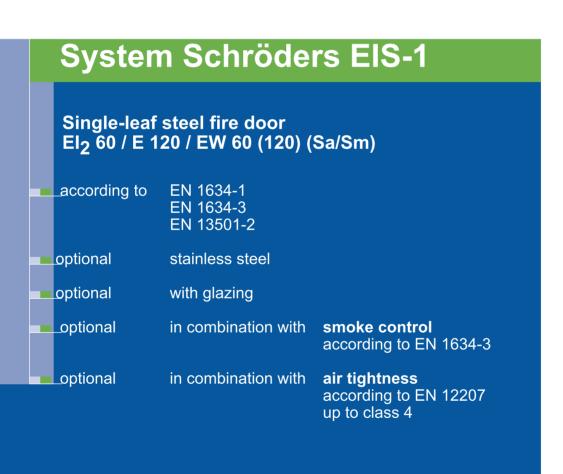
# **Technical Information**





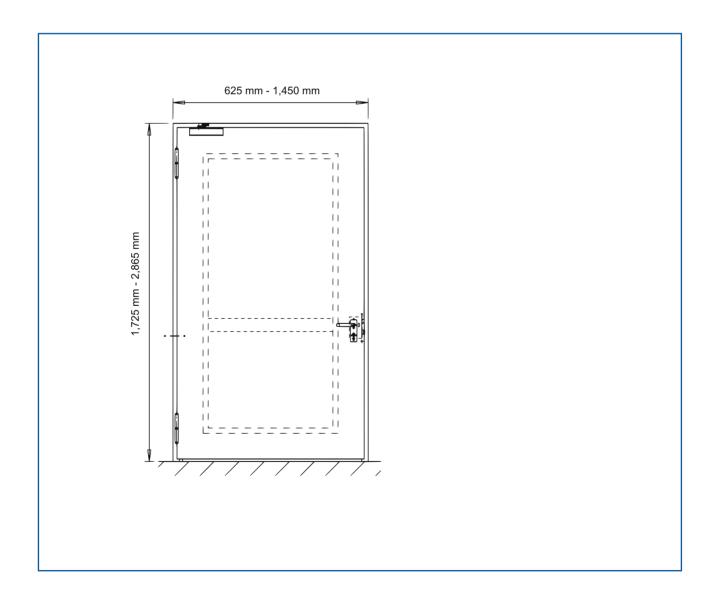
## Fire Door "System Schröders EIS-1"

El<sub>2</sub> 60 / E 120 / EW 60 (120 tested) Fire resistance

tested in accordance with EN 1634-1

Classification report WFRC 302467 according to EN 13501-2

- optional performance characteristics
  - Smoke control S<sub>a</sub>/S<sub>200</sub> tested according to EN 1634-3
  - Air tightness according to EN 12207, uo to class 4
  - Resistance to wind load according to EN 12210, up tp class C5
  - Watertightness according to EN 12208, class 8A
  - Resistance to positive and negative pressure to 5,000 Pa



### **Technical Data**

DimensionsWidthup to 1,450 mmconstruction standard Heigthup to 2,865 mm

**Door leaf** Leaf thickness 68/69 mm – smooth, double-walled, galvanized,

or optionally stainless steel Plate thickness up to 1.5 mm

- Isulation inlay optionally covered with a fully adhering cover sheet,

to result in a super smooth and flat door leaf

- "Thelesol-110"-fire protection strip on the door leaf edges

Door frames "System Schröders" (see installation variants)

optional with elastic smoke protection seal

Corner frame profile, three-, or optionally four sided

wrap-around frame option

Door leaf and frame optionally in stainless steel

**Glazing** Glass dimensions variable, max. 942 x 2,155 mm

(optional) Minimum frieze width: 130 mm

optional cross bars

Floor seal required for smoke protection, increased air tightness, driving rain tightness

optional lowering floor seal or

four-sided frame seal

**Lock options** Latch lock according to EN 12209

Profile cylinder prefab (without cylinder)

optional panic lock

multiple interlock

securing bolt

Hardware/Fittings optional any appropriate lever handle set

panic push-bar

door closer according to EN 1154

2/3-piece KO door hinges

for smaller doors, optionally with spring hinge

optionally power drive door opener according to EN 1155

**Installation** - in masonry

- in concrete

- in fire proof mounting walls

- in steel columns or beams covered

- optionally blunt mount between the recesses

**Options** - additional safety equipment possible

(magnetic contact, bolt contact, electric door opener)

- with door closers

- thick rebate design (development in progress)
- protective kick plates ≤ 1.5 mm on the door panel

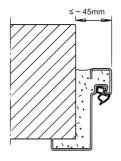
- door panel covered with laminates or genuine wood veneer ≤ 1.5 mm

- additional versions upon request

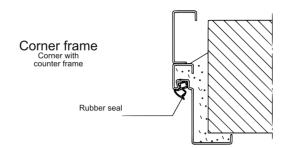
## **Installation Variants**

#### Installation in

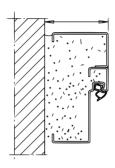
Masonry / concrete



≤ ~ 85mm

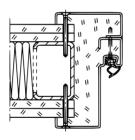


Masonry / concrete

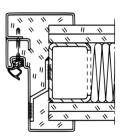


Block frame Corner with counter frame

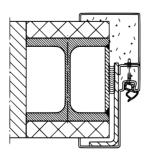
Flexible wall



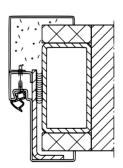
Wrap-around frame
Corner with
counter frame



Covered steel columns / steel beams



Wrap-around frame
Corner with
counter frame





www.system-schroeders.de