

Smoke control curtain
SC310 C3 S₂₀₀

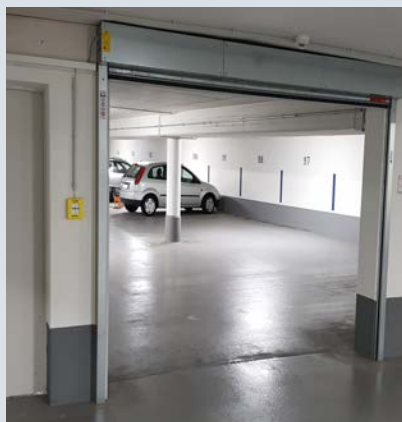
CE-marking according to EN 13241 and EN 16034



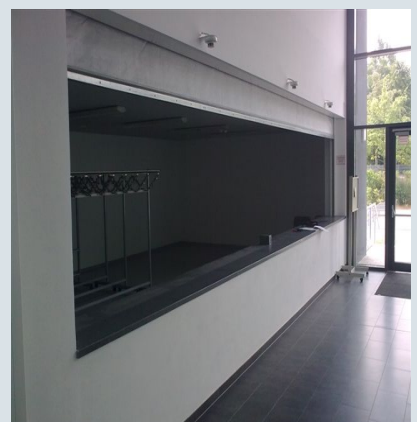
Airport



Reception



Underground car park



Cloakroom

Automatic smoke control rolling door with fabric curtain type SC310, classification C3 S₂₀₀ acc. to EN 13501-2 and EN 16034.

Meeting the relevant requirements of the European product standard EN 13241. Declaration of Performance and CE-marking according to EN 13241 and EN 16034.

Technical specifications

- Curtain consisting of a woven reinforced glass fibre fabric, coiling onto a prime-painted steel barrel, with integrated side and lintel sealings.
- Side guides made of hot-galvanized steel.
- Sealing of bottom bar by hollow rubber profile.
- Drive: extended features tubular drive 230 V AC, 50 Hz, short-term duty S2: 4 min.
Opening/closing speed approx. 10 cm/s.
- With control unit (hold-open device) for fire detectors and potential-free break contact for remote release.
- Self-closing of the curtain without electric power only by gravity even if the control box is disconnected (gravity failsafe).
- Incl. optical smoke detectors, 2 per 4 m width.
- Siren with flasher integrated in the control unit being triggered automatically in case of a fire alarm.
- Emergency release and UP-DOWN foil keyboard, integrated in the control box.
- Dead man's control to open and to close.

Notes

As the door may not be opened by hand you might need an additional emergency door. The rolling door is designed for low-draft indoor applications (air velocity < 1 m/s during the entire closing and opening process).

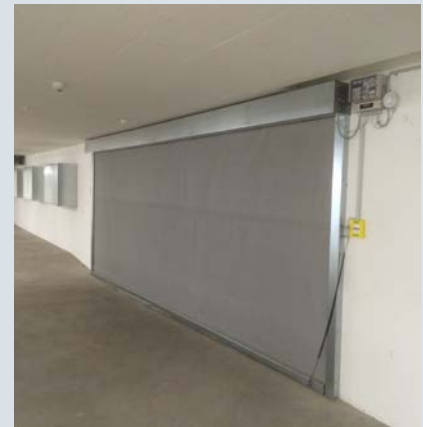
Please also take this into account when using a smoke exhaust system.

The wall to which the door is attached must have at least 30 min fire resistance classification time (e.g. REI30).

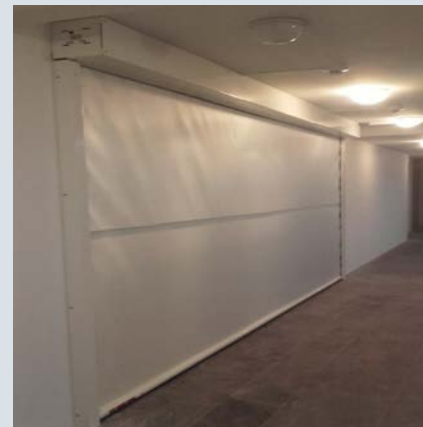
In addition, it must be able to carry the loads applied by the door also under fire conditions (to be verified by customer).

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



Underground car park



Public building



Industry



Details