

**Reference : C-28H30 5-5 NB**

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.

**Traditional model box.** This box is the most economical and offers good performance. The box is certified by Technical Advice to the CSTB.

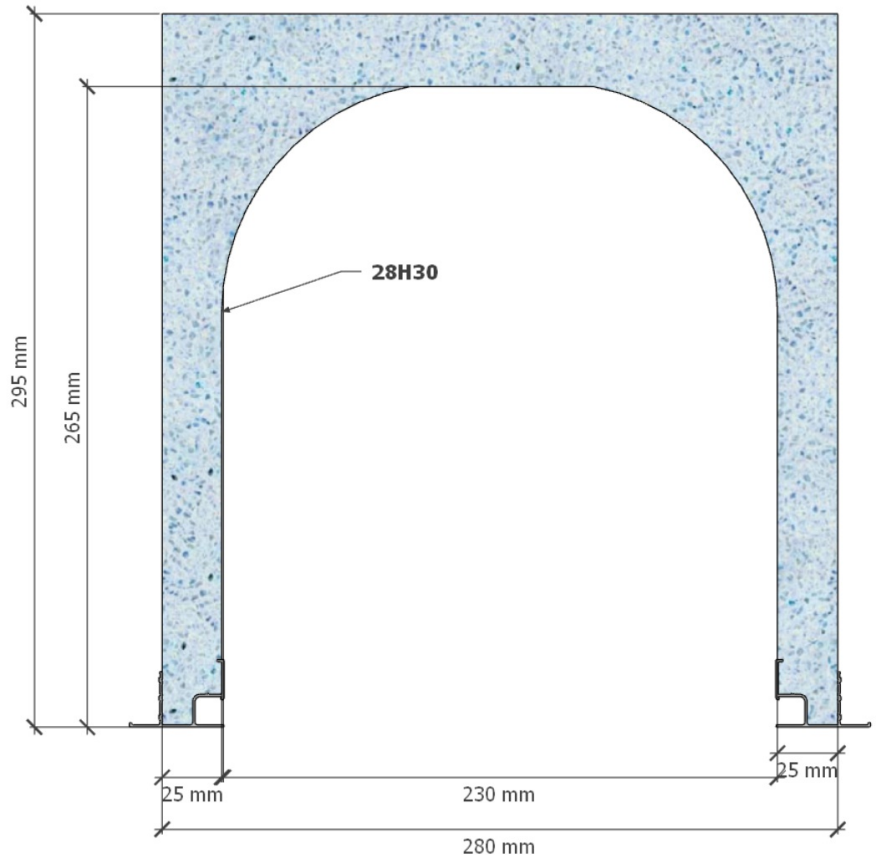
Type	28H30
Outer rail ref.	5
Inner rail ref.	5
Finishing	Ribbed polystyrene
Color	Blue polystyrene
Compatible cheek	J-28
Certification	<a href="#">CSTB 16-11-634</a> (translated)
Thermal conductivity	U = 1.56 W/m <sup>2</sup> .K
Thermal resistance*	R = 0.64 m <sup>2</sup> .K/W
(*) R: thermal resistance (m <sup>2</sup> .K/W) taking into account a $\lambda$ coefficient of 0.0374 W/m.K after application of a safety coefficient of 1.15.	
Weight	2.09 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> )	49 dB

**Components**

Aluminium (recycl. 85%)	0.67 kg/m
Steel (recycl. 96.5%)	0.76 kg/m
Polystyrene (recycl. 10%)	0.66 kg/m
-	0.0 kg/m
<b>Total</b>	<b>2.09 kg/m</b>

**Finishing (Ribbed polystyrene)****Box dimensions**

Width	278 mm
Height	295 mm
Tunnel	230 mm
External side	24 mm
Internal side	24 mm



Box shown: C-28H30 8-8 NB

**Rail diagram****English version:**[https://fixolite.eu/doc/C-28H30\\_5-5\\_NB.en.pdf](https://fixolite.eu/doc/C-28H30_5-5_NB.en.pdf)**Version française:**[https://fixolite.eu/doc/C-28H30\\_5-5\\_NB.fr.pdf](https://fixolite.eu/doc/C-28H30_5-5_NB.fr.pdf)

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