

#### Reference : C-22H25 8-1

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.** This box is the most economical and offers good performance. The box is certified by Technical Advice to the CSTB.

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Type                 | 22H25                                             |
| Outer rail ref.      | 827                                               |
| Inner rail ref.      | 1                                                 |
| Color                | Blue polystyrene                                  |
| Compatible cheek     | J-22                                              |
| Certification        | <a href="#">CSTB 16-11-634 (translated) [PDF]</a> |
| Thermal conductivity | U = 1.49 W/m <sup>2</sup> .K                      |
| Thermal resistance*  | R = 0.67 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.

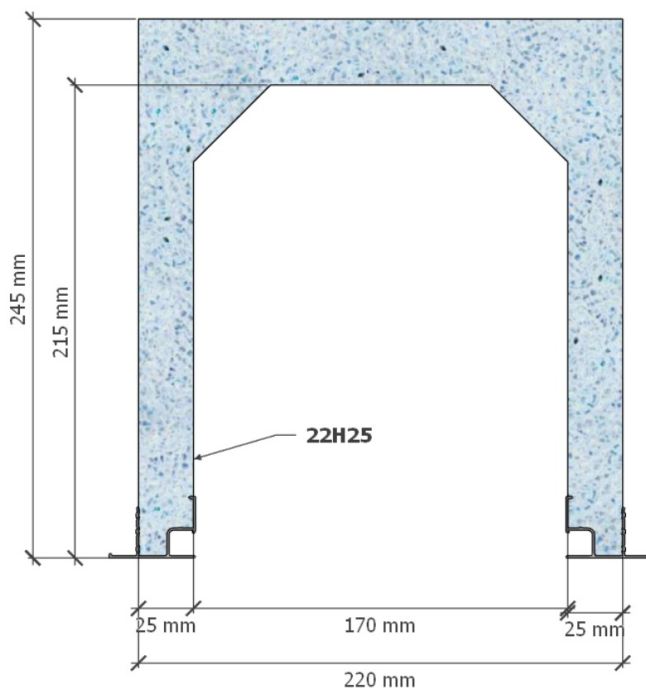
|                                   |                                    |
|-----------------------------------|------------------------------------|
| Weight                            | 1.74 kg/m                          |
| Reaction to fire                  | class E (EN ISO 11925-2/EN 13 501) |
| Air permeability                  | c*3 class                          |
| Acoustic perf. (Dn <sub>W</sub> ) | 55 dB                              |

#### Box dimensions

|               |        |
|---------------|--------|
| Width         | 220 mm |
| Height        | 245 mm |
| Tunnel        | 170 mm |
| External side | 25 mm  |
| Internal side | 25 mm  |

#### Components

|                           |                  |
|---------------------------|------------------|
| Aluminium (recycl. 85%)   | 0.52 kg/m        |
| Steel (recycl. 96.5%)     | 0.72 kg/m        |
| Polystyrene (recycl. 10%) | 0.5 kg/m         |
| <b>Total</b>              | <b>1.74 kg/m</b> |



Box shown: C-22H25 8-8

#### Sides finishing

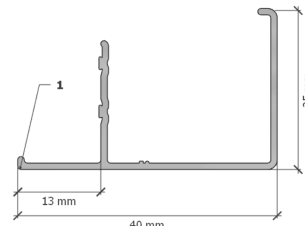
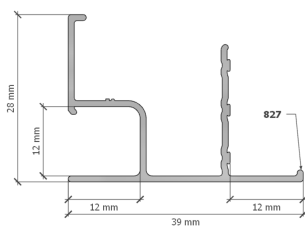
**External side**  
Ribbed polystyrene



**Internal side**  
Ribbed polystyrene



#### Rail diagram



English



Français



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