

Fire Door F-S-SA GRP

Holder/Issued to

Dortek AB

Box 1510, 271 00, Ystad, Sweden

Product description

Fire door F-S-SA GRP, single leaf doorset made of glass fibre reinforced plastics with insulation of vermiculite, with or without glass pane, frame of stainless steel or glass fibre reinforced plastics, maximum door size W×H 10×21M. Fire resistance class EI 45/E 60.

The glass pane is made of two 6mm tempered glass panes on each side of 5 mm Firelite fire glass, maximum size of glass opening is W×H 400×600 mm. Mechanical threshold type Planet FT-FH+RD/48dB or Lorient 8010 SI, or open gap of maximum 5 mm at the bottom of the door. The door shall be equipped with a lock with a latch bolt, which is not possible to unbolt, and which engage into the strike plate at least 10 mm. The material in the latch bolt, and other parts in the lock, shall be made of steel or an alloy with melting point over 850°C.

The door can also be equipped with a door closer and Roca cable transfer.

Intended use

Fire separating internal door in buildings.

Trade name

Fire door F-S-SA GRP

Approval

The product satisfies the requirements set forth in chapter 8, 4 § 2 PBL, in respect to and under conditions stated in this type approval, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR), issued by the National Board of Housing, Building and Planning.

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| Reaction to fire class F according to EN 13501-1 | 5:231 |
| Fire resistance class EI 45*/E 60* | 5:231 |
| Fire resistance class E 60** | 5:231 |

* Valid for doors without a glass pane.

** Valid for doors with a glass pane.

Associated documents

Dortek's Installation Manual for doors with frame of stainless steel, Ver. 3, dated 2021-01-10.

Dortek's Installation Manual for doors with frame of glass fibre reinforced plastics, Ver. 4, dated 2021-01-10.

Control

The factory production control (FPC) is monitored by an independent inspection body.

Control plan: Ref no. 210-17-0182 dated 2020-09-14, Inspection body: RISE

When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this type approval and associated documents. Further the product shall be accompanied by a manufacturer's assurance, certifying that the product has been manufactured in accordance with the documents on which this type approval is based.


Manufacturing place

Production control includes the following place:

Dortek AB, Södra Dragongatan 26 B, Ystad, Sweden

Marking

The product is to be marked at the factory. The marking consists of a sign/label on every door supplied and includes:

| | |
|--|--|
| Holder | Dortek AB |
| Manufacturing place | Ystad |
| Product type designation | F-S-SA GRP |
| Consecutive manufacture no./date of production | no./date |
| Type approval number | SC0291-18 |
| Properties | e.g. EI 45 |
| Boverket's registered trade mark |  |
| RISE Accreditation number | 1002 |
| Certification body and Inspection body | RISE |

Basis for approval

Reports no. 190569 from Exova, England and no. 12-V-049 from Efectis, France.

Drawings according to list of drawings dated 2018-10-17.

Comments

Associated documents shall accompany the product or by other means be available to users of the product.

This type approval supersedes the previous type approval with the same number dated 2018-10-17.

Validity

Valid through 2028-06-20.

The validity of this type approval can be verified at RISE homepage.

The validity of this type approval expires when the type approved product with the intended use according to this type approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.



Stefan Coric

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish original shall take precedence.

Type Approval SC0291-18 | issue 3 | 2023-06-21

RISE Research Institutes of Sweden AB | Certification