

# Fire-Resistant Steel Door T 30-2-FSA

## “Teckentrup H”

optionally with glazing optionally with upper casing



### Text example

Compile and tender according to requirements.  
Please refer to Technical Data below for respective details.  
Updated 01.11.2011

| 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. Galvanized and prime coated door leaf similar to RAL 9002 (grey white), 62 mm thick, rebated on 3-sides. Corner frame, 2 or 3 mm thick, with 3-sided seal. Active door leaf with mortice lever/knob lock 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 safety catch/safety catch handle lockable from the opposite hinge side. 3 or 6 security bolts per leaf, 2 three-piece hinges, 1 top door closer in accordance with DIN EN 1154. 1 door selector. “Teckentrup H” (approval no.: Z-6.20-1972) or equivalent. |              |               |



### Technical data

#### Building authority approval:

Z-6.20-1972 tested in acc. with DIN 4102

#### Installation in:

- Masonry min. 115 mm up to modular dimension 2500 x 2500 mm or ≤ 6.25 m² min. 175 mm above modular dimension 2500 x 2500 mm
- Concrete min. 100 mm up to modular dimension 2500 x 2500 mm or ≤ 6.25 m² min. 140 mm above modular dimension 2500 x 2500 mm
- Lightweight construction wall (F 90) min. 100 mm in acc. with DIN 4102 Part 4 or in acc. with general building authority test certificates up to modular dimension of 3000 x 3000 mm, for permissible walls refer to the Installation details tabs
- Autoclaved aerated concrete block in acc. with DIN 4165 min. 175/200 mm or made of reinforced autoclaved aerated concrete slabs min. 150/175 mm Refer to the Installation details tab (only for internal walls)

#### Approved dimensions:

|                          |                          |
|--------------------------|--------------------------|
| <b>(door leaf 62 mm)</b> | <b>(door leaf 52 mm)</b> |
| Width: 1375 – 3000 mm    | Width: 1375 – 2500 mm    |
| Height: 1750 – 4000 mm   | Height: 1750 – 2500 mm   |

#### With glazing:

Up to height of: 3000 mm Up to height of: 2500 mm

#### With glazed upper casing:

Up to height of: 3500 mm -----

#### With unglazed upper casing:

Up to height of: 5000 mm -----

#### Type of handling:

Active door leaf DIN right or DIN left

#### Door leaf:

Double-skinned **thin rebated** on 3 sides (upper casing rebated on 4 sides)  
Door leaf thickness: 52 mm thick up to modular height of 2500 x 2500 mm, 62 mm thick above modular dimension of 2500 x 2500 mm  
Upper casing: 62 mm  
Sheet thickness: 1 mm or 1.5 mm (above modular dimension height of 3000 = 1.5 mm)  
3 or 6 security screws per leaf (2 security screws for 52 mm)  
Reinforcement: U-shaped and flat steel.  
Insulation: Mineral fibre board and gypsum boards  
Special equipment: Upper casing: Sheet thickness 1.5 mm

#### Frame:

Corner frame 2 mm or modular dimension height of > 3000 = 3 mm thick, with 3-sided seal and bottom sill  
With welded-on wall anchor plugs  
Special equipment: Block frame and counter or closed frame galvanized  
• Counter frame or closed frame required for installation in lightweight construction stud walls/autoclaved aerated concrete

#### Surface:

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

#### Hinges and closing devices:

- 4 three-piece hinges with ball bearings
- 2 top door closers DIN EN 1154
- With door selector above modular dimension height of 3000 mm door closer with slide rail and integrated 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:

- Safety catch with safety catch handle lockable from the opposite hinge side (specify arrangement on hinge side)

#### 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 dimension 1150 x 2200 mm (62 mm door leaf)  
Round glazing Ø 300, Ø 400 and Ø 500  
Special equipment: Steel glass-holding strips with additional aluminium cover 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 + 40.5 mm (door leaf 62 mm)
- Profile cylinder 35.5 + 35.5 mm (door leaf 52 mm)
- Block lock (must be provided/can also be supplied)
- Rebate lever bolt
- Secured drive lock
- Top door closer DIN EN 1154
  - head assembly
  - with locking device
  - with door selector
  - with slide rail
  - with smoke detector
  - integrated door closer ITS 96
- Bottom door closer DIN EN 1154
- Integrated lock inspector (bolt contact)
- Integrated opening indicator (Reed contact)
- Revolving door drives
- Floor seals can be retrofitted
- Central rebate seal
- Panic locks
- Panic bar handle
- Electric door opener
- Hold-open devices
- Rebate seal

#### 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                             |
| 3000 x 3000   | 2916 x 2958                             |

#### Special sizes:

From 1375 x 1750 mm to 3000 x 4000 mm

#### Further qualifications (special equipment):



- **Smoke-proof in acc. with DIN 18095 for solid and lightweight construction stud walls** (door leaf 62 mm: up to MD of 3000 x 3000 mm with glass; up to MD of 3000 x 4000 mm without glass; With upper casing: up to MD of 3000 x 3500 mm with glass; up to MD of 3000 x 5000 mm without glass) (door leaf 52 mm: up to modular dimension of 2500 x 2500 mm with / without glass)



- **Sound insulation in acc. with DIN EN 20140** 62 mm door up to modular dimension of 2500 x 2500 mm without glass)
- **Burglar-resistant in acc. with DIN V ENV 1627 WK 2, WK 3, WK 4** (up to a width of 2750 x height of 2500 mm)



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