



Serie **INTU FR** **GRILLE**



INTUMESCENT GRILLE
EI240



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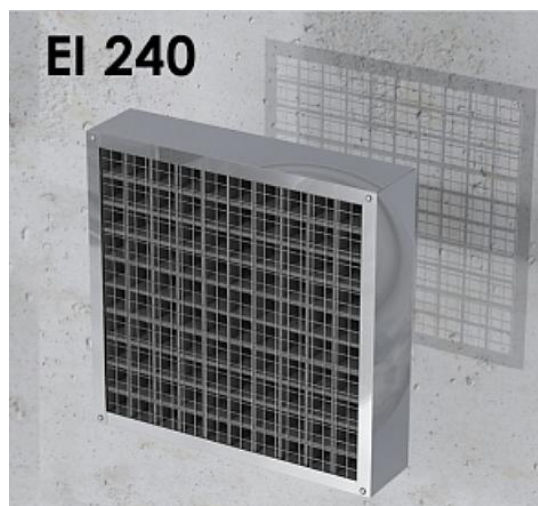
Avd. del Cno de lo Cortao, 28A, Nave 1
28703 San Sebastián de los Reyes, Madrid.

INTUMESCENT GRILLE SERIES INTU FR GRILLE

DESCRIPTION

The intumescent ventilation grille “**INTU FR GRILLE**” consists of graphite-based blades and an outer metal frame. In the event of a fire, the graphite blades expand at temperatures of 140°C or higher, sealing off the opening. It guarantees protection against flames and gases in the event of a fire.

- Fire resistance: 240 minutes.
- Open area up to 80%.
- Maximum size:
 - ✓ Rectangular grille: max. 300x300 mm (EI240).
- EI240 rating with 2 flat grilles (one on each side).



APPLICATION

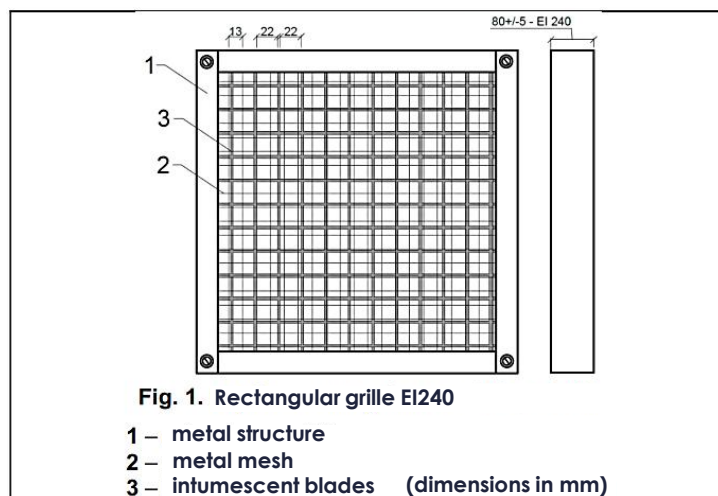
- **INTU FR GRILLES** are installed as fire-rated ventilation grilles in walls and floor slabs.
- **Rigid wall:** The wall must be at least 150 mm thick and made of concrete, aerated concrete, or a block structure with a minimum density of 600 kg/m³.
- **Forged (reinforced concrete):** The reinforced concrete must be at least 150 mm thick and made of concrete, aerated concrete, or a block structure with a minimum density of 1,700 kg/m³.



CERTIFICATIONS

- Certification Standards: ETAG 026-4
- DoP 11/2019
- Fire classification 01245/18/Z00NZP

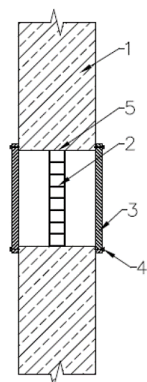
FIRE RESISTANCE RATINGS AND CLASSIFICATIONS



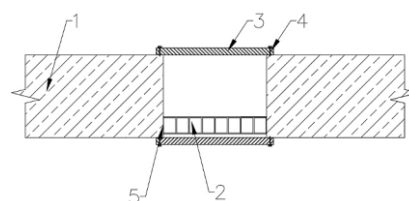
EI240 RECTANGULAR : CERTIFIED DIMENSIONS

H \ L	100	150	200	225	250	300
100	INGRR240 100X100	INGRR240 150X100	INGRR240 200X100	INGRR240 225X100	INGRR240 250X100	INGRR240 300X100
150		INGRR240 150X150	INGRR240 200X150	INGRR240 225X150	INGRR240 250X150	INGRR240 300X150
200			INGRR240 200X200	INGRR240 225X200	INGRR240 250X200	INGRR240 300X200
225				INGRR240 225X225	INGRR240 250X225	INGRR240 300X225
250					INGRR240 250X250	INGRR240 300X250
300						INGRR240 300X300

DETAILS OF CERTIFIED SOLUTIONS



1. Wall
2. INTU FR GRILLE
3. Flat grille
4. Screws
5. Intumescent sealant



1. Reinforced Concrete
2. INTU FR GRILLE
3. Flat grille
4. Screws
5. Intumescent sealant

IMPLEMENTATION

1. Apply a bead of intumescent sealant along the edges of the grille around the entire perimeter.
2. Place the grille in the opening.
3. Finish sealing the gaps along the perimeter with intumescent sealant.
4. Place a flat grille on each side of the partition.

TRANSPORTATION AND STORAGE

Store in a cool, dry place at a temperature between +5°C and +25°C.



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