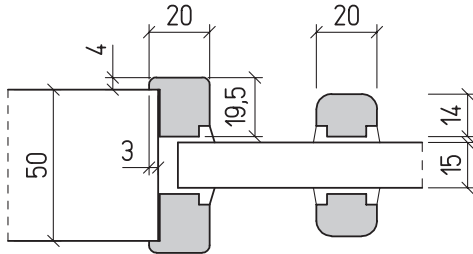
Vision panels (LA)

Glazing beads and decorative cross bars

Wooden special doors

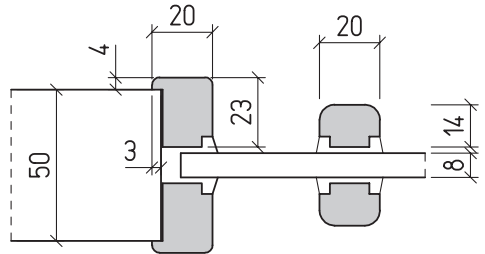
T 30

Type 3 N/4 N



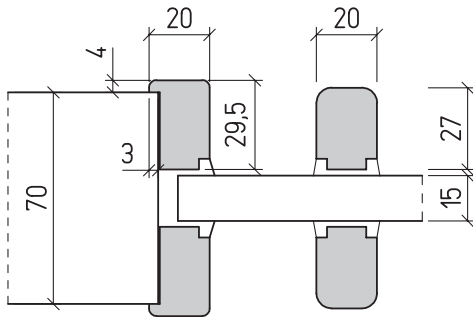
RS, SD 32, VT

Type 3 N/4 N (Rw,P 32 dB)



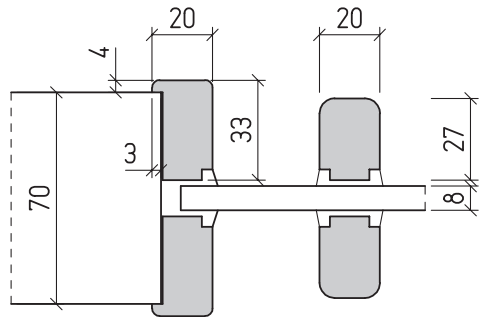
T 30

Type 16 N/26 N



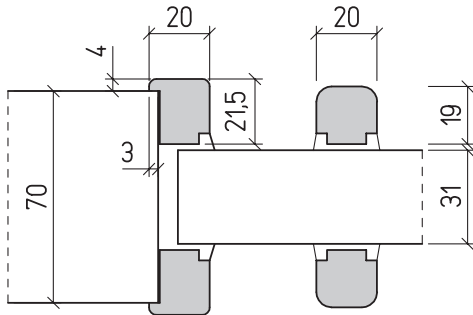
RS, SD 32

Type 16 N/26 N (Rw,P 32 dB)



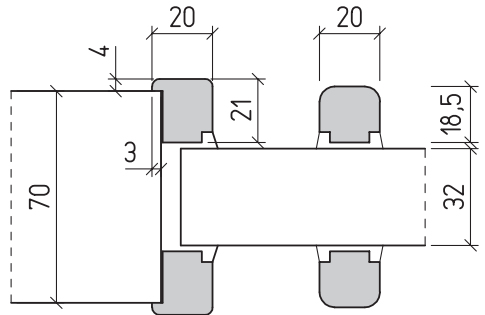
T 30

Type 5 N/6 N (Rw,P 42 dB)



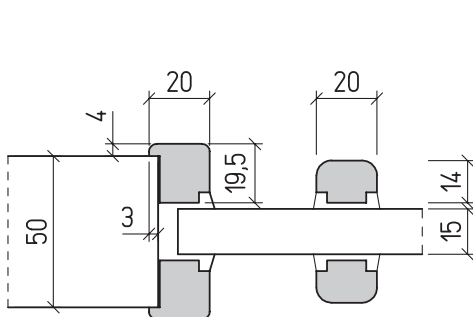
RS, SD 37, SD 42

Type 5 N/6 N (Rw,P 37 dB / 42 dB)



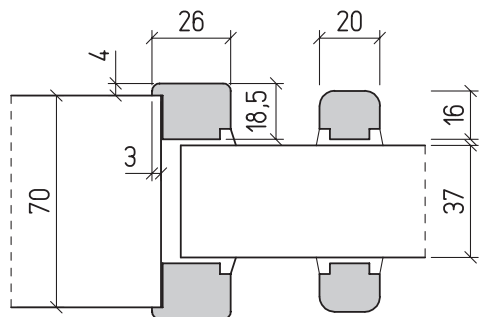
SD 37

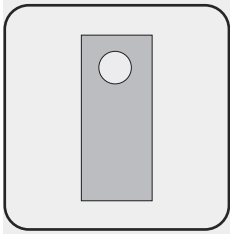
Type 13 N/14 N (Rw,P 37 dB)



T 60, T 90

Type 21 N, 8 N/24 N





Door leaf

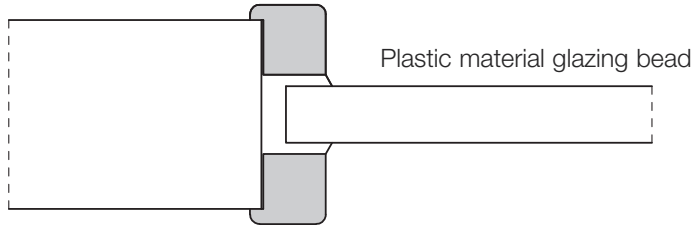
6.7

Vision panels (LA)

Glazing technics

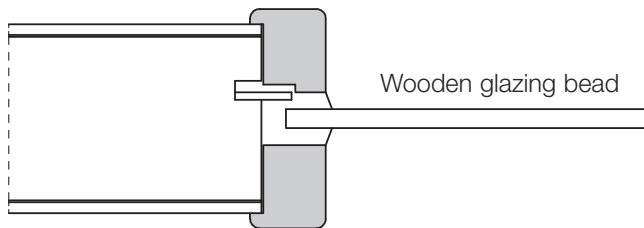
NT

Wet Room Door Type 3 N



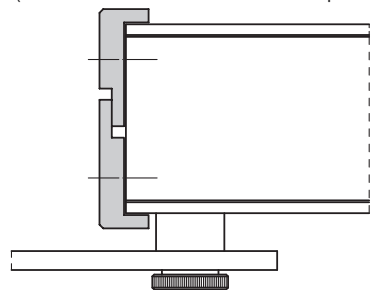
Pb

Radiation-Protection-Door Type 3 N



Pb

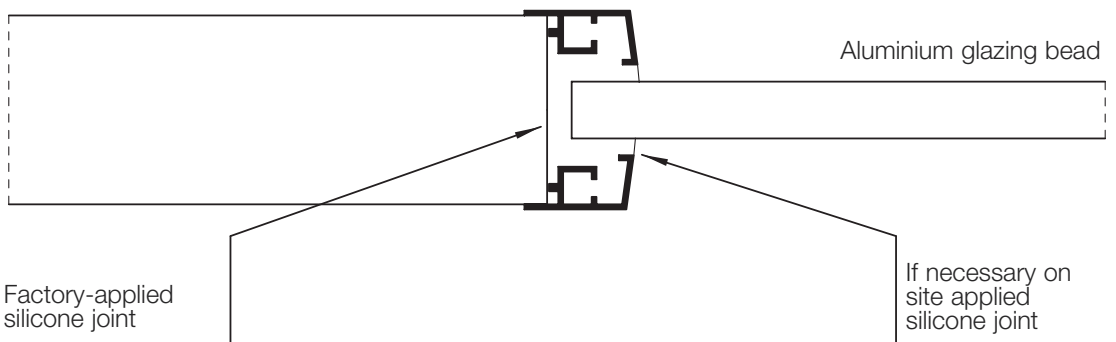
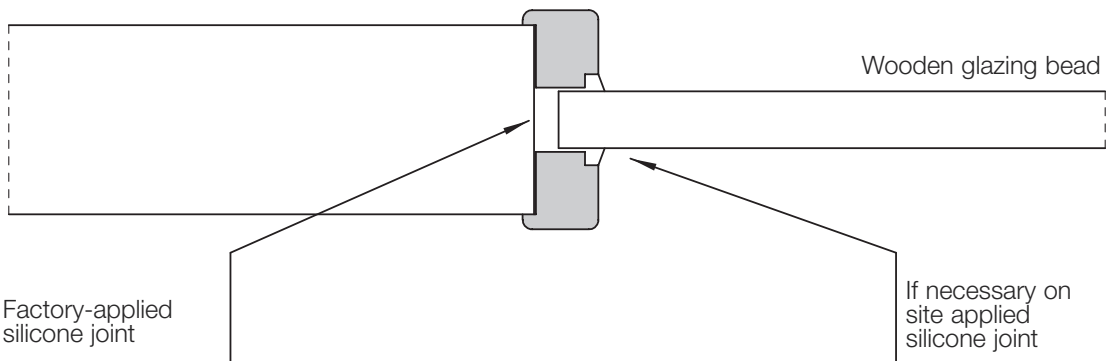
Radiation-Protection-Door Type 3 N
(Intercommunication vision panel)



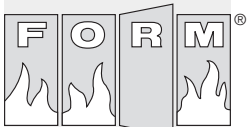
Vision panel sealing

Door leaves with vision panel are delivered completely glazed. The joint between glazing bead and pane is sealed with a transparent and permanent elastic silicone.

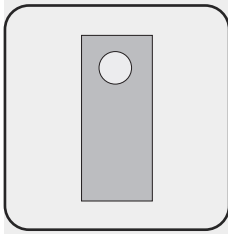
Vision panels in door sets for on site paint work, on site staining as well as on site coating are not being sealed by Schörghuber, because silicone is neither coatable, nor stainable. After the treatment of the surface the sealing of the joint between glazing bead and pane with silicone has to be carried out on site.



Wooden special doors



Schörghuber



Door leaf

Types of glass

Overview

Wooden special doors

Types of glass	Door function															
	T 30	T 60	T 90	RS	SD 32	SD 37	SD 42	SD 45	SD 48	SD 50	WK 2	WK 3	PB	DT	NT	VT
Pyrostop 30-10, clear glass, 15 mm	●			○	○	○									○	
Pyrostop 30-12, patterned glass, 17 mm	○			○	○	○										
Pyrostop-Phonstop 30-17, 31mm	○			○			○									
Pyrostop-Phonstop, patterned glass, 33 mm	○			○			○									
Pyrostop 60-10, clear glass, 38 mm		●														
Pyrostop 60-12, patterned glass, 40 mm		○														
Pyrostop 90-101, clear glass, 37 mm			●	○		○										
Pyrostop 90-121, patterned glass, 39 mm			○	○		○										
Contraflam 30-N2	○			○	○	○										
Contraflam 30-N2/ISO	○			○	○	○										
Contraflam 90-N2			○	○		○										
Promaglas 30, Type 1	○			○	○	○										
Promaglas 30, Type 20	○			○	○	○										
Pyrostop / Allstop laminated glass	○			○	○	○	○				○	○				
Allstop P6B-10, 22 mm				○	○	○						●				
Allstop P6B-13 GH, 34 mm				○			○					●				
Allstop P4A-10, 10 mm				○	○	○					●					
Allstop P4A-10 GH, 33 mm				○			○				●					
ESG, clear glass, 8 mm				●	●										●	●
ESG, patterned glass, 8 mm				○	○										○	○
ESG, Chinchilla blank, 8 mm				○	○										○	○
DSG, clear glass, 7 mm				○	○										○	○
VSG, clear glass, 8 mm				○	○										○	○
VSG, patterned glass, 8 mm				○	○										○	○
Pyrodur 30-10, clear glass, 7 mm				○												
Optilam 10.8 L, 11 mm				○		●										
Phonstop 29/45 L, 42 mm				○		○	●									
Phonstop 33/47 GH, 33 mm				○		○	○	●								
Phonstop U 31/45 GH, patterned glass, 32 mm				○		○	○	○								
Radiation-Protection glass Pb equivalent value, 1,5 - 4,0 mm													●			

● Standard

○ On request

T 30 = T 30 Fire-Protection

T 60 = T 60 Fire-Protection

T 90 = T 90 Fire-Protection

RS = Smoke-Protection

SD 32 = Sound-Insulation Rw,P 32 dB

SD 37 = Sound-Insulation Rw,P 37 dB

SD 42 = Sound-Insulation Rw,P 42 dB

SD 45 = Sound-Insulation Rw,P 45 dB

SD 48 = Sound-Insulation Rw,P 48 dB

SD 50 = Sound-Insulation Rw,P 50 dB

WK 2 = Burglar-Protection WK 2

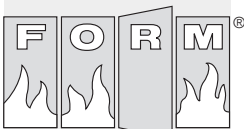
WK 3 = Burglar-Protection WK 3

PB = Radiation-Protection

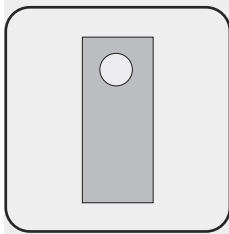
DT = Bullet-Resistant M 3

NT = Wet Room

VT = Solid core



Schörhuber



Door leaf

6.9

Option to shorten the door leaf

Bottom edge

With exception of a few models all Schörghuber Fire- and Smoke-Protection Doors can be shortened up to 20 mm. The possible option to shorten the door leaf is indicated with a steel sheet label on the pull side edge. For the inspection of the certification authority (responsible for the final acceptance), the door leaf height and the door leaf rebate dimension are imprinted.

In general the door leaves of Fire-Protection Doors (T 30 and T 90) without bottom seal as well as pure Smoke-Protection Doors can be shortened. Exceptions are Fire-Protection Doors with bottom seal as well as doors with floor-mounted door closer, these doors can not be shortened.

Non Fire- and Smoke-Protection Doors can usually be shortened up to 30 mm.

Option to shorten the door leaf

Type	Fire-Protection	Smoke-Protection	Combination of Fire- and Smoke-Protection
1 N	20 mm	20 mm	--
3 N / 4 N	20 mm	20 mm	--
13 N / 14 N	--	20 mm	--
16 N / 26 N¹⁾	20 mm	20 mm	--
5 N / 6 N	--	20 mm	--
17 N	//	20 mm	--
50-1 / 50-2	--	20 mm	--
35 N	20 mm	20 mm	--
10 N / 20 N	20 mm	20 mm	--
21 N	20 mm	//	//
8 N / 24 N	20 mm	//	--
80-1 / 80-2	--	//	--
91 N / 92 N	--	//	--
25 N / 27 N with middle frieze bottom frieze ≥ 80	20 mm	20 mm	--
25 N / 27 N without middle frieze bottom frieze ≥ 110	20 mm	20 mm	--
3 N-NT 4 N-NT	20 mm	20 mm	--
3-60, 4-60	20 mm	//	--
5-60, 6-60	--	//	--
3-90	20 mm	//	--
120-1	20 mm	//	--
25 N / 27 N Slimline	--	--	--
91 N / 92 N Slimline	--	--	--
Flaps	--	--	--

-- not to be shortened

// not available with this function

¹⁾ Door sets with sports hall frame are by default equipped with a floor-mounted door closer and can therefore not be shortened.