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PRODUCT FORM B-HI 40/14+22

FIXOLITE HIGH INSULATION (HI block)

Reference: B-HI 40/14+22

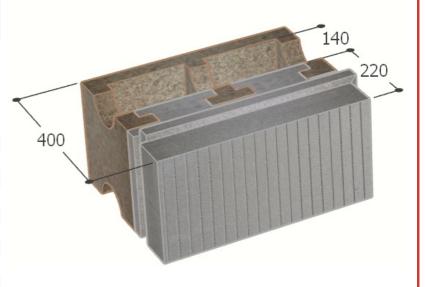
Fixolite block, made in Belgium.

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	22.0 cm
Concrete thickness	14.0 cm
Interior side thickness	4.0 cm
Exterior side thickness	4.0 cm
Concrete volume	110.0 l/m²
Density	\pm 510 kg/m ³
Weight	67.36 kg/m²
Thermal insulation $\boldsymbol{\lambda}$	0.10 W/m ² K
R coefficient	6.67 m ² K/W
U coefficient	0.15 W/m ² K
Sound absorption a	> 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

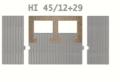
Fixolite offers 5 sizes of High Insulation blocks with insulation ranging from 17 to 34 cm. A graphite polystyrene corner block is available for each size.























Notes

Corner block reference:

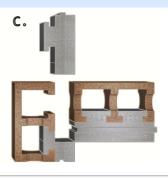
- **B-HI 40.AL** (left)
- B-HI 40.AR (right)

On-site cutouts:

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









English version:

https://fixolite.eu/doc/B_HI_40_14_22.en.pdf



Version française:

https://fixolite.eu/doc/B_HI_40_14_22.fr.pdf

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