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# PRODUCT FORM B-HI 35/14+17

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

Reference: B-HI 35/14+17

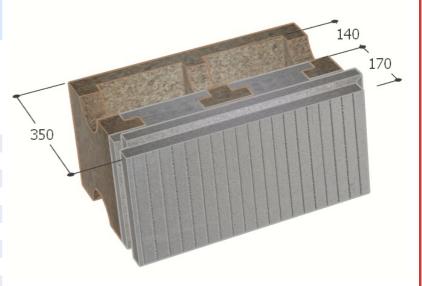
Fixolite block, made in Belgium.

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/m<sup>3</sup>) from 17 to 34 cm.

The block has no thermal bridges

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Total thickness	35.0 cm
Insulation thickness	17.0 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	$\pm$ 510 kg/m <sup>3</sup>
Weight	65.92 kg/m <sup>2</sup>
Thermal insulation $\boldsymbol{\lambda}$	0.10 W/m <sup>2</sup> K
R coefficient	5.26 m <sup>2</sup> K/W
U coefficient	0.19 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 35/12+19



















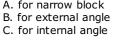
### Notes

Corner block reference:

- **B-HI 35.AL** (left)
- B-HI 35.AR (right)

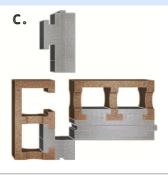
On-site cutouts:

- A. for narrow block











## **English version:**

https://fixolite.eu/doc/B\_HI\_35\_14\_17.en.pdf



## Version française:

https://fixolite.eu/doc/B\_HI\_35\_14\_17.fr.pdf

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