

#### Reference : C-30H30 1-1

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.

#### Traditional model box

The most economical solution while still offering good performance.

Certified by a Technical Approval from CSTB.

Maximum length: 160 cm structural opening (184 cm overall).

Packaging: pack of 28 (or 56) boxes, 6 ml each.

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Type                 | 30H30                                             |
| Outer rail ref.      | 1                                                 |
| Inner rail ref.      | 1                                                 |
| Color                | Blue polystyrene                                  |
| Compatible cheek     | J-30                                              |
| Certification        | <a href="#">CSTB 16-11-634 (translated) [PDF]</a> |
| Thermal conductivity | $U = 0.75 \text{ W/m}^2\cdot\text{K}$             |
| Thermal resistance*  | $R = 1.33 \text{ m}^2\cdot\text{K/W}$             |

(\*) 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.

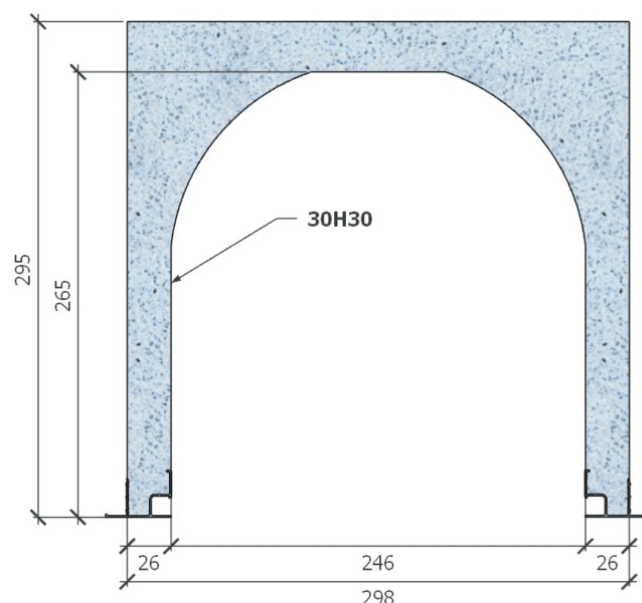
|                                   |                                    |
|-----------------------------------|------------------------------------|
| Weight                            | 1.94 kg/m                          |
| Reaction to fire                  | class E (EN ISO 11925-2/EN 13 501) |
| Air permeability                  | c*3 class                          |
| Acoustic perf. (Dn <sub>W</sub> ) | 55 dB                              |

#### Box dimensions

|               |        |
|---------------|--------|
| Width         | 298 mm |
| Height        | 295 mm |
| Tunnel        | 246 mm |
| External side | 26 mm  |
| Internal side | 26 mm  |

#### Components

|                           |                  |
|---------------------------|------------------|
| Aluminium (recycl. 85%)   | 0.47 kg/m        |
| Steel (recycl. 96.5%)     | 0.76 kg/m        |
| Polystyrene (recycl. 10%) | 0.71 kg/m        |
| <b>Total</b>              | <b>1.94 kg/m</b> |



#### Sides finishing

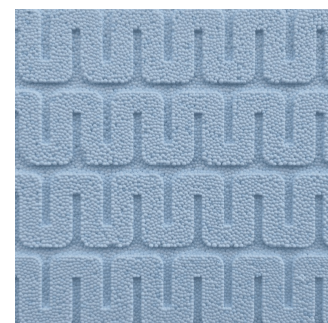
##### External side

Ribbed polystyrene

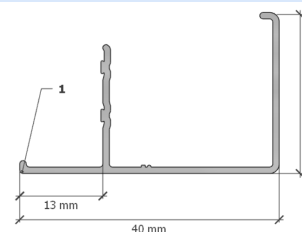
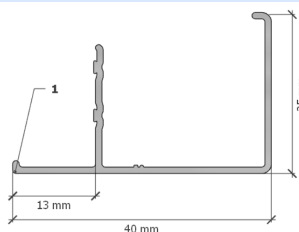


##### Internal side

Ribbed polystyrene



#### Rail diagram



English



Français



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Check out our [installation instructions \[PDF\]](#) and [general documentation](#)