

## Reference : C-31S30 8-8R+F

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

The top-performing solution in the range, meeting demanding thermal requirements.

Certified by a Technical Approval from CSTB.

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

Packaging: pack of 28 (or 24) boxes, 6 ml each.

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Type                 | 31S30                                             |
| Outer rail ref.      | 827                                               |
| Inner rail ref.      | 8R                                                |
| Color                | Blue polystyrene                                  |
| Compatible cheek     | J-30                                              |
| Certification        | <a href="#">CSTB 16-11-634 (translated) [PDF]</a> |
| Thermal conductivity | U = 0.7 W/m <sup>2</sup> .K                       |
| Thermal resistance*  | R = 1.43 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.

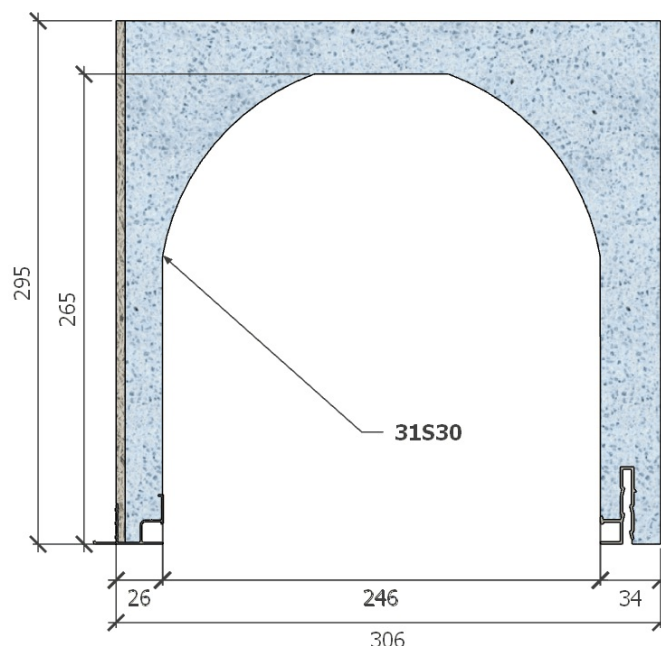
|                                   |                                    |
|-----------------------------------|------------------------------------|
| Weight                            | 3.68 kg/m                          |
| Reaction to fire                  | class E (EN ISO 11925-2/EN 13 501) |
| Air permeability                  | c*3 class                          |
| Acoustic perf. (Dn <sub>W</sub> ) | 55 dB                              |

### Box dimensions

|               |        |
|---------------|--------|
| Width         | 306 mm |
| Height        | 295 mm |
| Tunnel        | 246 mm |
| External side | 34 mm  |
| Internal side | 26 mm  |

### Components

|                           |                  |
|---------------------------|------------------|
| Wood-cement fiber         | 1.19 kg/m        |
| Aluminium (recycl. 85%)   | 0.78 kg/m        |
| Steel (recycl. 96.5%)     | 0.76 kg/m        |
| Polystyrene (recycl. 10%) | 0.95 kg/m        |
| <b>Total</b>              | <b>3.68 kg/m</b> |



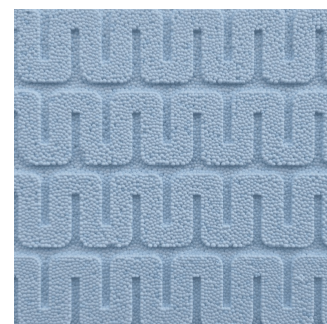
**Corner option [PDF]:** the rails 8R allow the addition of the sealing and fixing corner with the joinery. These 40x30 mm notched corners are available in packs of 100 pieces or inserted in the box.

### Sides finishing

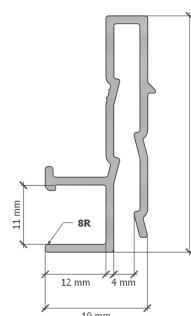
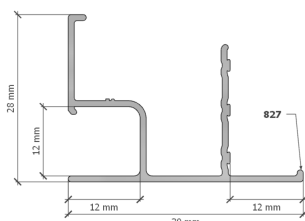
**External side**  
Wood-cement fiber



**Internal side**  
Ribbed polystyrene



### Rail diagram



English



Français



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