

Reference : C-28H29 8-8H

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.

Traditional model box

The most economical solution while still offering good performance.

Certified by a Technical Approval from CSTB.

Maximum length: 160 cm structural opening (184 cm overall).

Packaging: pack of 28 (or 56) boxes, 6 ml each.

Type	28H29
Outer rail ref.	827
Inner rail ref.	8H
Color	Blue polystyrene
Compatible cheek	J-28
Certification	CSTB 16-11-634 (translated) [PDF]
Thermal conductivity	$U = 0.9 \text{ W/m}^2\cdot\text{K}$
Thermal resistance*	$R = 1.11 \text{ m}^2\cdot\text{K/W}$

(*) 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.

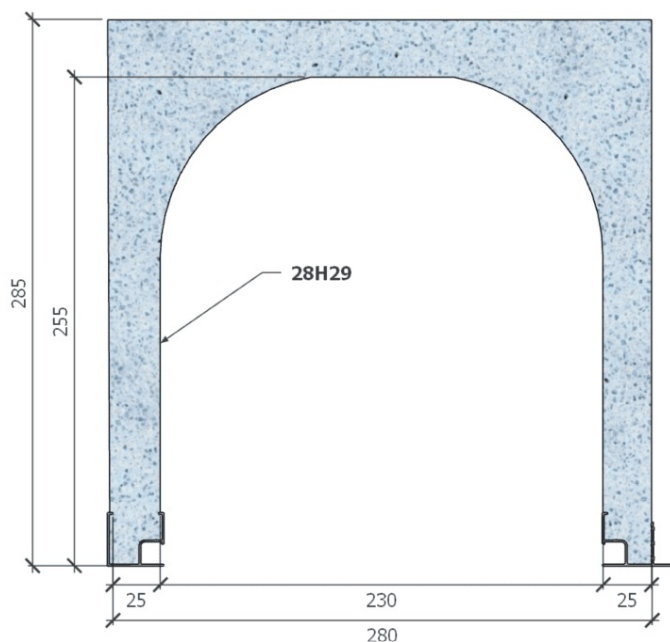
Weight	1.98 kg/m
Reaction to fire	class E (EN ISO 11925-2/EN 13 501)
Air permeability	c*3 class
Acoustic perf. (Dn _W)	49 dB

Box dimensions

Width	280 mm
Height	285 mm
Tunnel	230 mm
External side	25 mm
Internal side	25 mm

Components

Aluminium (recycl. 85%)	0.56 kg/m
Steel (recycl. 96.5%)	0.76 kg/m
Polystyrene (recycl. 10%)	0.66 kg/m
Total	1.98 kg/m



Sides finishing

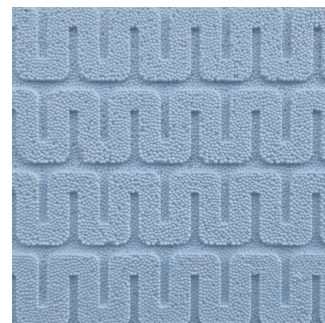
External side

Ribbed polystyrene

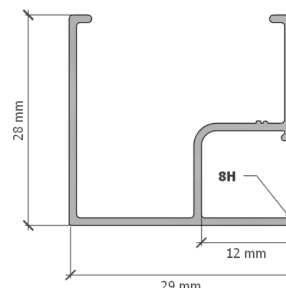
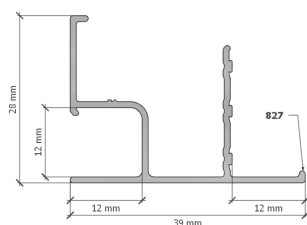


Internal side

Ribbed polystyrene



Rail diagram



English



Français



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