

## Reference : C-28S29 8-8L 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/m<sup>3</sup> 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.  | 8L   |
| Color            | Blue polystyrene                               |
| Compatible cheek | J-28   |
| Certification    | <a href="#">CSTB 16-11-634</a><br>(translated) |

Thermal conductivity U = 1.14 W/m<sup>2</sup>.K

Thermal resistance\* R = 0.88 m<sup>2</sup>.K/W

(\* ) R: thermal resistance (m<sup>2</sup>.K/W) taking into account a  $\lambda$  coefficient of 0.0374 W/m.K after application of a safety coefficient of 1.15.

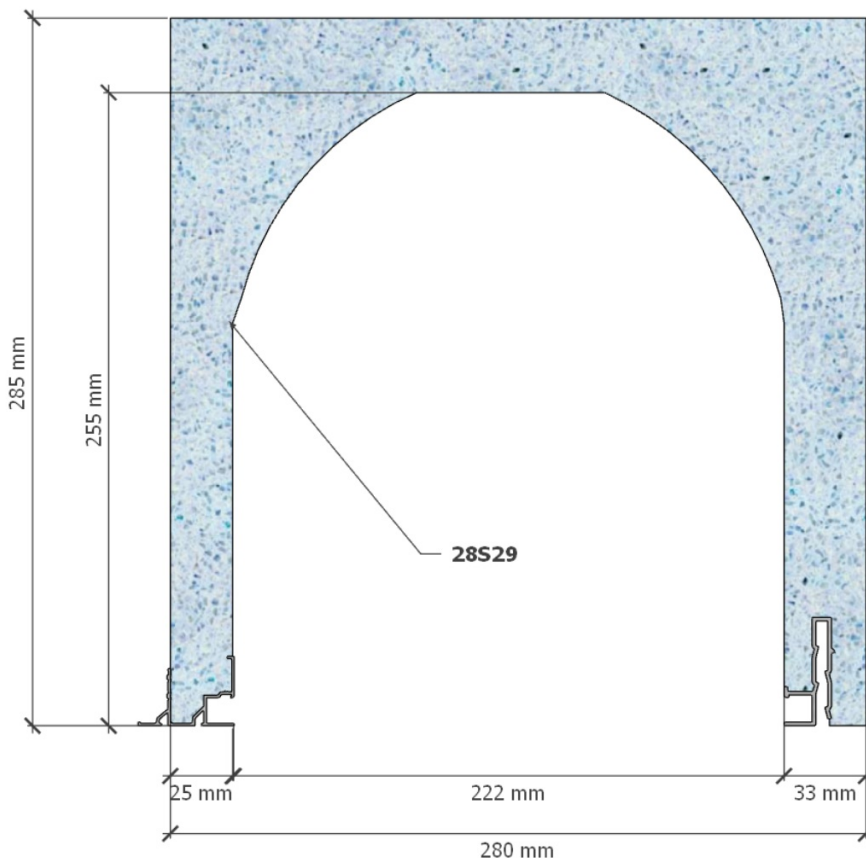
|                                   |                                    |
|-----------------------------------|------------------------------------|
| Weight                            | 6.19 kg/m                          |
| Reaction to fire                  | class E (EN ISO 11925-2/EN 13 501) |
| Air permeability                  | c*3 class                          |
| Acoustic perf. (Dn <sub>W</sub> ) | 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%)   | 0.56 kg/m        |
| Steel (recycl. 96.5%)     | 0.76 kg/m        |
| Polystyrene (recycl. 10%) | 0.82 kg/m        |
| <b>Total</b>              | <b>6.19 kg/m</b> |



Box shown: C-28S29 8F-8R

### Sides finishing

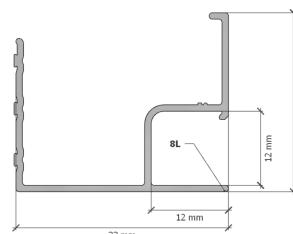
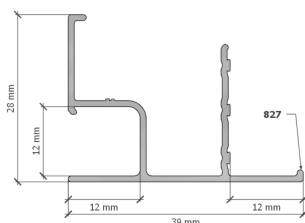
**External side**  
Brick (terracotta)



**Internal side**  
Ribbed or structured polystyrene



### Rail diagram



English version

Version française



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