

INTU FR GRILLE DP

Intumescent FR Grille for doors

TDS Technical Data Sheet



Max. EI 120

INTU FR GRILLE DP

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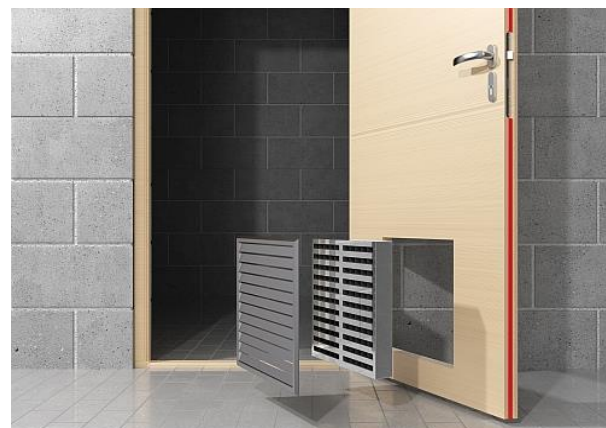
TDS Technical Data Sheet

INTUSEAL
passive fire protection manufacturer

→ PRODUCT DESCRIPTION

- fire resistance up to 120 minutes
- air flow up to 80%
- maximum dimensions single rectangular grille 600 x 600 [mm]
- not standard sizes

Firestop ventilation grilles **INTU FR GRILLE DP** 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.



→ APPLICATION CONDITIONS

Maximum ambient temperature:

INTU FR GRILLE DP: 40 °C

→ APPLICATION

INTU FR GRILLE DP 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.

→ TRANSPORT AND STORAGE

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

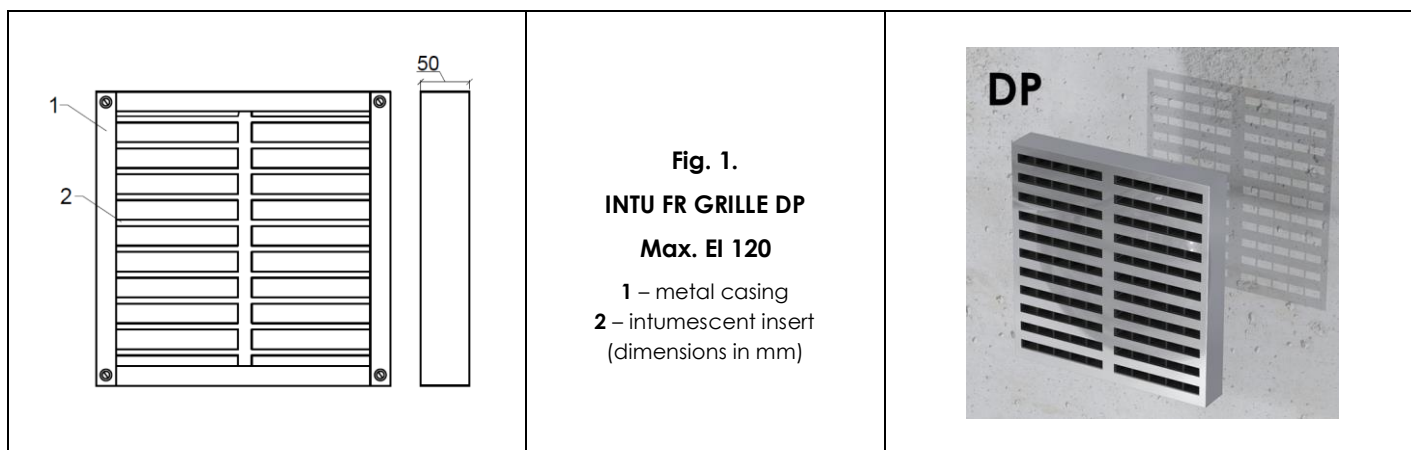
→ COMPLIANCE

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

→ 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.

→ DIAGRAMS



➔ AVAILABILITY, FIRE RESISTANCE CLASS

INTU FR GRILLE DP	
Grille dimensions	100 x 100 mm ÷ 600 x 600 mm
Grill thickness	50 mm
Fire resistance	Max. EI 120

➔ SOLUTION DETAILS

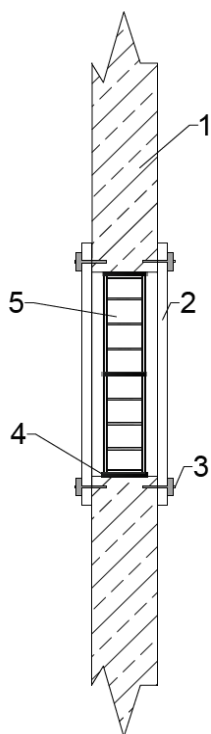


Fig. 2. Door cross-section

- 1 – door
- 2 – masking plate **INTU ATP**
- 3 – steel screws
- 4 – intumescent acrylic mastic e.g. **INTU FR MASTIC**
- 5 – intumescent **INTU FR GRILLE DP**