

Reference : C-R28S29 8F-28FR F-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/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 R28S29

Outer rail ref. 8F

Inner rail ref. 28FR

Finishing Wood-cement fiber

Color Grey graphitized polystyrene

Compatible cheek J-28

Certification [CSTB 16-11-634 \(translated\)](#)

Thermal conductivity $U = 1.14 \text{ W/m}^2.\text{K}$

Thermal resistance* $R = 0.88 \text{ m}^2.\text{K/W}$

(* 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 3.93 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

Components

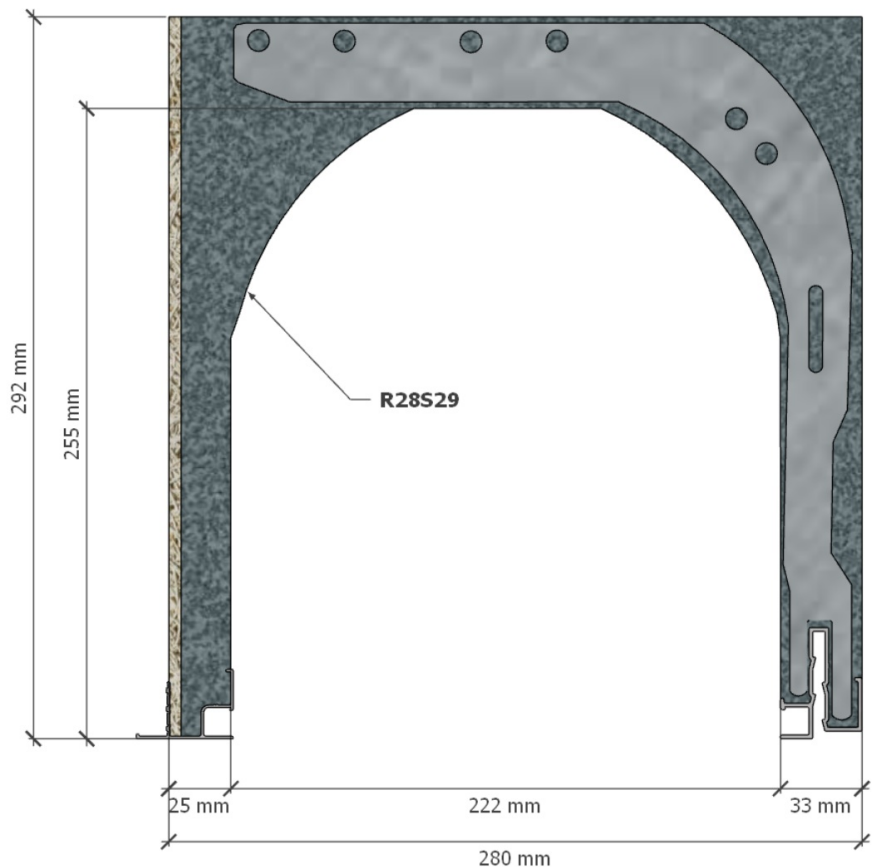
| | |
|---------------------------|------------------|
| Aluminium (recycl. 85%) | 0.95 kg/m |
| Steel (recycl. 96.5%) | 1.01 kg/m |
| Polystyrene (recycl. 10%) | 0.82 kg/m |
| Wood-cement fiber | 1.15 kg/m |
| Total | 3.93 kg/m |

Finishing (Wood-cement fiber)



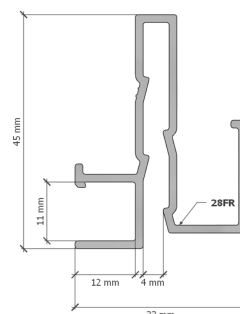
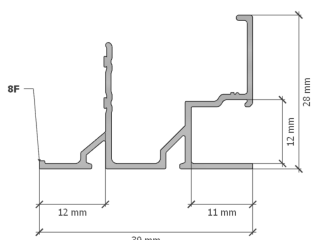
Box dimensions

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



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

Rail diagram



English version:

https://fixolite.eu/doc/C-R28S29_8F-28FR_F-NG.en.pdf



Version française:

https://fixolite.eu/doc/C-R28S29_8F-28FR_F-NG.fr.pdf