

Fire-Resistant Steel Door T 30-2-FSA

“Teckentrup DF”

optionally with glazing optionally with upper casing/top light



Text example

Compile and tender according to requirements.
Please refer to Technical Data below for respective details.
Updated 01.01.2011

Position	No. of pieces	Item	Unit price €	Total price €
		T 30-2-FSA fire-proof steel door tested in accordance with DIN 4102. Double-leaf door element. Active door leaf DIN right. Door leaf galvanized and prime coated similar to RAL 9002 (grey white). 52 mm thick, thick rebated on 3-sides. Corner frame, 2 mm thick with 3-sided seal. Active door leaf with mortice lock with lever/knob in accordance with DIN 18250, prepared for profile cylinder. Black plastic handle set. Handle pivoted on bearing, with tumbler insert (Bb) and 1 Bb key. Inactive door leaf with central rebate profile and rebate lever bolt 2 security bolts. 2 three-piece hinges with ball bearings per leaf. 1 top door closer in accordance with DIN EN 1154. 1 door selector. “Teckentrup DF” (approval no.: Z-6.20-2037) or equivalent.		



Technical data

Building authority approval:

Z-6.20-2037 tested in acc. with DIN 4102

Installation in:

- Walls made of:
 - Masonry min. 115 mm
 - Concrete min. 100 mm
 - Lightweight construction stud wall * (F90) in acc. with DIN 4102 Part 4 min. 100 mm
 - Autoclaved aerated concrete block in accordance with DIN 4165 min. 175 mm
 - or made of reinforced autoclaved aerated concrete boards min. 150 mm (only for internal walls)

Approved dimensions:

Modular dimensions:
Width: 1375 – 3000 mm
Height: 1750 – 3000 mm

With upper casing: (door leaf 62 mm)

Height: 4000 mm

Handling:

Active door leaf DIN right or DIN left

Door leaf:

Double-skinned **thick rebated** on 3 sides
(Upper casing rebated on 3 sides or made of frame profiles)
Door leaf thickness: 52 mm up to 2500 x 2500 mm
Door leaf thickness: 62 mm above 2500 x 2500 mm
Door leaf thickness: 62 mm door leaf with upper casing
Sheet thickness: 1 mm (1.5 mm)
Security bolts per leaf: 2-3
Reinforcement: Flat steel
Insulation: Mineral fibre board
Special equipment: Upper casing, sheet thickness: 1.5 mm

Frame:

Corner frame 2 mm thick with 3-sided seal and bottom sill
With welded-on wall anchor plugs
Fire protection strip in the upper part
Special equipment:
Block frame and counter or closed frame
• Counter frame or closed frame required for installation in **lightweight construction stud walls**
• Installation in **autoclaved aerated concrete** without counter frame for doors up to 2500 x 2250 mm without glazing

Surface:

Galvanized and prime coated door leaf/frame similar to RAL 9002 (grey white)

Hinges and closing devices:

- 4 three-piece hinges with ball bearings
- 2 top door closers DIN EN 1154
- 1 door selector

Fittings:

- Active door leaf:
- Mortice lock with lever/knob in acc. with DIN 18250, prepared for profile cylinder
 - Black plastic handle set: Handle pivoted on bearing, with tumbler insert (Bb) and 1 Bb key
- Inactive door leaf:
- With central rebate profile
 - With rebate lever bolt can provide upward locking

* For permissible walls refer to the Installation details tab

Glazing:

Fire-resistant glass “Promaglas 30”, 17 mm thick with steel glass holding strips galvanized and prime coated, grey white similar to RAL 9002.
Max. pane dimensions 900 x 2100 mm
Round glazing Ø 300, Ø 400, Ø 500
Special equipment:
Steel glass holding strips with additional aluminium cover strips, Round glazing - stainless steel glass-holding strips

Special equipment:

- Handle sets / Lever/Knob sets:
 - Plastic
 - Light metal
 - Stainless steel
 - With short plate or rose escutcheon
- (various makes)
- Prepared for rose escutcheon
- Locks
 - Profile cylinder 40.5 + 30.5 mm (door leaf 52 mm)
 - Profile cylinder 45.5 + 35.5 mm (door leaf 62 mm)
 - Panic locks
 - Block lock (must be provided/can also be supplied)
- Panic bar handle
- Top door closer DIN EN 1154
 - head assembly
 - with slide rail
 - with locking device
 - with smoke detector
 - with door selector
 - integrated door closer ITS 96 (62 mm) fire protection
- Bottom door closer DIN EN 1154
- Electric door opener
- Integrated lock inspector (bolt contact)
- Integrated opening indicator (Reed contact)
- Revolving door drives
- Hold-open devices
- Floor seals

Standard sizes:

Ordering dimensions/ Modular dimensions width x height	Clear opening dimensions width x height
1500 x 2000	1416 x 1958
1500 x 2125	1416 x 2083
1750 x 2000	1666 x 1958
1750 x 2125	1666 x 2083
2000 x 2000	1916 x 1958
2000 x 2125	1916 x 2083
2000 x 2500	1916 x 2458
2125 x 2125	2041 x 2083
2250 x 2250	2166 x 2208
2500 x 2500	2416 x 2458

Special sizes: From 1375 x 1750 mm to 3000 x 3000 mm

Further qualifications: (special version)



♦ **Smoke-proof in acc. with DIN 18095 for solid and lightweight construction stud walls**

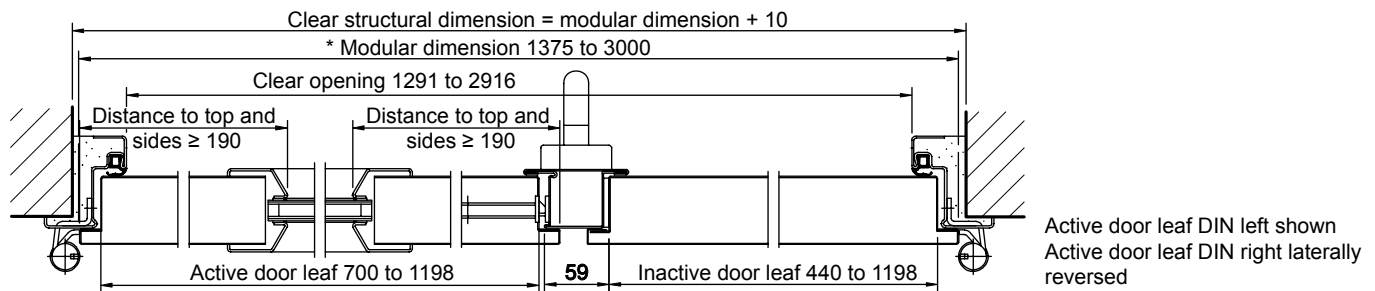
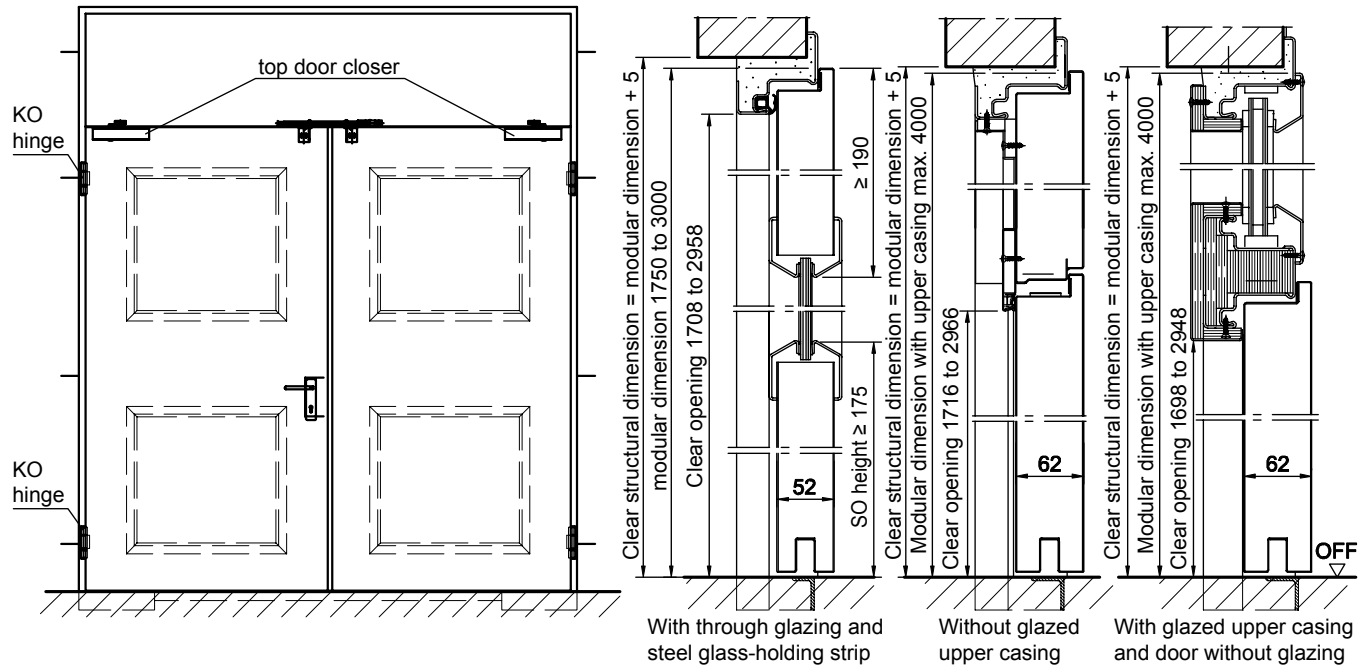


♦ **Sound insulation in acc. with DIN EN 20140**
(up to a width of 3000 mm x height of 3000 mm without glazing without upper casing)
door 52 mm = Rw 40dB with bottom buffer
door 52 mm = Rw 37dB with retractable bottom seal
door 62 mm = Rw 42dB with bottom buffer
door 62 mm = Rw 38dB with retractable bottom seal

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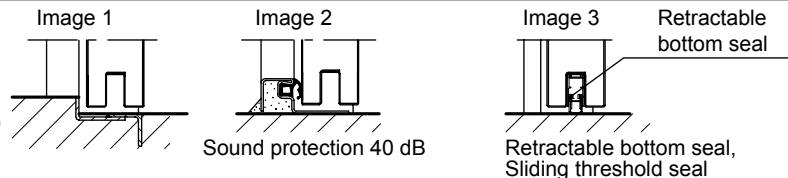
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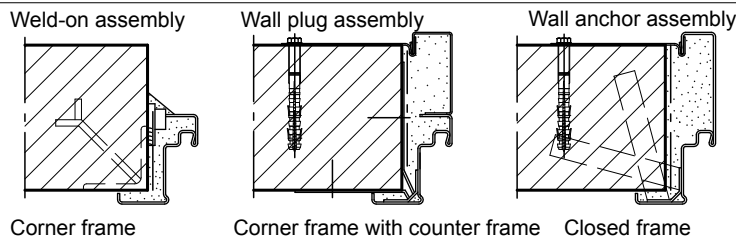
Floor connections:

- Image 1: With bottom buffer
- Image 2: With bottom buffer/seal
- Image 3: With bottom seal (smoke-proof door with top door closer)



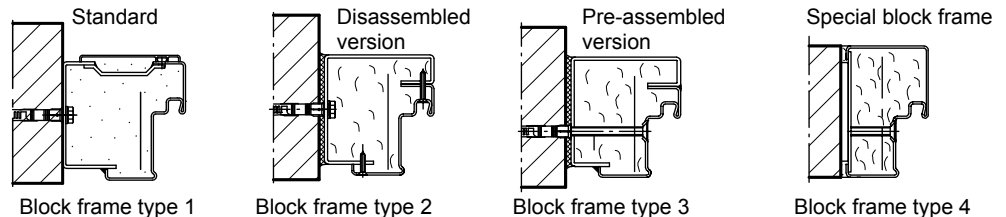
Installation in masonry/ concrete walls

concrete walls ≥ 100 mm
masonry walls ≥ 115 mm



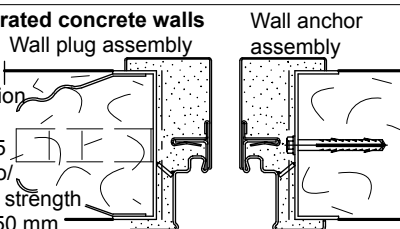
Installation with block frame

Flush installation between concrete walls ≥ 100 mm
masonry walls ≥ 115 mm



Installation in autoclaved aerated concrete walls

(doors with top door closer).
Made of autoclaved aerated concrete blocks or high precision units in accordance with DIN 4165 strength class 4 min. 175 mm or made of reinforced autoclaved aerated concrete slabs strength class 4. Wall thickness min. 150 mm



Installation in installation walls

(lightweight construction stud walls)
Installation walls F90 in accordance with DIN 4102 Part 4 or in accordance with general building authority test certificate wall thickness min. 100 mm. For permissible walls refer to the Installation details tab

