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PRODUCT FORM B-HI 50/14+32

FIXOLITE HIGH INSULATION (HI block)

Reference: B-HI 50/14+32

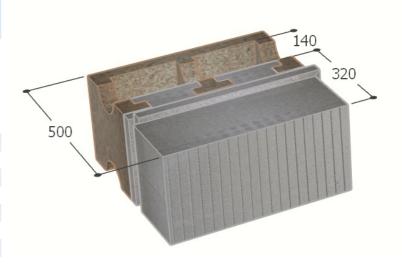
Fixolite block, made in Belgium.

Dimensions are 50 cm wide, 25 cm high ($1m^2 = 8$ blocks) and depth varies according to requirements.

The block is made of wood-cement with external insulation in fire-retardant expanded polystyrene (density 40 qr/m³) from 17 to 34 cm.

The block has no thermal bridges.

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Total thickness	50.0 cm
Insulation thickness	32.0 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	70.4 kg/m ²
Thermal insulation λ	0.10 W/m ² K
R coefficient	10.0 m ² K/W
U coefficient	0.1 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.



HI 38/12+20





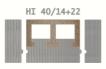
HI 40/12+24















Notes

Corner block reference:

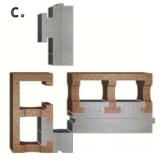
- **B-HI 50.AL** (left)
- **B-HI 50.AR** (right)

On-site cutouts:

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









English version:

https://fixolite.eu/doc/B_HI_50_14_32.en.pdf



Version française :

https://fixolite.eu/doc/B_HI_50_14_32.fr.pdf

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