

Reference : C-28S29 8-8E TC

The Fixolite box is a 6 m long prefabricated lintel box designed to receive a closure (roller shutter, BSO, etc.). The box consists of an inverted U-shaped, fire-retardant expanded polystyrene (30 kg/m³ density) shell reinforced with steel mesh. The side walls are fitted with aluminum rails.

High Insulation model box. This high insulation box is today the most efficient lintel box and is particularly suited to the thermal requirements of the market.

| | |
|------------------|--|
| Type | 28S29 |
| Outer rail ref. | 827 |
| Inner rail ref. | 8E |
| Color | Blue polystyrene |
| Compatible cheek | J-28 |
| Certification | CSTB 16-11-634 (translated) |

Thermal conductivity U = 1.14 W/m².K

Thermal resistance* R = 0.88 m².K/W

(*) R: thermal resistance (m².K/W) taking into account a λ coefficient of 0.0374 W/m.K after application of a safety coefficient of 1.15.

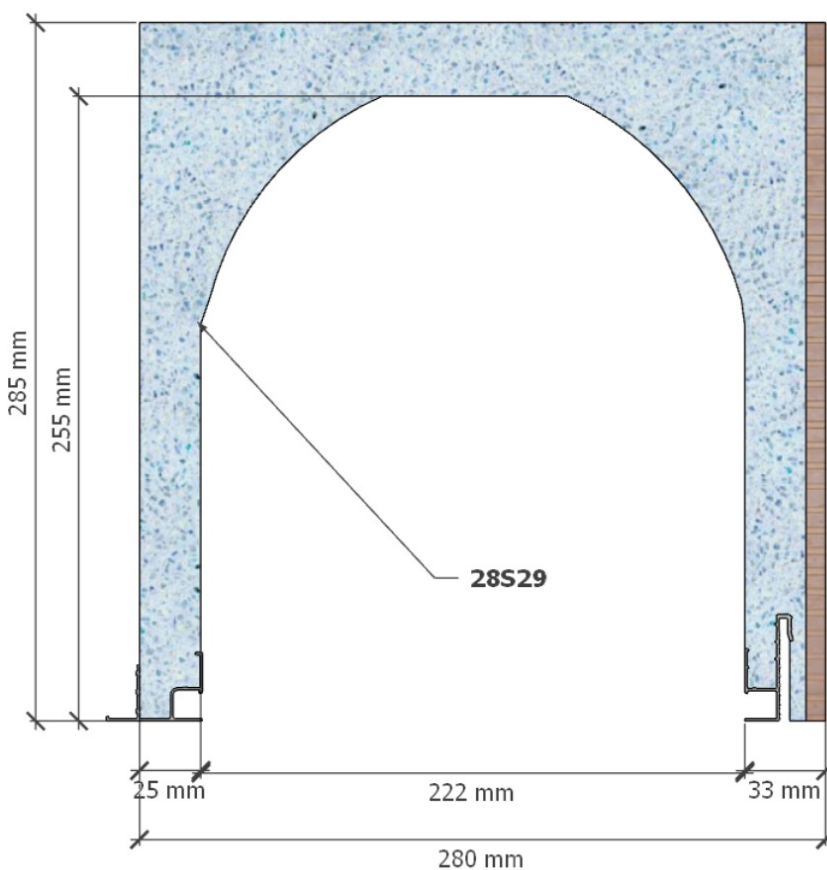
| | |
|-----------------------------------|------------------------------------|
| Weight | 6.24 kg/m |
| Reaction to fire | class E (EN ISO 11925-2/EN 13 501) |
| Air permeability | c*3 class |
| Acoustic perf. (Dn _W) | 55 dB |

Box dimensions

| | |
|---------------|--------|
| Width | 280 mm |
| Height | 285 mm |
| Tunnel | 222 mm |
| External side | 33 mm |
| Internal side | 25 mm |

Components

| | |
|---------------------------|------------------|
| Brick (terracotta) | 4.06 kg/m |
| Aluminium (recycl. 85%) | 0.6 kg/m |
| Steel (recycl. 96.5%) | 0.76 kg/m |
| Polystyrene (recycl. 10%) | 0.82 kg/m |
| Total | 6.24 kg/m |



Sides finishing

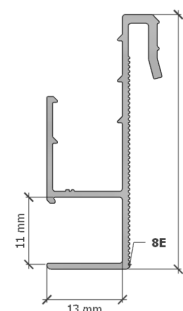
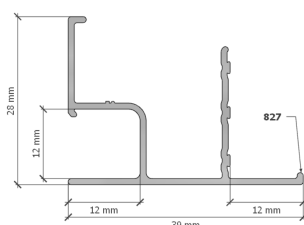
External side
Brick (terracotta)



Internal side
Ribbed or structured polystyrene



Rail diagram



English version Version française



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