

Reference : C-28S29 8F-8R+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.

High-Insulation model box

The top-performing solution in the range, meeting demanding thermal requirements.

Certified by a Technical Approval from CSTB.

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

Packaging: pack of 28 (or 24) boxes, 6 ml each.

Type	28S29
Outer rail ref.	8F
Inner rail ref.	8R
Color	Blue polystyrene
Compatible cheek	J-28
Certification	CSTB 16-11-634 (translated) [PDF]
Thermal conductivity	U = 0.7 W/m ² .K
Thermal resistance*	R = 1.43 m ² .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.

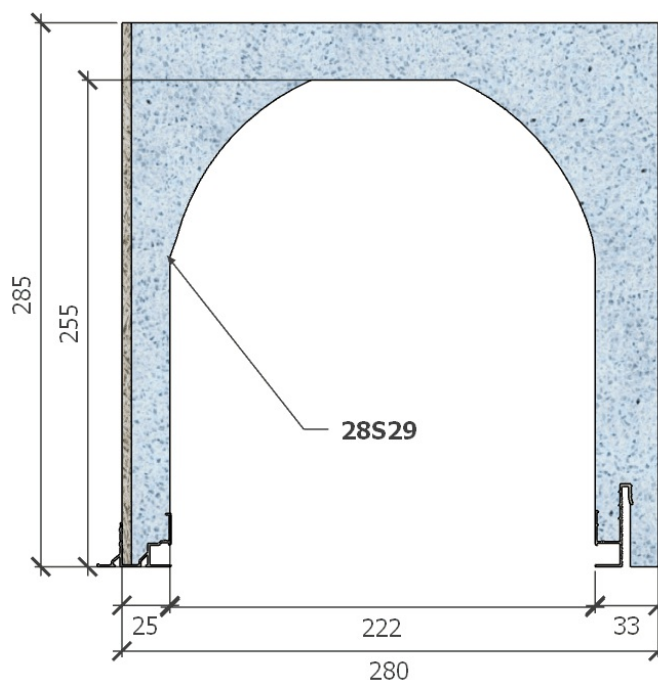
Weight	3.54 kg/m
Reaction to fire	class E (EN ISO 11925-2/EN 13 501)
Air permeability	c*3 class
Acoustic perf. (Dn _W)	55 dB

Box dimensions

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

Components

Wood-cement fiber	1.15 kg/m
Aluminium (recycl. 85%)	0.81 kg/m
Steel (recycl. 96.5%)	0.76 kg/m
Polystyrene (recycl. 10%)	0.82 kg/m
Total	3.54 kg/m



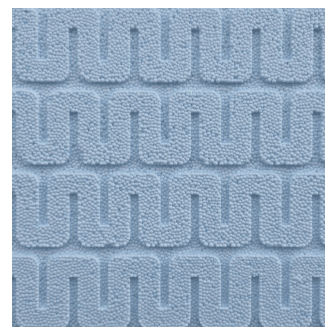
Corner option [PDF]: the rails 8R allow the addition of the sealing and fixing corner with the joinery. These 40x30 mm notched corners are available in packs of 100 pieces or inserted in the box.

Sides finishing

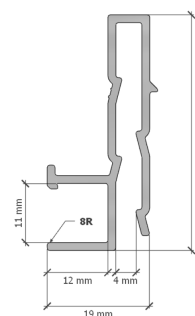
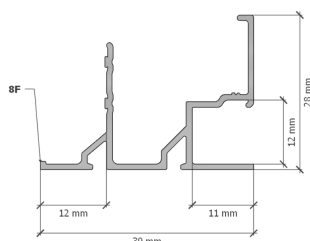
External side
Wood-cement fiber



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](#)