

Technical specifications

- i Door 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 on right-hand side, 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).
1 push button for manual emergency release.
1 key contact switch, prepared for profile half-cylinder.
Dead man's control (self-hold to open possible for door height > 2,50m).
Documentation in English or German in accordance with Effertz documentation standard on CD-ROM.



Optional smoke control

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

Notes

Environment temperature range: -20°C up to +50°C.

The wall to which the door is attached must have at least the same fire resistance classification time as the door (e.g. REI 120).

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

Acceptable wall types are, for example:

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

If the door may not be operated by hand you might need an emergency pedestrian door.

The raw surface of the fire boards may be visible also after painting.

