

Reference : C-R31S30 8-28FR 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/m³ density) shell reinforced with steel mesh. The side walls are fitted with aluminum rails.

Reinforced model box. This box is reinforced by 3 mm steel brackets, every 1.2 m and is intended for openings of more than 1.6 m. The box is certified by Technical Advice to the CSTB.

| | |
|----------------------|--|
| Type | R31S30 |
| Outer rail ref. | 827 |
| Inner rail ref. | 28FR |
| Color | Grey graphitized polystyrene |
| Compatible cheek | J-30 |
| Certification | CSTB 16-11-634 (translated) |
| Thermal conductivity | U = 1.1 W/m ² .K |
| Thermal resistance* | R = 0.91 m ² .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.

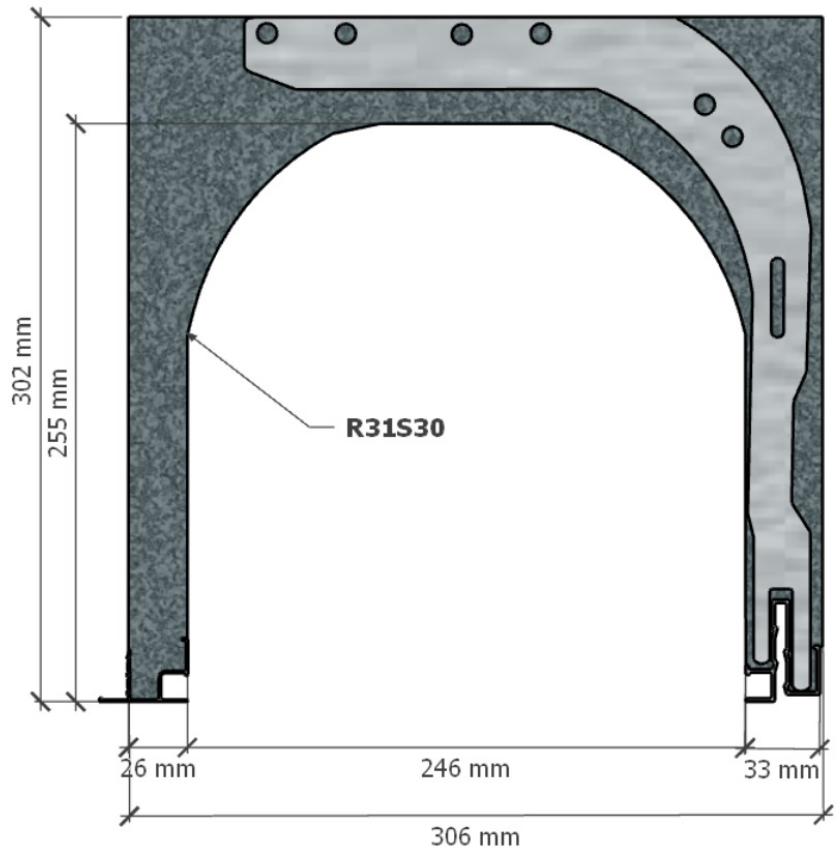
| | |
|-----------------------------------|------------------------------------|
| Weight | 4.11 kg/m |
| Reaction to fire | class E (EN ISO 11925-2/EN 13 501) |
| Air permeability | c*3 class |
| Acoustic perf. (Dn _w) | 55 dB |

Box dimensions

| | |
|---------------|--------|
| Width | 306 mm |
| Height | 302 mm |
| Tunnel | 246 mm |
| External side | 34 mm |
| Internal side | 26 mm |

Components

| | |
|---------------------------|------------------|
| Wood-cement fiber | 1.19 kg/m |
| Aluminium (recycl. 85%) | 0.92 kg/m |
| Steel (recycl. 96.5%) | 1.05 kg/m |
| Polystyrene (recycl. 10%) | 0.95 kg/m |
| Total | 4.11 kg/m |



Box shown: C-R31S30 8-28FR

Sides finishing

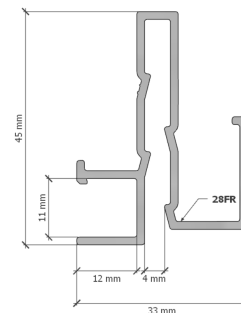
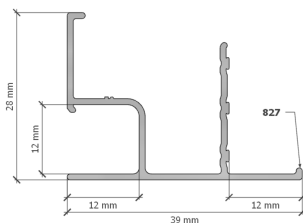
External side
Wood-cement fiber



Internal side
Structured polystyrene



Rail diagram



[English version](#) [Version française](#)



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