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PRODUCT FORM C-R31S30 8-28FR TC-NG

Reference : C-R31S30 8-28FR TC-NG

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 Ushaped, fire-retardant expanded polystyrene (30 kg/m³ density) shell reinforced with steel mesh. The side walls are fitted with aluminum rails.

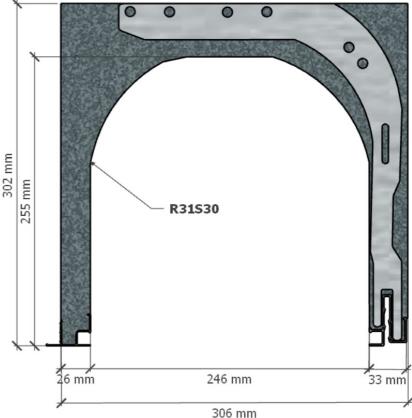
Reinforced model box. This box is reinforced by 3 mm steel brackets, every 1.2 m and is intended for openings of more than 1.6 m. The box is certified by Technical Advice to the CSTB.

Туре	R31S30	
Outer rail ref.	827	
Inner rail ref.	28FR	
Finishing	Brick (terracotta)	
Color	Grey graphitized polystyrene	
Compatible cheek	J-30	
Certification	CSTB 16-11-634 (translated)	
Thermal conductivity	$U = 1.1 \text{ W/m}^2.\text{K}$	
Thermal resistance*	$R = 0.91 \text{ m}^2.\text{K/W}$	
(*) 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	7.2 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	
Components		
Aluminium (recycl. 85	%) 0.92 kg/m	

Steel (recycl. 96.5%)	1.01 kg/m
Polystyrene (recycl. 10%)	0.95 kg/m
Terracotta	4.32 kg/m
Total	7.2 kg/m

Finishing (Brick (terracotta))

Box dimensions		
Width	306 mm	
Height	302 mm	
Tunnel	246 mm	
External side	34 mm	
Internal side	26 mm	



Box shown: C-R31S30 8-28FR NG

12 mm 12 mm 12 mm 39 mn

12 m

English version: https://fixolite.eu/doc/C-R31S30_8-28FR_TC-NG.en.pdf



Version française: Version française. https://fixolite.eu/doc/C-R31S30_8-28FR_TC-NG.fr.pdf

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Rail diagram