

rue Vandervelde 170 6230 Thiméon, Belgium www.fixolite.be

Tel.: +32 71 25 87 90 Email: info@fixolite.be VAT: BE0401.648.294

# PRODUCT FORM C-R30S29 8-8E TC



### Reference: C-R30S29 8-8E TC

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 Ushaped, 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            | R30S29           |  |
|-----------------|------------------|--|
| Outer rail ref. | 827              |  |
| Inner rail ref. | 8E               |  |
| Calan           | Grey graphitized |  |

Color polystyrene

Compatible cheek

CSTB 16-11-634 Certification (translated)

Thermal conductivity  $U = 0.7 \text{ W/m}^2.\text{K}$ Thermal resistance\*  $R = 1.42 \text{ m}^2.\text{K/W}$ 

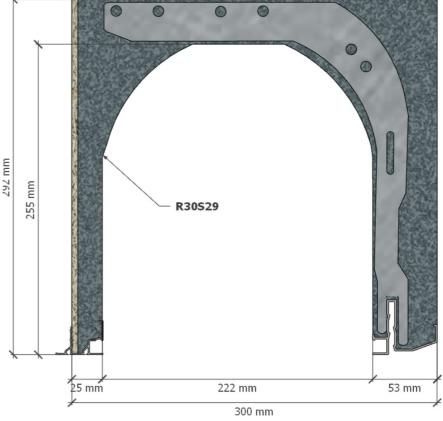
(\*) R: thermal resistance (m $^2$ .K/W) taking into account a  $\lambda$ coefficient of 0.0374 W/m.K after application of a safety coefficient of 1.15.

Weight 6.58 kg/m

class E (EN ISO 11925-Reaction to fire 2/EN 13 501)

Air permeability c\*3 class

| Acoustic perf. (Dn <sub>W</sub> ) 58 dB |           |  |
|---|-----------|--|
| Box dimensions                          |           |  |
| Width                                   | 300 mm    |  |
| Height                                  | 292 mm    |  |
| Tunnel                                  | 222 mm    |  |
| External side                           | 53 mm     |  |
| Internal side                           | 25 mm     |  |
| Components                              |           |  |
| Brick (terracotta)                      | 4.06 kg/m |  |
| Aluminium (recycl. 85%)                 | 0.6 kg/m  |  |
| Steel (recycl. 96.5%)                   | 1.02 kg/m |  |
| Polystyrene (recycl. 10%)               | 0.9 kg/m  |  |
| Total                                   | 6.58 kg/m |  |



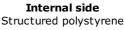
Box shown: C-R30S29 8F-30FR F

#### Sides finishing

**External side** 

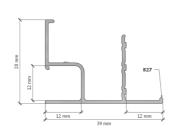
Brick (terracotta)

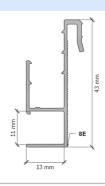






# Rail diagram





## **English version**

**Version française** 





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