

### Reference : C-28S29 8-8L 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.** This high insulation box is today the most efficient lintel box and is particularly suited to the thermal requirements of the market.

Type	28S29
Outer rail ref.	827
Inner rail ref.	8L
Color	Blue polystyrene
Compatible cheek	J-28
Certification	<a href="#">CSTB 16-11-634</a> (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  $\lambda$  coefficient of 0.0374 W/m.K after application of a safety coefficient of 1.15.

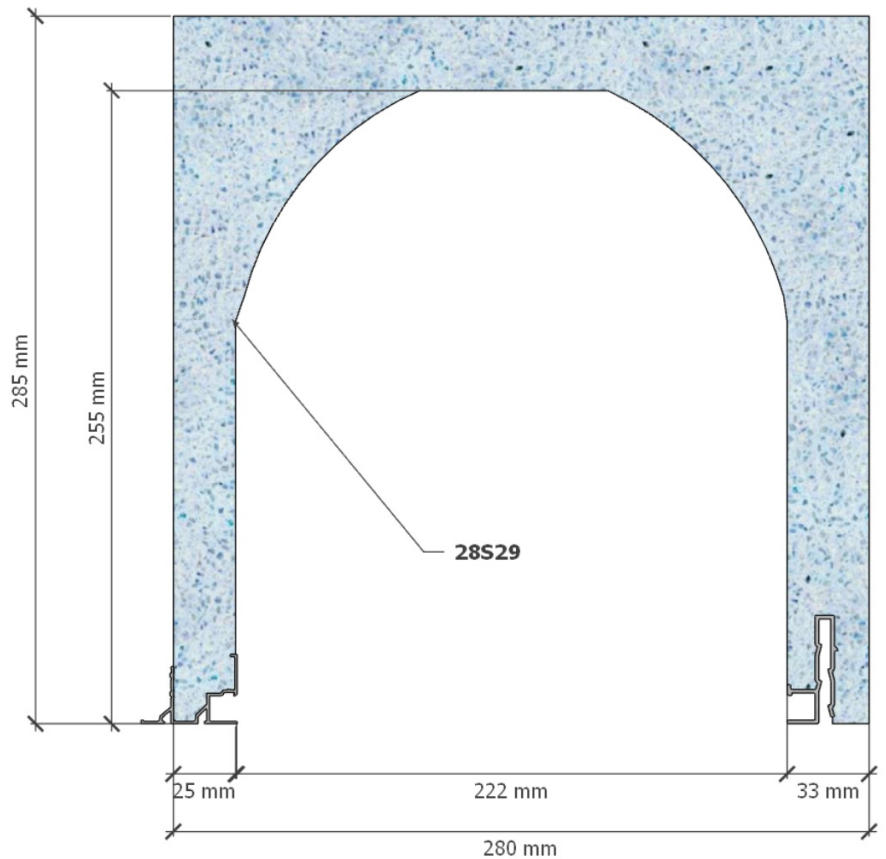
Weight	3.28 kg/m
Reaction to fire	class E (EN ISO 11925-2/EN 13 501)
Air permeability	c*3 class
Acoustic perf. (Dn <sub>W</sub> )	55 dB

### Box dimensions

Width	280 mm
Height	285 mm
Tunnel	222 mm
External side	33 mm
Internal side	25 mm

### Components

Wood-cement fiber	1.15 kg/m
Aluminium (recycl. 85%)	0.56 kg/m
Steel (recycl. 96.5%)	0.76 kg/m
Polystyrene (recycl. 10%)	0.82 kg/m
<b>Total</b>	<b>3.28 kg/m</b>



Box shown: C-28S29 8F-8R

### Sides finishing

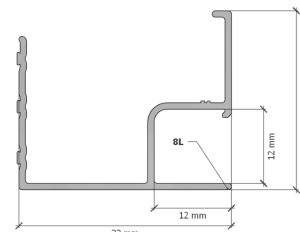
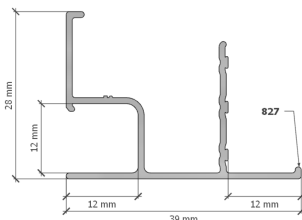
**External side**  
Wood-cement fiber



**Internal side**  
Ribbed or structured polystyrene



### Rail diagram



English version

Version française



**2024-04 • Fixolite Disclaimer.** The information provided in this technical sheet is for reference only and without warranty of accuracy or completeness. Fixolite disclaims any liability for errors, omissions, or consequences related to the use of this information. Specifications are subject to change without notice.