

# Fire-resistant steel trap door/steel door

## T 30-1-FSA „Teckentrup 62“

optionally with glazing, optionally with top light/upper casing



### Text example

Compile and tender according to requirements.  
Please refer to technical data below for respective details.  
Updated 1<sup>st</sup> June 2015



Position	No. of pieces	Item	Unit price €	Total price €
		T 30-1-FSA fire-proof steel door tested as per EN 1634-1 (DIN 4102). Single-leaf door element, type of handing DIN right or DIN left. Door-leaf 62 mm thick, rebated on 3 sides. Corner frame 1.5 mm thick with 3-sided seal and bottom sill. Door leaf and frame galvanized and prime-coated in Grey white, similar to RAL 9002. Mortice lock with latch lever in accordance with DIN 18250, prepared for profile cylinder. Plastic handle set, black, handle pivoted on bearing with tumbler insert (Bb) and 1 Bb key. 1 security bolt. 1 spring hinge and 1 KO hinge with ball bearings. „Teckentrup 62“ or equivalent.		

### Technical data

#### Building authority approval:

Z-6.20-1923 tested as per **EN 1634-1** (DIN 4102) for installation in internal wall  
Heat transfer coefficient in accordance to EN ISO 12567-1 (w/o glazing)  $U_D = 1.8 \text{ W/m}^2\text{K}$

#### Installation in:

- Masonry wall min. 115 mm
- Concrete wall min. 100 mm
- Lightweight construction stud wall \* min. 100 mm
- Autoclaved aerated concrete wall
  - as per DIN 4165 min. 115 mm
  - reinforced type min. 115 mm
- covered wood beams F60

\*  $F \geq 30$  as per DIN 4102 part 4 or in accordance with the general building authority test certificate for permissible walls refer to the installation details tab.

#### Approved dimensions:

Modular dimension width: 500 - 1500 mm  
Modular dimension height: 500 - 4000 mm  
with top light/top casing up to H 4600 mm

#### Handing:

DIN right or DIN left

#### Door leaf (trap door):

Double-skinned, **thin rebated** on 3 (4) sides  
Door leaf thickness: 62 mm  
Sheet thickness: 0.75/1.0 mm or 1.5 mm (above MD-leaf height 3000 mm only in 1.5 mm)  
Security bolt: 1  
Insulation: mineral fibre board

#### Frame:

Corner frame 1.5/2.0 mm thick, with 3 (4)-sided seal and bottom sill.  
Frame fixed with 3 screws on each side.  
Special equipment: block, counter or closed frame.

#### Surface:

Door leaf/Frame galvanized and prime coated, similar to RAL 9002 (Grey white).

#### Hinges, closing devices:

- 1 spring hinge and 1 KO-hinge with ball bearings or
- 2 KO with ball bearings and 1 top door closer
- compensation rings for height adjustment

#### Fittings:

- Mortice lock with latch lever 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

#### Glazing:

Fire-resistant glass "Promaglas 30", 17 mm thick with aluminium glass holding strips.  
Max. pane size 904 x 2150 mm, round glazing  $\varnothing 300$ ,  $\varnothing 400$  and  $\varnothing 500$  with steel glass holding strips, galvanized and prime-coated Grey white, similar RAL 9002.

#### Special equipment:

- Handle sets / Lever/Knob sets:
  - plastic
  - stainless steel
  - light metal
  - with short plate or rose escutcheon (various makes)
- Prepared for rose escutcheon
- Locks:
  - profile cylinder 40.5 + 40.5 mm
  - panic locks
- block lock (must be provided)
- Top door closer DIN EN 1154
  - head assembly
  - with slide rail
  - with locking device
  - with smoke detector
  - ITS 96 (hidden)
- For doors with glazing with top door closer
- For installation in lightweight construction stud walls with top door closer
- For installation in autoclaved aerated concrete walls with top door closer
- Electric door opener
- Integrated lock inspector (bolt contact)
- Integrated opening indicator (Reed contact)
- Revolving door drives
- Hold-open devices
- Floor seals are retrofittable

Also available in **STAINLESS STEEL**

	Ordering dimensions (modular dimensions) width x height	Clear passage size (corner frame) width x height	
<b>Standard sizes steel trap door:</b>	750 x 875	666 x 791	
	875 x 875	791 x 791	
	1000 x 1000	916 x 916	
	1250 x 1250	1166 x 1166	
<b>Standard sizes steel door:</b>	750 x 2000	666 x 1961	
	875 x 1875	791 x 1836	
	1000 x 2000	916 x 1961	
	1125 x 2000	1041 x 1961	
	1250 x 2000	1166 x 1961	
	1250 x 2125	2086	
	1250 x 2250	2086	
	(Special sizes from 500 x 1750 up to 1500 x 4000)	2000	1961
		2125	2086
		2250	2211

#### Further qualifications (special equipment):



- **Smoke-proof** in accordance with DIN 18095 with top door closer
- **Sound insulated** as per DIN EN 20140/717  
**Rw 37 dB** with retractable bottom seal  
**Rw 35 dB** with sliding threshold seal  
**Rw 37 dB** with bottom buffer
- **Burglar-resistant** as per DIN EN 1627 - **RC 2 (WK 2), RC 3 (WK 3), RC 4 (WK 4)**

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