



**SYSTEM 42**

# PRIODOOR FSA

## Fire Resisting Closure

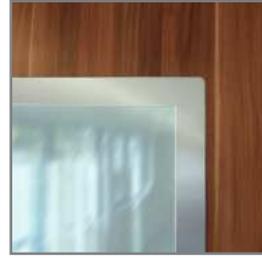
Single leaf and double leaf doors (fire resisting closures) with block frames and circumferential smoke seal, decorative surface or real wood veneer. With general building authority approval.

### Function

- 30/90 minutes fire resistance, fire retardant/fire resistant
- T 30-RS/T 90-RS classification
- Smoke-tight and tested for continuous operation
- Soundproofing 37 dB (1-leaf)



■ Hydraulic door closer



■ Flush glazing



■ 3D-stainless steel bands



■ Smoke protection seals on the ground; alternative: circumferential frame



■ Standard door handle set



■ Block frame 55 mm

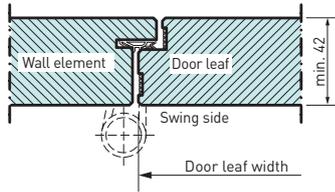
## Construction

- Fire door with high mechanical resistance
- Standard door height up to 2,500 mm
- Standard double-leaf door width up to 2,500 mm
- Hydraulic door closer for automatic door closure
- Three-sided block frame, 55 mm thick and made of the same solid material
- Grooved door, closes flush with the block frame on both sides
- Circumferential and permanently elastic smoke seal
- Circumferential fire protection seal, automatically expands in case of fire
- 3D stainless steel bands, latch lock with double cylinder
- Smokeproof design with floor sealing

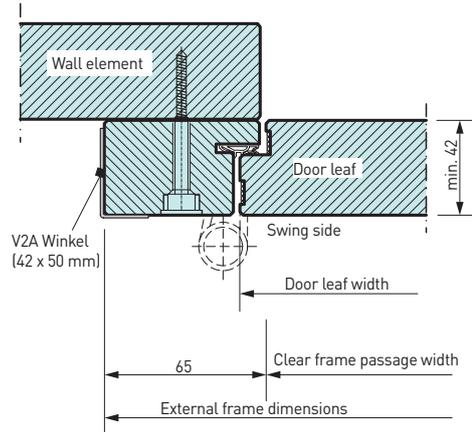
## Material characteristic

- High density solid material with high mechanical resistance
- Standard HPL surface
- Standard design: white or light grey - similar to RAL 9016 or RAL 7035; Edges and chamfers darkly contrasted

Installation in PRIOWALL

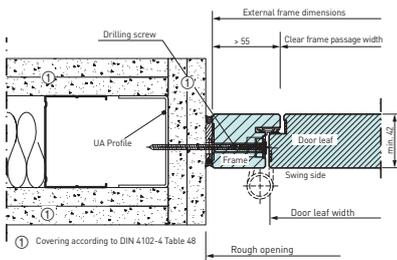


Flush installation, no frames required

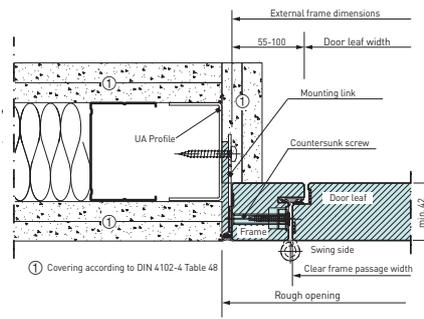


Protruding end

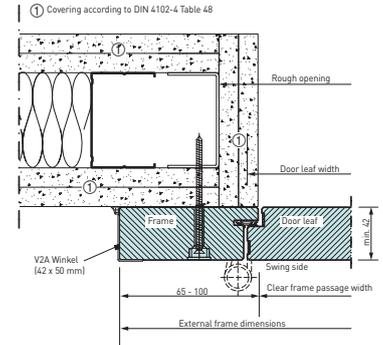
Installation in GRP metal stud wall



Centred installation

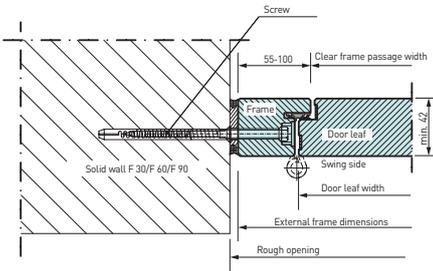


Flush installation

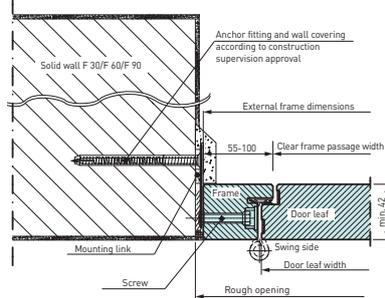


Protruding end

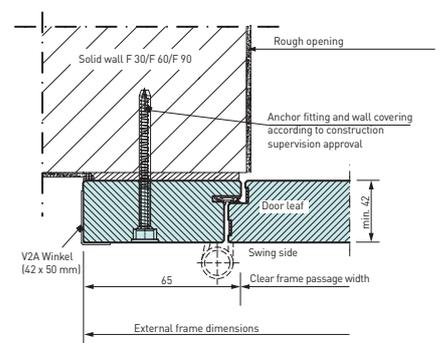
Installation in solid wall



Centred installation



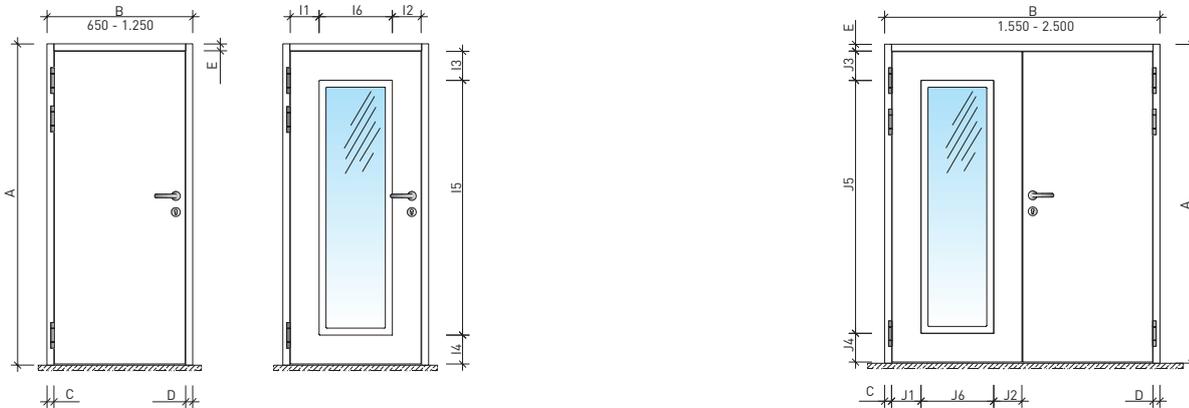
Flush installation



Protruding end

PRIODOOR is offered on a project-by-project basis

## Standard door elements



### Standard fire protection glasses:

- 1000 mm x 350 mm
- 1600 mm x 600 mm

POS	Designation	Dimensions Min. / Max. mm	Your dimen- sions mm
A	Exterior height of element	1.801 - 2.500	
B	Exterior width of element	1-ft.: 650 - 1.250 2-ft.: 1.550 - 2.500	
C	Frame width left	55 - 100	
D	Frame width right	55 - 100	
E	Frame width transverse top	55 - 100	
I1	Width of frieze - glass / swing side (active leaf)	≥ 180	
I2	Width of frieze - glass / lock side (active leaf)	≥ 175	
I3	Height frieze top (active leaf)	≥ 180	
I4	Height frieze bottom (active leaf)	≥ 180	
I5	Height glass (active leaf)	≤ 2.077	
I6	Wide glass (active leaf)	≤ 831	
J1	Width of frieze - glass / swing side (fixed leaf)	≥ 180	
J2	Width of frieze / lock side (fixed leaf)	≥ 175	
J3	Height of frieze top (fixed leaf)	≥ 180	
J4	Height of frieze bottom (fixed leaf)	≥ 180	
J5	Height of glass (fixed leaf)	≤ 2.077	
J6	Width of glass (fixed leaf)	≤ 831	

## Options and accessories

- Two-leaf doors in asymmetrical design
- Extra wide frame on request
- Four-sided frame for wall installations not at ground level
- All PRIORIT surfaces, see pages 44
- Building material with non-flammable surface coating, A2 – s1, d0 classification



## Accessories - Locking cylinder

EP.B.8066 Profile double cylinder – simultaneous locking



- Length 27.5 / 35.5 mm
- Cylinder according to DIN 18 252 / DIN EN 1303
- Increased key stability due to high material strength
- Brass matt nickel-plated
- Without rosette 13 mm protruding

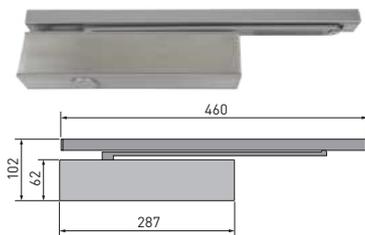
EP.B.8709 Profile double cylinder – keyed-differently



- Length 27.5 / 35.5 mm
- Cylinder according to DIN 18 252 / DIN EN 1303
- Increased key stability due to high material strength
- Brass matt nickel-plated
- Without rosette 13 mm protruding

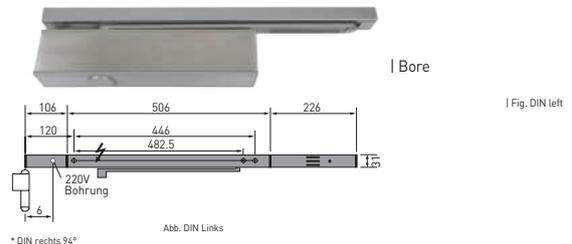
## Accessories - Door closer for single leaf doors

TX1-TS61B Door closer TS61 with guide B



- Closing speed continuously adjustable
- Closing force continuously adjustable
- Latching action continuously adjustable
- Bar check continuously adjustable
- Closing delay (optional)
- Same model for DIN-L and DIN-R

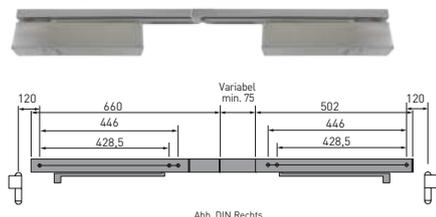
DZ-TS1RMR / DZ-TS1RML Door closer TS61 with guide EFR



- Guide with electromagnetic hold-open device, smoke detector with power supply
- Activated by smoke detector with power supply
- Input 220 V AC
- DZ-TS1RMR for DIN R
- DZ-TS1RML for DIN L

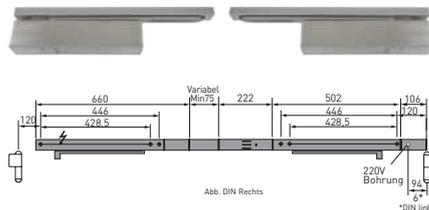
## Accessories - Door closer for double leaf doors

### TX2-TS61S Door closer TS61 with closing sequence control



- Closing speed continuously adjustable
- Closing force continuously adjustable
- Latching action continuously adjustable
- Bar check continuously adjustable
- Closing delay (optional)

### DZ-TS2RMGFR / DZ-TS2RMGFL Door closer TS61 with guide EFR and closing sequence control



- Closing sequence control guide with electromagnetic hold-open device in the fixed leaf and integrated smoke detector
- Arresting of both door wings
- Arresting point adjustable from ca. 70° to 130°
- Input 24 V DC
- Input voltage 220 V AC
- DZ-TS2RMGFR for active leaf DIN R
- DZ-TS2RMGFL for active leaf DIN L

Art.	Accessories
<b>Door accessories</b>	
EP.E.8858	Magnet Reed Contact Set, Contents: 1 magnet, 1 reed contact with 4.0 m connection cable LIYY 4 x 0.14 mm <sup>2</sup> , 2 housings, 2 spacer plates, 2 flanges and 4 antimagnetic fixing screws (V4A)
<b>Door handles, locking cylinder</b>	
EP.B.8066	Profile double cylinder – simultaneous locking, without rosette
EP.B.8709	Profile double cylinder – keyed differently
DZ-ROS2	Profile cylinder rosette, pair
EP.B.8902	Blind rosette V2A matt
<b>Door closer for single leaf doors</b>	
TX1-TS61B	Door closer TS61 with guide B
DZ-TS1RMR	Door closer TS61 with guide EFR for DIN R
DZ-TS1RML	Door closer TS61 with guide EFR for DIN L
<b>Door closer for double leaf doors</b>	
TX2-TS61S	2 x door closer TS61 with closing sequence control with guide SR
DZ-TS2RMGFR	2 x door closer TS61 with guide EFR for active leaf DIN R
DZ-TS2RMGFL	2 x door closer TS61 with guide EFR for active leaf DIN L
<b>Panic release</b>	
DZ-Panik-B <sup>1)</sup>	Automatic multipoint locking with panic function E

<sup>1)</sup>Panic function B possible with PRIODOOR FSA from an inside height of 1746 mm