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PRODUCT FORM
C-BSO28H32 8-FX-28FR+E

CSTB

Reference : C-BSO28H32 8-FX-28FR+E

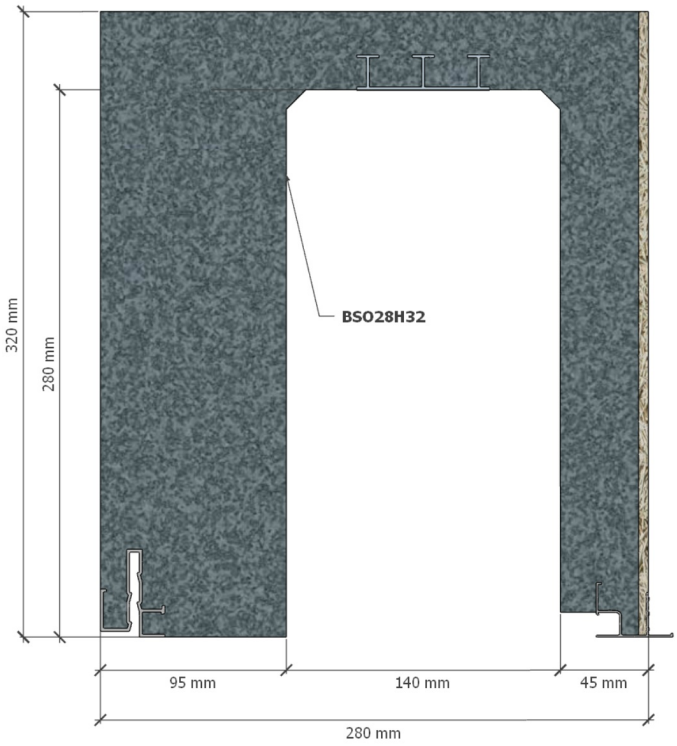
The Fixolite box is a 6 m long prefabricated lintel box designed to receive a closure (roller shutter, BSO, etc.). The box consists of an inverted U-shaped, fire-retardant expanded polystyrene (30 kg/m³ density) shell reinforced with steel mesh. The side walls are fitted with aluminum rails.

Orientable Sun Shade model box. This box is specially adapted for BSOs. Its cutaway allows it to accommodate the largest shutters and to fix it on its central rail. The box is certified by Technical Advice to the CSTB.

Type	BSO28H32
Outer rail ref.	827
Inner rail ref.	28FR
Color	Grey graphitized polystyrene
Compatible cheek	J-BSO
Certification	CSTB 16-11-634 (translated) **[PDF]**
Thermal conductivity	U = 0.39 W/m².K
Thermal resistance*	R = 2.54 m².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	4.49 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	
Bonding primer	0.4 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	**4.49 kg/m**



Box shown: C-BSO28H32 8-FX-28FR F

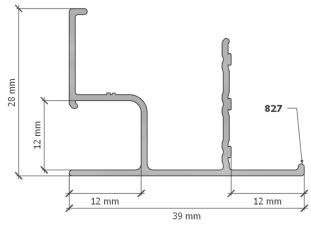
Corner option [PDF]: the rails 28FR allow the addition of the sealing and fixing corner with the joinery. These 40x30 mm notched corners are available in packs of 100 pieces or inserted in the box.

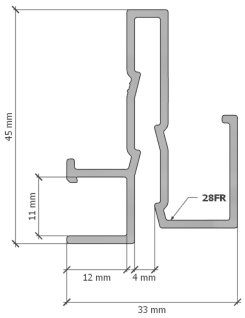
Sides finishing

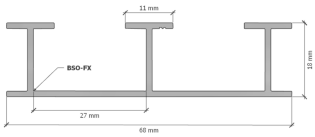
External side
Bonding primer

Internal side
Ribbed polystyrene

Rail diagram







English **Français**

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Check out our installation instructions **[PDF]** and general documentation