

#### FIXOLITE HIGH INSULATION (HI block)

Reference : B-HI35/14+17

Fixolite block, made in Belgium.  
Dimensions are 50 cm wide, 25 cm high (1m<sup>2</sup> = 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 gr/m<sup>3</sup>) from 17 to 34 cm.  
The block has no thermal bridges.

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	± 710 kg/m <sup>3</sup>
Weight	91.76 kg/m <sup>2</sup>
Thermal insulation λ	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 α	> 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.



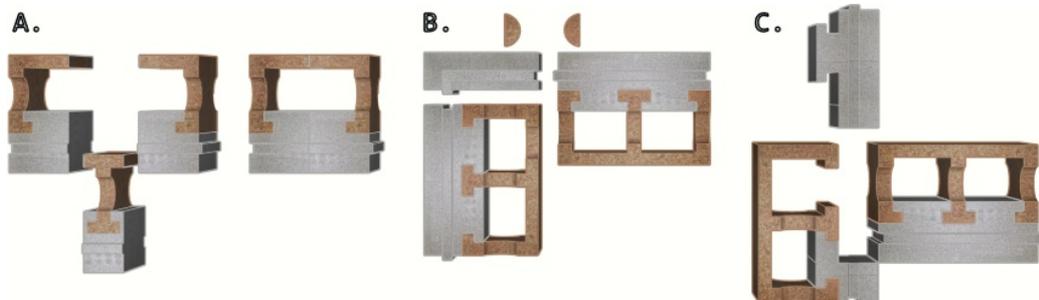
#### Notes

Corner block reference:

- **B-HI 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://doc.fixolite.eu/en/B-HI35\\_14\\_17](https://doc.fixolite.eu/en/B-HI35_14_17)



Version française :  
[https://doc.fixolite.eu/fr/B-HI35\\_14\\_17](https://doc.fixolite.eu/fr/B-HI35_14_17)