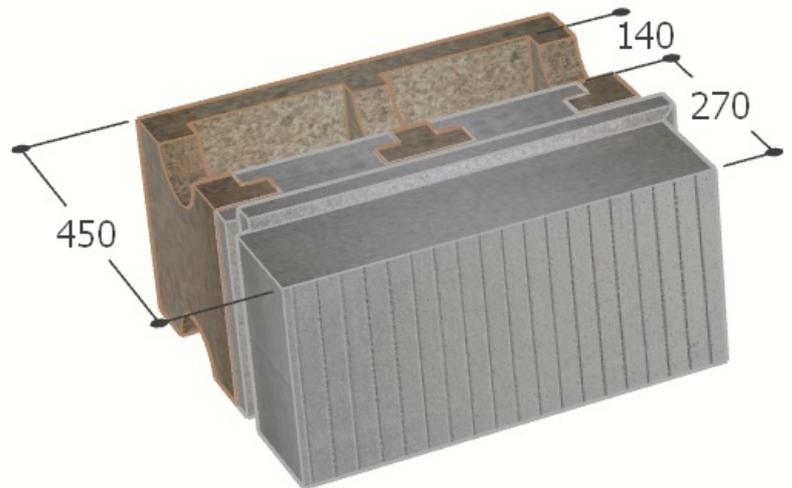


FIXOLITE HIGH INSULATION (HI block)**Reference : B-HI45/14+27**

Fixolite block, made in Belgium.
Dimensions are 50 cm wide, 25 cm high (1m² = 8 blocks)
and depth varies according to requirements.
The block is made of wood-cement with external
insulation in fire-retardant expanded polystyrene
(density 40 gr/m³) from 17 to 34 cm.
The block has no thermal bridges.

Total thickness	45.0 cm
Insulation thickness	27.0 cm
Concrete thickness	14.0 cm
Interior side thickness	4.0 cm
Exterior side thickness	4.0 cm
Concrete volume	110.0 l/m ²
Density	± 710 kg/m ³
Weight	94.72 kg/m ²
Thermal insulation λ	0.10 W/m ² K
R coefficient	8.33 m ² K/W
U coefficient	0.12 W/m ² K
Sound absorption α	> 90% (100→5000Hz)
Sound insulation	51 dB
Reaction to fire	Non-flammable (M1)
Fire resistance	> 6h (ISO 834)
Rot-proof	✓
Flexural strength	± 200 DaN

**Fixolite high-insulation block range**

Fixolite offers 5 sizes of High Insulation blocks with insulation ranging from 17 to 34 cm.
A graphite polystyrene corner block is available for each size.

**Notes**

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English version :
https://doc.fixolite.eu/en/B-HI45_14_27



Version française :
https://doc.fixolite.eu/fr/B-HI45_14_27