Fire stacking door
Firewall® T609 $EI_1$60-C5
optional smoke control S_a

CE-marking according to EN 13241 and EN 16034

Exhibition hall

Effertz fire stacking door Firewall® T609,
classification EI60-C5 according to EN 13501-2 and EN 16034.

Durability of self-closing: 200.000 cycles (C5).

Meeting the applicable safety requirements of door product standard EN 13241.

Declaration of Performance and CE-marking according to EN 13241 and EN 16034.

Photos may show optional extras.
Status: 10.01.2022

Technical specifications

- Lightweight sections made from fire protective boards.
  Surface: raw surface of the fire boards (may be painted by customer or (at extra costs) by Effertz.
- Self-monitoring safety contact strip at the bottom of the panel (no helix supply cable).
- Side guides with fire protective cover.
- All steel parts galvanized or protected by a single coating of primer.
- Electrical drive 3/N/PE ~ 400 VAC 16 A, 50 Hz, with self-closing device to close the door without electrical power in case of alarm at a limited speed of approx. 10 - 15 cm/s (gravity failsafe).
  The door will be reset to normal operation automatically (after end of alert).
- Drive chain with a safety factor of 6.
- Safety arrestor in accordance with EN 12604.
- Release device with backup battery to hold open the door in case of failure of main power supply for some time.
- Optical smoke detectors (2 per 4 m width).
- Siren with flasher being triggered automatically in case of a fire alarm (acc. to EN 12604).
- Control unit with display for door status indication.
- Manual emergency release and key contact switch, prepared for profile half-cylinder.
- Dead man's control
  (self-hold to open possible for door height > 2,50m).

Optional smoke control S_a

- Sealing in the side-guides and at the top edge to retard the spread of smoke.

Notes

The wall to which the door is attached must have at least the same fire resistance classification time as the door (e.g. REI60).

In addition, it must be able to carry the loads applied by the door also under fire conditions (to be verified by customer).

Possible wall types are for example:

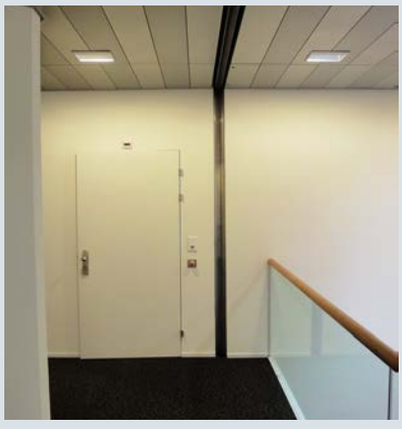
- concrete or reinforced concrete
- masonry
- AAC masonry units
- clad steel resp. wooden supports
- steel resp. wooden stud wall with gypsum plasterboards

As this fire door may not be opened by hand you might need an additional emergency pedestrian door.

University

Retail in the airport

Industry



Office

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