

**Reference : C-31S30 8-8R TC-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.

**High Insulation model box.** This high insulation box is today the most efficient lintel box and is particularly suited to the thermal requirements of the market.

Type	31S30
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Outer rail ref.	827
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Inner rail ref.	8R
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Finishing	Brick (terracotta)
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Color	Blue polystyrene
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Compatible cheek	J-30
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Certification	<a href="#">CSTB 16-11-634</a> (translated)
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Thermal conductivity	$U = 1.1 \text{ W/m}^2.\text{K}$
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Thermal resistance*	$R = 0.91 \text{ m}^2.\text{K/W}$
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(\* 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	6.81 kg/m
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Reaction to fire	class E (EN ISO 11925-2/EN 13 501)
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Air permeability	c*3 class
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Acoustic perf. (Dn <sub>W</sub> )	55 dB
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**Components**

Aluminium (recycl. 85%)	0.78 kg/m
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Steel (recycl. 96.5%)	0.76 kg/m
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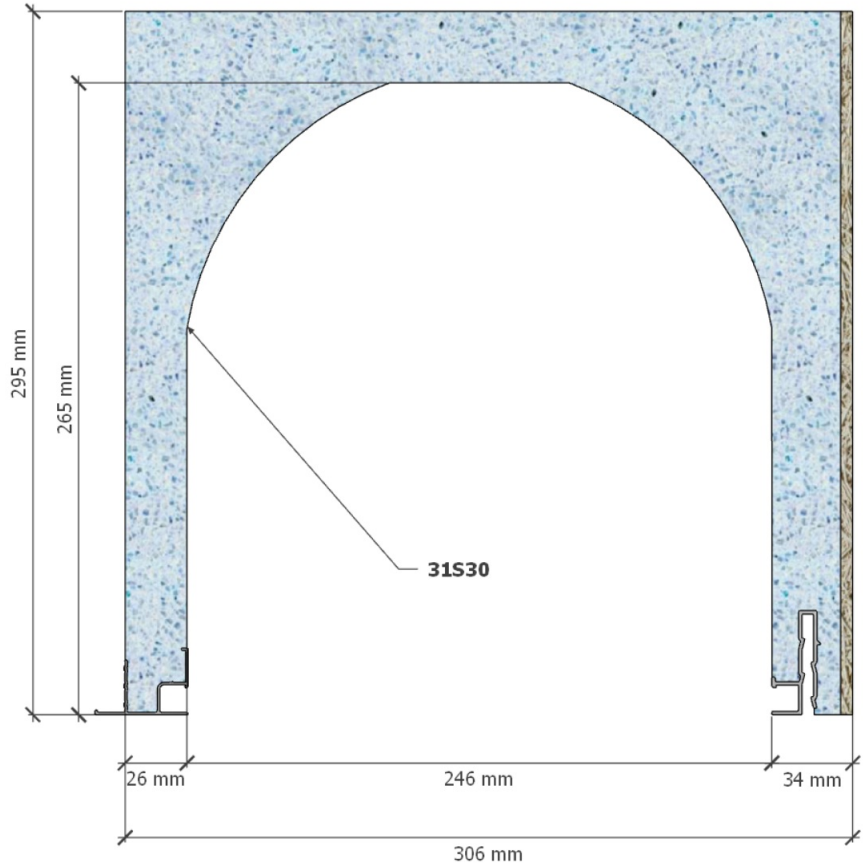
Polystyrene (recycl. 10%)	0.95 kg/m
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Terracotta	4.32 kg/m
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Total	6.81 kg/m
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**Finishing (Brick (terracotta))****Box dimensions**

Width	306 mm
Height	295 mm
Tunnel	246 mm
External side	34 mm
Internal side	26 mm



Box shown: C-31S30 8-8R F-NB

**Rail diagram**

English version:

[https://fixolite.eu/doc/C-31S30\\_8-8R\\_TC-NB.en.pdf](https://fixolite.eu/doc/C-31S30_8-8R_TC-NB.en.pdf)


Version française:

[https://fixolite.eu/doc/C-31S30\\_8-8R\\_TC-NB.fr.pdf](https://fixolite.eu/doc/C-31S30_8-8R_TC-NB.fr.pdf)