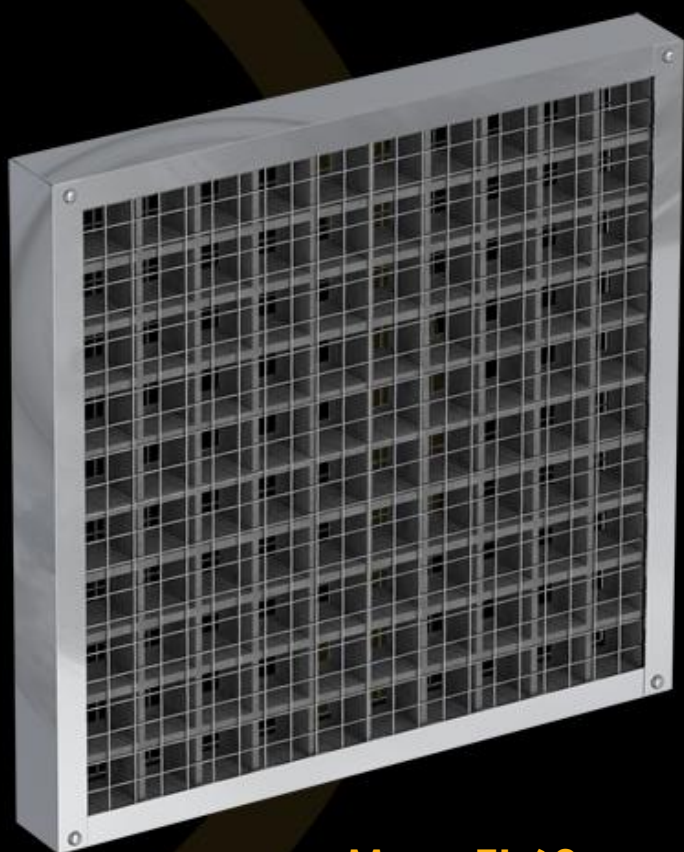


INTU FR GRILLE DS

Intumescent FR Grille for doors

TDS Technical Data Sheet



Max. EI 60

INTUSEAL®
passive fire protection manufacturer

www.intuseal.com

INTU FR GRILLE DS

Intumescent FR Grille for doors

TDS Technical Data Sheet

→ PRODUCT DESCRIPTION

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

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.



→ 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.

→ COMPLIANCE

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

→ APPLICATION CONDITIONS

Maximum ambient temperature:

INTU FR GRILLE DS: 70 °C

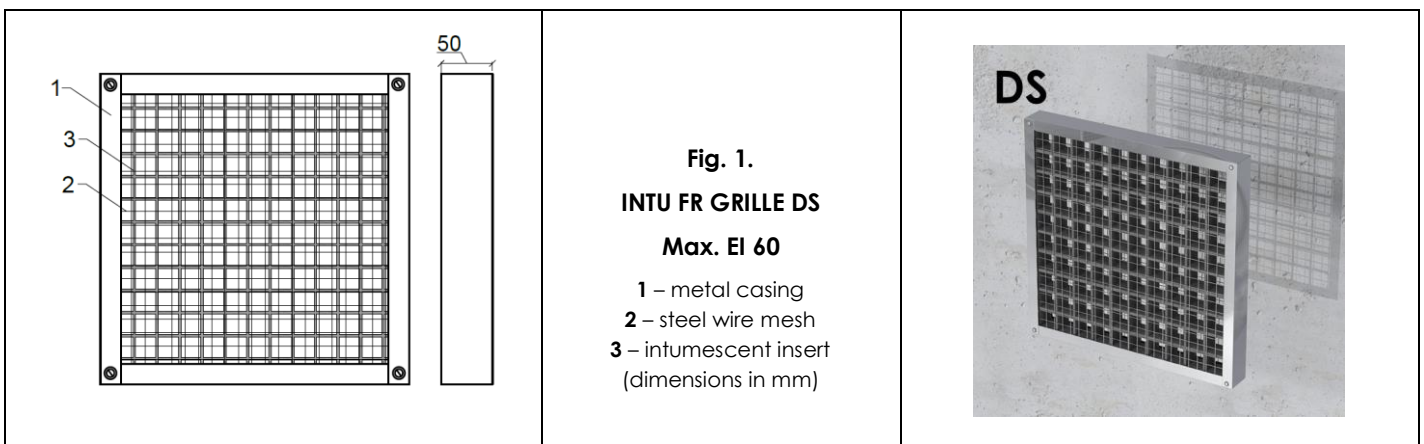
→ TRANSPORT AND STORAGE

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

→ DIAGRAMS



➔ AVAILABILITY, FIRE RESISTANCE CLASS

INTU FR GRILLE DS	
Grille dimensions	100 x 100 mm ÷ 1000 x 1000 mm
Grill thickness	50 mm
Fire resistance	Max. EI 60

➔ SOLUTION DETAILS

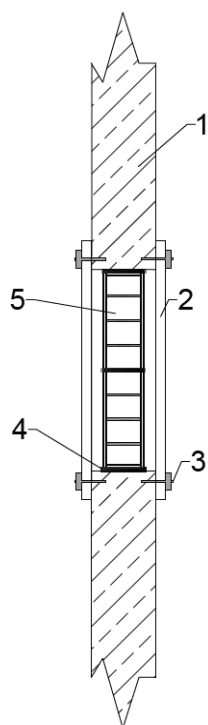


Fig. 2. Door cross-section

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