

Fibreklam® TR combined Fire-Resistant and Radiation-Reducing Curtain

Advantages

- Guarantee of no break-through of fire within 60 minutes (E 60) and reduction of radiation for 60 minutes (W60) in accordance with EN 1634-1 and classified according to EN 13501-2 (EW60), as well as durability tested (10,000 opening / closing cycles) in accordance with DIN 4102-18.
- For safety (optional): a function-monitored safety contact edge.
- Battery supply to guarantee proper functionality even in the event of a power failure lasting several hours.
- Lightweight construction, thus reduced strain on the structural integrity of the components to which the curtain / door is to be attached (e.g. in older parts of buildings).
- The fire protection curtain closes without power ("gravity failsafe").
- Product ready to plug in for speedy installation and taking into service.

Important Notes for Fire-Resistant Curtains

It is unwise to use fire-resistant curtains as normal everyday doors for frequent use, as fire-resistant curtains only open very slowly, and should only be operated at most three times an hour. Effertz recommends in such cases a combination of a fire-resistant curtain which remains open all the time and a standard roller door,

which is opened and closed as required. If a number of fire-resistant curtains are hung next to each other, the customer must clarify whether the curtains are to close independent of each other, or whether they should all close at the same time, actuated by a fire alarm or a combined control, which can be supplied by Effertz as

accessory. In case of suspended ceilings, inspection flaps or removable ceiling panels of sufficient size must be provided to enable inspections, maintenance works and repairs to be carried out.

Requirements on Site

The opening must comply with the following requirements, so that the curtain can be installed in accordance with the survey:

- Lintel clearance height at least 225 mm
- Free space at the sides at least 130 mm
- Free space in front of the doorway to the first obstruction approx. 1 metre
- Walls and lintel level and on one level, of concrete (minimum thickness 100 mm), brickwork (minimum thickness 240 mm) at least strength class 12 MN/m² or expanded concrete wall (minimum thickness 240 mm) with reinforced concrete lintel.
- Floor horizontal, of non-flammable material
- Provision of an electrical supply 230 V AC 16 A in the immediate vicinity of the drive.
- Fire-resistant curtains do not open in the direction of an

escape route, so that it may be necessary to provide an additional emergency escape door.



NEW

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combined Fire-Resistant and Radiation-Reducing Curtain

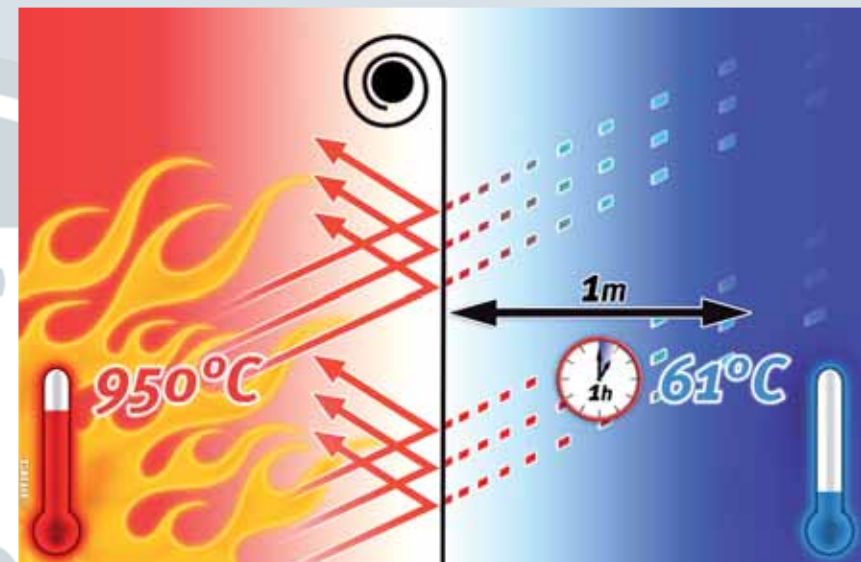
Tested according to EN 1634-1
Classification E60 and EW 60
according to EN 13501-2



During fire test



Warehouse



After 1 hour, only 61°C at a distance of 1 metre (schematic representation)

