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# PRODUCT FORM B-HI 35/12+19

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

Reference: B-HI 35/12+19

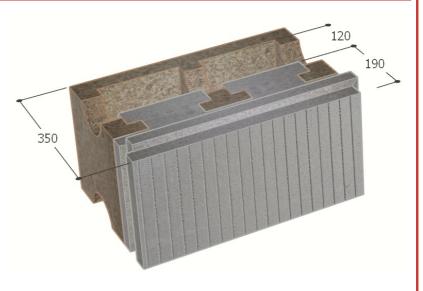
Fixolite block, made in Belgium.

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  $\rm gr/m^3$ ) from 17 to 34 cm.

The block has no thermal bridges.

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Total thickness	35.0 cm
Insulation thickness	19.0 cm
Concrete thickness	12.0 cm
Interior side thickness	4.0 cm
Exterior side thickness	4.0 cm
Concrete volume	95.0 l/m²
Density	$\pm$ 510 kg/m <sup>3</sup>
Weight	66.48 kg/m²
Thermal insulation $\lambda$	0.10 W/m <sup>2</sup> K
R coefficient	5.56 m <sup>2</sup> K/W
U coefficient	0.18 W/m <sup>2</sup> K
Sound absorption a	> 90% (100→5000Hz)
Sound insulation	50 dB
Reaction to fire	Non-flammable (M1)
Fire resistance	> 6h (ISO 834)
Rot-proof	<b>✓</b>
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:

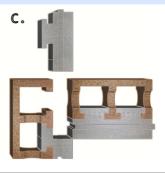
- **B-HI 35.AL** (left)
- **B-HI 35.AR** (right)

On-site cutouts:

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









## English version:

https://fixolite.eu/doc/B\_HI\_35\_12\_19.en.pdf



## Version française :

https://fixolite.eu/doc/B\_HI\_35\_12\_19.fr.pdf

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