

Reference : C-25H25 830-8 F-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/m³ 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	25H25
Outer rail ref.	830
Inner rail ref.	827
Finishing	Wood-cement fiber
Color	Blue polystyrene
Compatible cheek	J-25

Certification [CSTB 16-11-634](#)
(translated)

Thermal conductivity $U = 1.49 \text{ W/m}^2.\text{K}$

Thermal resistance* $R = 0.67 \text{ m}^2.\text{K/W}$

(*): 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 2.82 kg/m

Reaction to fire class E (EN ISO 11925-2/EN 13 501)

Air permeability c*3 class

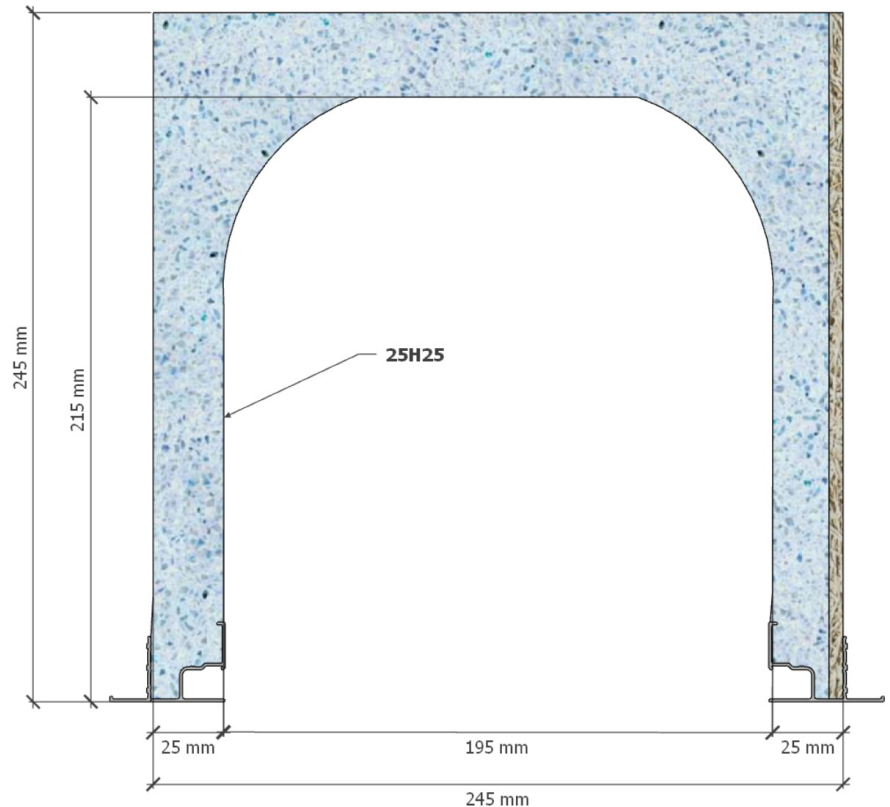
Acoustic perf. (Dn_w) 49 dB

Components

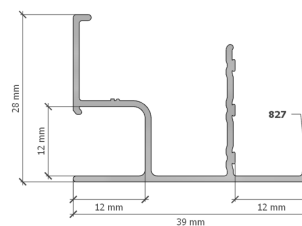
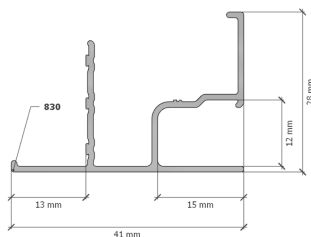
Aluminium (recycl. 85%)	0.58 kg/m
Steel (recycl. 96.5%)	0.72 kg/m
Polystyrene (recycl. 10%)	0.55 kg/m
Wood-cement fiber	0.97 kg/m
Total	2.82 kg/m

Finishing (Wood-cement fiber)**Box dimensions**

Width	245 mm
Height	245 mm
Tunnel	196 mm
External side	25 mm
Internal side	25 mm



Box shown: C-25H25 830-830 F-NB

Rail diagram**English version:**
https://fixolite.eu/doc/C-25H25_830-8_F-NB.en.pdf
**Version française:**
https://fixolite.eu/doc/C-25H25_830-8_F-NB.fr.pdf