

Non-vision fire-resistant ventilation grids E 120'

Description

Fire-resistant ventilation E 120', thickness 40mm, grids are developed to allow free movement of air at room temperature through construction, while providing effective protection from flames, fumes and gas in the event of fire. When the gates are exposed to fire, they swell under the influence of heat and prevent flames, fumes and gas from moving from one place to another.



Characteristics

Intumescent grids react at low temperatures (from 100dgC°). The grids breathe (allow air to pass) for 3 minutes depending on heat exposure). They consist of thermoplastic sheaths filled with intumescent bands. The gates allow ventilation through fire-resistant doors, walls and partitions.



- Easy to install.
- For indoor application only

The grids are simply sealed with plaster or silicone in the walls if the available reserve is less than 5mm.

Our Ei fire-resistant ventilation grids are tested according to European standards EN1366-3:2009, EN1364-1:2015 in FprEN1364-5:2017



Classification fire-resistante grids Ei

Fire test : WarringtonFireGent nr. 15248 & 18489

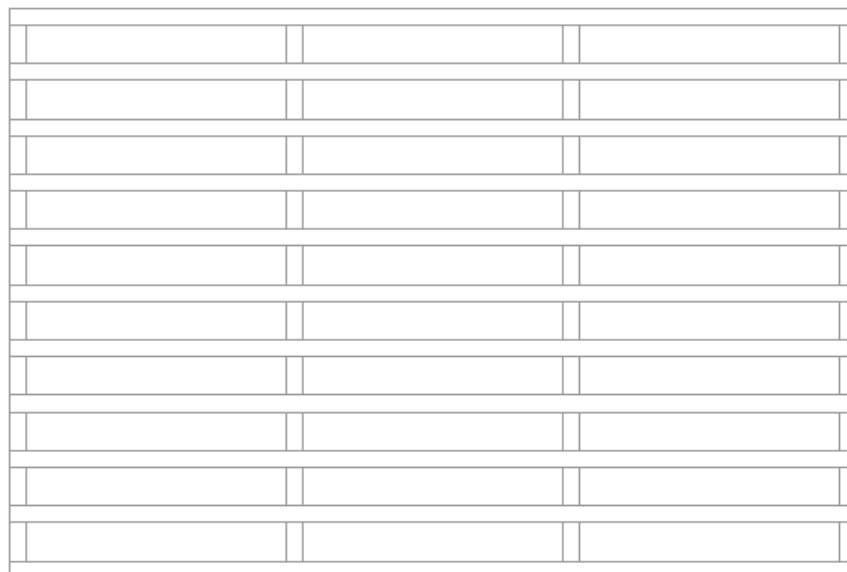
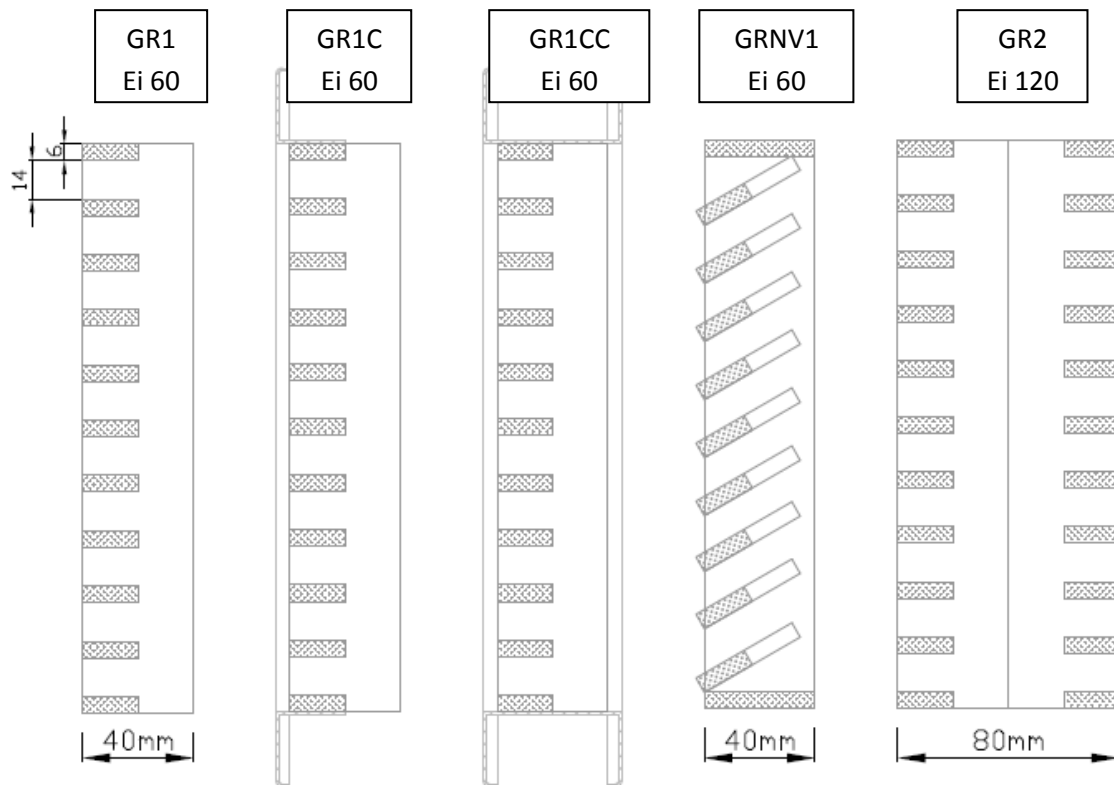
Dimensions	EI	E	$\Delta T_m = 140^\circ \text{C}$	$T_M = 180^\circ \text{C}$
400 x 200 x 40	60'	132'	74'	75'
700 x 400 x 40	60'	132'	62'	61'
Ø 160 x 40	60'	132'	76'	74'
No vision 400 x 200 x 40	60'	132'	85'	77'
700 x 400 x 80	120'	120'		120'
Ø 315 x 40	60'	120'		81'

E : Ability to prevent flames

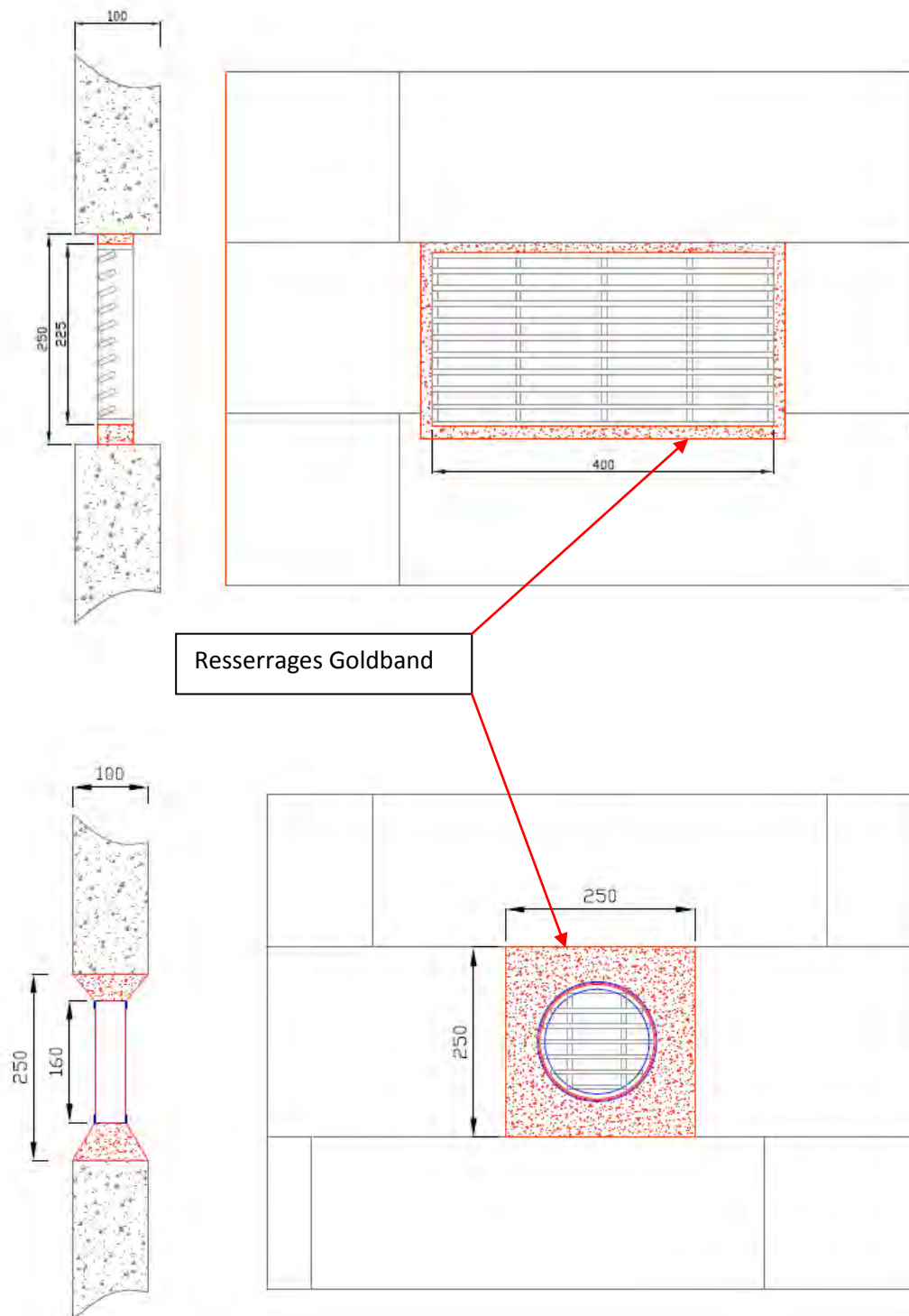
I : Isolation : ability to deduce heat transfer



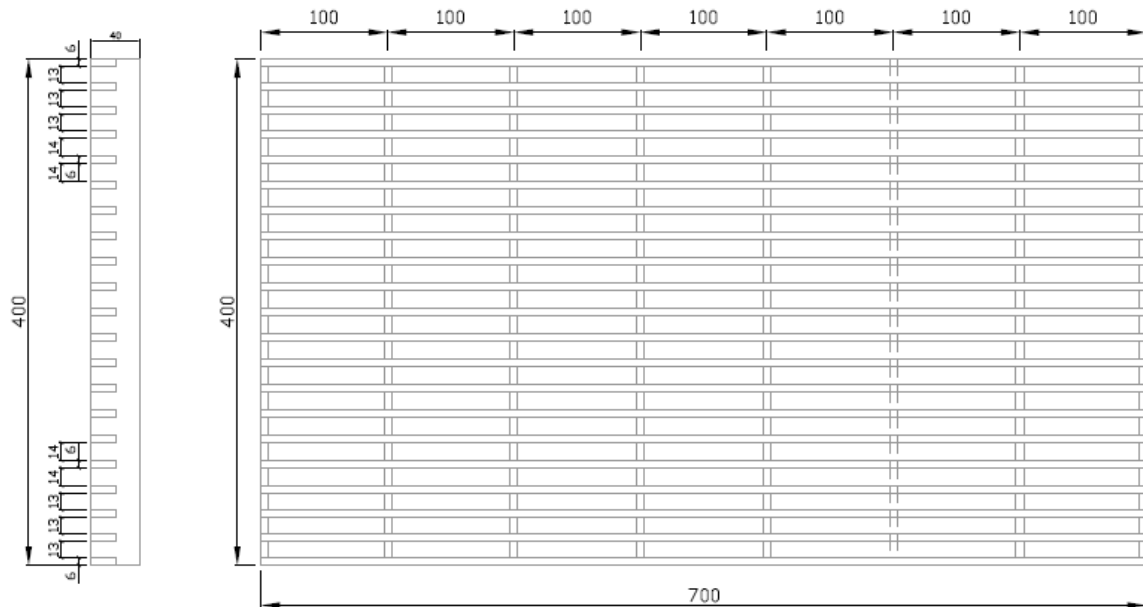
Fire-resistant ventilation grids Ei: cut/face



Placement Ei fire-resistant grids in a wall of 100



Placement Ei fire-resistant grids in a wall of 100



Resserrages Silicone

Resserrages Goldband