

Reference : C-BSO28H32 8-FX+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/m³ density) shell reinforced with steel mesh. The side walls are fitted with aluminum rails.

BSO model box (Adjustable Solar Shading)

Specifically designed to accommodate BSOs: its chamfered face can even receive bulky models and lets you fix them to the central rail.

Certified by a Technical Approval from CSTB.

Maximum length: 450 cm structural opening (474 cm overall).

Packaging: pack of 16 boxes, 6 ml each.

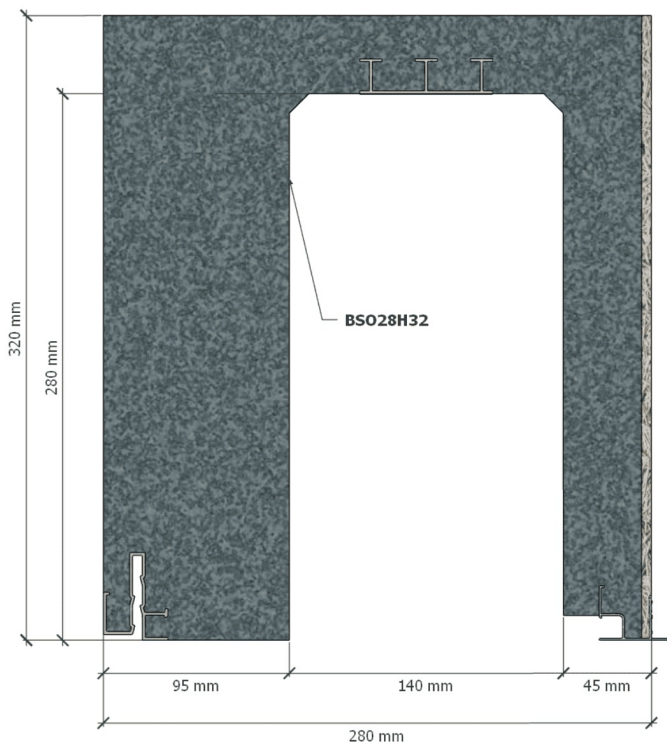
Type	BSO28H32
Outer rail ref.	827
Inner rail ref.	28FR
Color	[label.couleurGRAPHITE]
Compatible cheek	J-BSO
Certification	CSTB 16-11-634 (translated) [PDF]
Thermal conductivity	U = 0.3 W/m ² .K
Thermal resistance*	R = 3.33 m ² .K/W
(*) R: thermal resistance (m ² .K/W) taking into account a λ coefficient of 0.0374 W/m.K after application of a safety coefficient of 1.15.	
Weight	5.27 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

Box dimensions

Width	280 mm
Height	320 mm
Tunnel	140 mm
External side	95 mm
Internal side	45 mm

Components

Wood-cement fiber	1.19 kg/m
Aluminium (recycl. 85%)	1.48 kg/m
Steel (recycl. 96.5%)	1.1 kg/m
Polystyrene (recycl. 10%)	1.51 kg/m
Total	5.27 kg/m



Corner option [PDF]: the rails 28FR 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

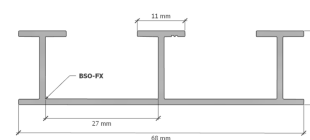
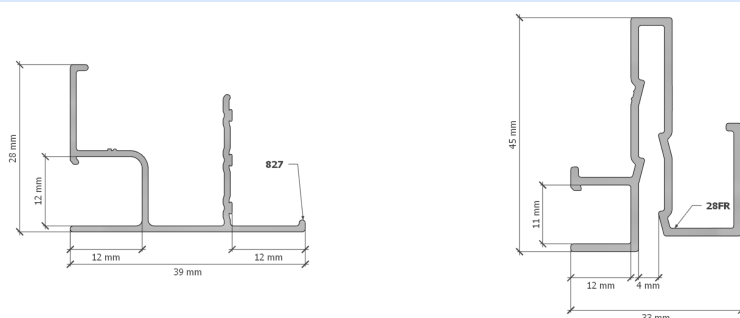
External side
Wood-cement fiber



Internal side
Ribbed polystyrene



Rail diagram



English



Français



2025-11 • 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.

Check out our [installation instructions \[PDF\]](#) and [general documentation](#)