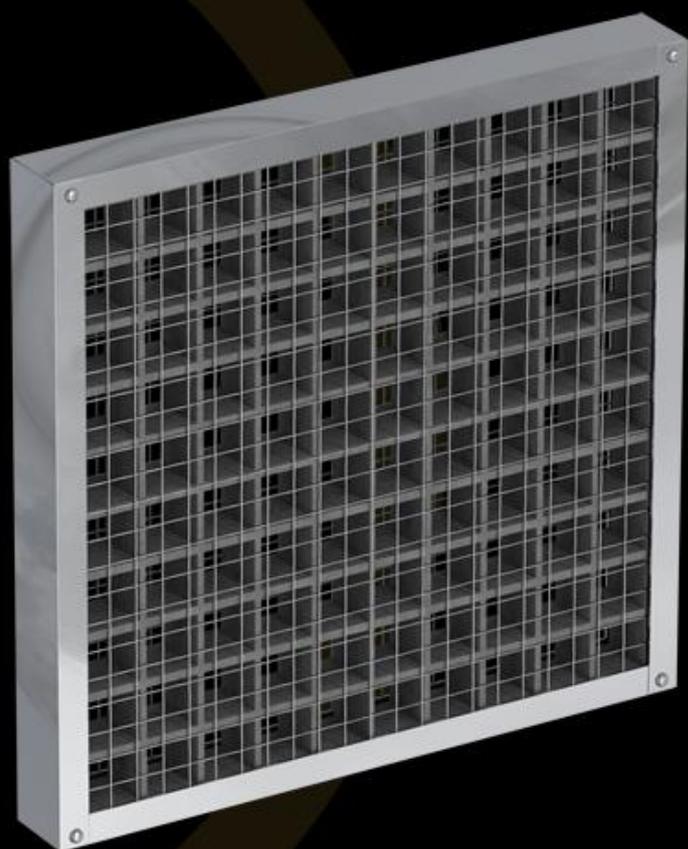


INTU FR GRILLE DS

Intumescent FR Grille for doors

TDS Technical Data Sheet



INTUSEAL®
passive fire protection manufacturer

www.intuseal.com

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→ PRODUCT DESCRIPTION

Firestop ventilation grilles **INTU FR GRILLE DS** are made from material that expands under the influence of temperature above 140°C. Intumescent inserts close the ventilation holes during a fire, preventing the spread of flame and smoke.

- fire resistance up to 60 minutes
- air flow up to 80%
- maximum dimensions single rectangular grille 1000 x 1000 [mm]
- not standard sizes

→ APPLICATION

INTU FR GRILLES DS are installed in the ventilation holes in doors. The material swelling during a fire fills the hole completely, preventing flame and smoke from entering adjacent rooms.

Application conditions for **INTU FR GRILLE DS** – max. ambient temp: 70°C

→ INSTALLATION METHOD

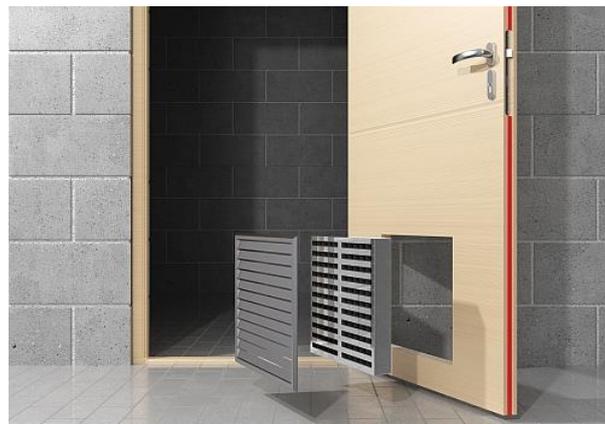
1. Adjust the size of the grille to the size of the hole.
2. Apply a small amount of intumescent acrylic mastic (e.g. **INTU FR MASTIC**) to the grille along its edge.
3. Push the grille into the hole.
4. Fill the remaining gaps and cavities with intumescent acrylic mastic (e.g. **INTU FR MASTIC**)
5. Fasten the masking plates (e.g. **INTU ATP**) on both sides of the partition using steel screws.

→ TRANSPORT AND STORAGE

Store in dry and cool conditions at temperatures between +5°C and +25°C.

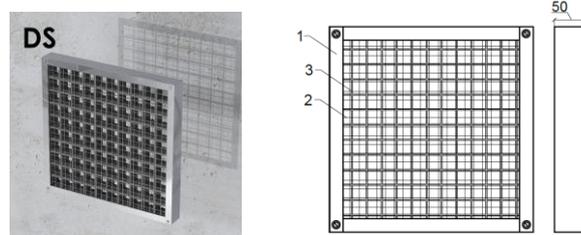
→ COMPLIANCE

- Reference standard: ETAG 026-4
- Fire classification: 01245/18/Z00NZP
- TDS
- SDS



→ AVAILABILITY

- Intumescent FR GRILLE for doors:



- 1 – metal casing, 2 – steel wire mesh,
3 – intumescent insert (dimensions in mm)

INTU FR GRILLE DS	
Dimensions	100 x 100 mm ÷ 1000 x 1000 mm
Thickness	50 mm
Fire resistance	Max. EI 60

→ SOLUTION DETAIL

