

#### Reference : C-R28S29 8F-28FR TC-NG

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.

**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.

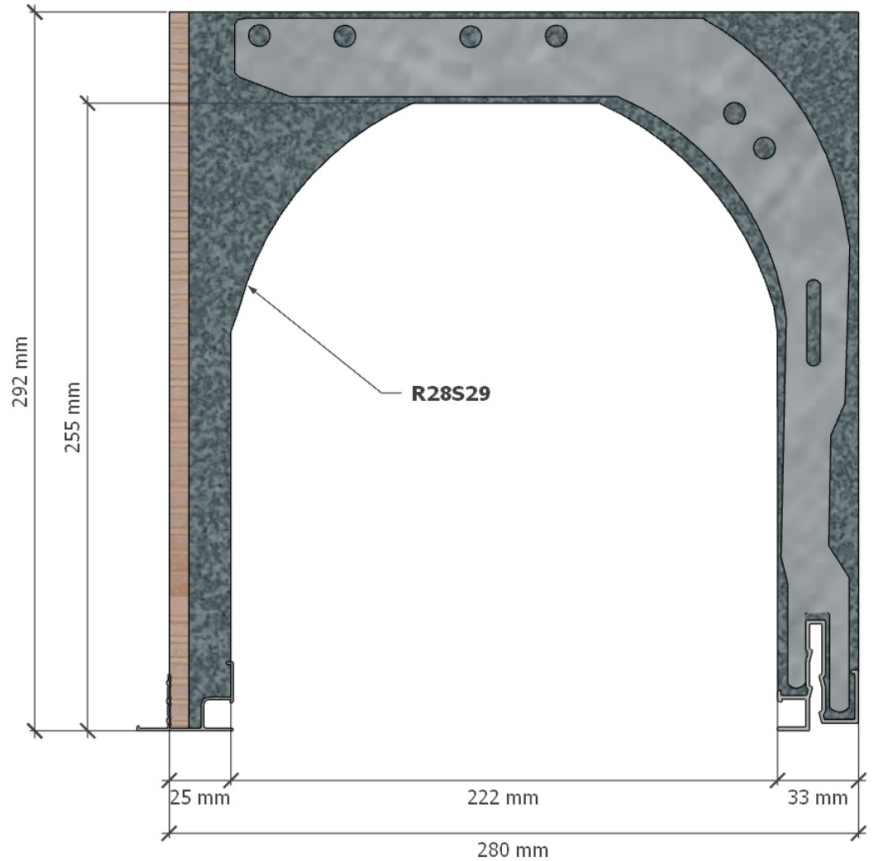
| Type   | R28S29   |
|--|--|
| Outer rail ref.  | 8F   |
| Inner rail ref.  | 28FR   |
| Finishing  | Brick (terracotta)                             |
| Color  | Grey graphitized polystyrene                   |
| Compatible cheek   | J-28   |
| Certification  | <a href="#">CSTB 16-11-634</a><br>(translated) |
| 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 λ coefficient of 0.0374 W/m.K after application of a safety coefficient of 1.15. |  |
| Weight   | 7.1 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  |
| Components   |  |
| Aluminium (recycl. 85%)  | 0.95 kg/m                                      |
| Steel (recycl. 96.5%)  | 1.01 kg/m                                      |
| Polystyrene (recycl. 10%)  | 0.82 kg/m                                      |
| Terracotta   | 4.32 kg/m                                      |
| Total  | 7.1 kg/m                                       |

#### Finishing (Brick (terracotta))



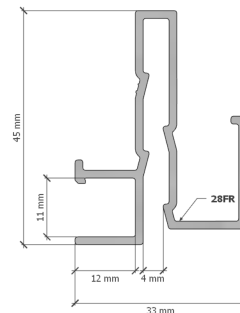
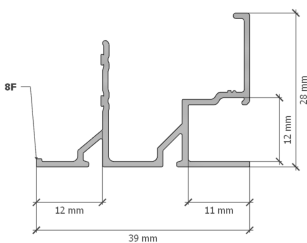
#### Box dimensions

|               |        |
|---------------|--------|
| Width         | 280 mm |
| Height        | 292 mm |
| Tunnel        | 222 mm |
| External side | 33 mm  |
| Internal side | 25 mm  |



Box shown: C-R28S29 8-28FR TC-NG

#### Rail diagram



English version:

[https://fixolite.eu/doc/C-R28S29\\_8F-28FR\\_TC-NG.en.pdf](https://fixolite.eu/doc/C-R28S29_8F-28FR_TC-NG.en.pdf)



Version française:

[https://fixolite.eu/doc/C-R28S29\\_8F-28FR\\_TC-NG.fr.pdf](https://fixolite.eu/doc/C-R28S29_8F-28FR_TC-NG.fr.pdf)