

## Reference : C-28S29 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 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.

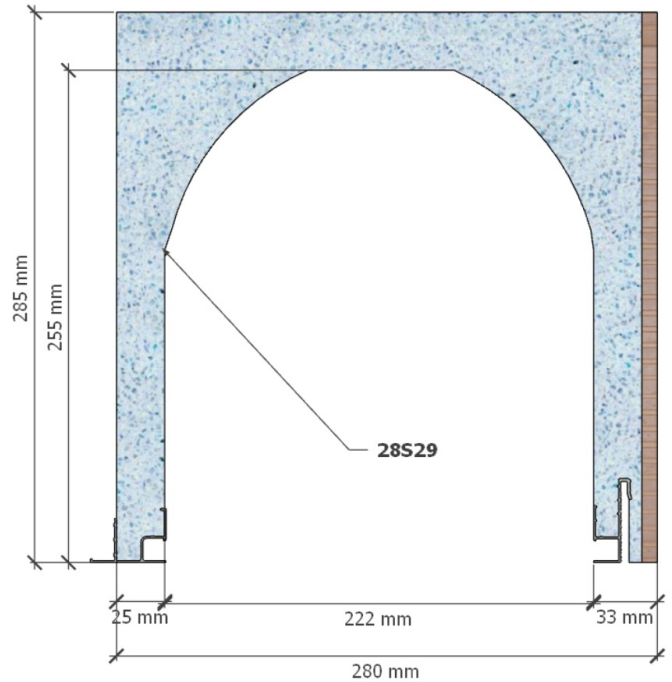
Type	28S29
Outer rail ref.	827
Inner rail ref.	8E
Color	Blue polystyrene
Compatible cheek	J-28
Certification	<a href="#">CSTB 16-11-634 (translated) [PDF]</a>
Thermal conductivity	U = 1.14 W/m <sup>2</sup> .K
Thermal resistance*	R = 0.88 m <sup>2</sup> .K/W
(*) R: thermal resistance (m <sup>2</sup> .K/W) taking into account a λ coefficient of 0.0374 W/m.K after application of a safety coefficient of 1.15.	
Weight	6.24 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

Brick (terracotta)	4.06 kg/m
Aluminium (recycl. 85%)	0.6 kg/m
Steel (recycl. 96.5%)	0.76 kg/m
Polystyrene (recycl. 10%)	0.82 kg/m
<b>Total</b>	<b>6.24 kg/m</b>



**Corner option [PDF]:** the rails 8E allow the addition of the sealing and fixing corner with the joinery. These 40x30 mm notched corners are available in packs of 100 pieces or inserted in the box.

### Sides finishing

**External side**  
Brick (terracotta)



**Internal side**  
Ribbed or structured polystyrene



### Rail diagram



English



Français



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