

FIXOLITE USINES S.A. rue Vandervelde 170

6230 Thiméon, Belgium

Tel.: +32 71 25 87 90 Email: info@fixolite.be VAT: BE0401.648.294

PRODUCT FORM B-HI40/12+24

FIXOLITE HIGH INSULATION (HI block)

Reference: B-HI40/12+24

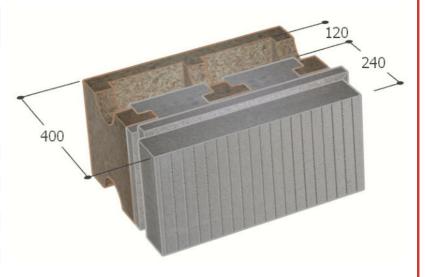
Fixolite block, made in Belgium.

Dimensions are 50 cm wide, 25 cm high $(1m^2 = 8 \text{ blocks})$ 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.

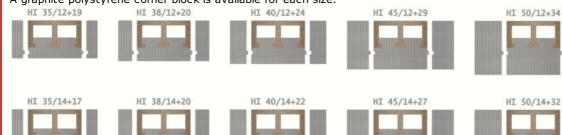
The block has no thermal bridges.

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Total thickness	40.0 cm
Insulation thickness	24.0 cm
Concrete thickness	12.0 cm
Interior side thickness	4.0 cm
Exterior side thickness	4.0 cm
Concrete volume	95.0 l/m ²
Density	\pm 510 kg/m ³
Weight	68.0 kg/m²
Thermal insulation $\boldsymbol{\lambda}$	0.10 W/m ² K
R coefficient	7.14 m ² K/W
U coefficient	0.14 W/m ² K
Sound absorption a	> 90% (100→5000Hz)
Sound insulation	50 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.



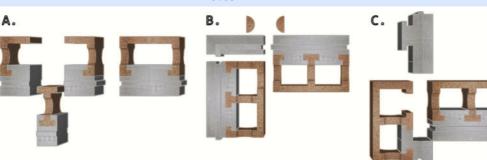
Notes

- Corner block reference: - **B-HI 40.AL** (left)
- B-HI 40.AR (right)

On-site cutouts:

- A. for narrow block
- B. for external angle

C. for internal angle





English version:

https://fixolite.eu/doc/B_HI40_12_24.en.pdf



Version française:

https://fixolite.eu/doc/B_HI40_12_24.fr.pdf

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