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PRODUCT FORM B-HI50/14+32

## **FIXOLITE HIGH INSULATION (HI block)**

Reference: B-HI50/14+32

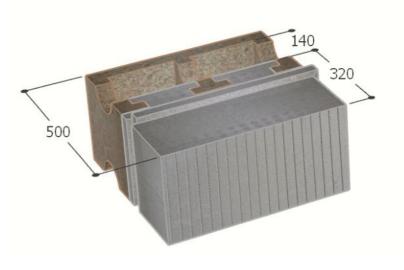
Fixolite block, made in Belgium.

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/m <sup>2</sup>
Density	± 510 kg/m³
Weight	70.4 kg/m²
Thermal insulation $\boldsymbol{\lambda}$	0.10 W/m <sup>2</sup> K
R coefficient	10.0 m <sup>2</sup> K/W
U coefficient	0.1 W/m <sup>2</sup> 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 45/12+29



#### **Notes**

Corner block reference:

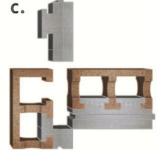
- **B-HI 50.AL** (left)
- **B-HI 50.AR** (right)

On-site cutouts:

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









# English version:

https://fixolite.eu/doc/B\_HI50\_14\_32.en.pdf



## Version française:

https://fixolite.eu/doc/B\_HI50\_14\_32.fr.pdf

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