

**FIXOLITE HIGH INSULATION (HI block)****Reference : B-HI40/12+24**

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	40.0 cm
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Insulation thickness	24.0 cm
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Concrete thickness	12.0 cm
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Interior side thickness	4.0 cm
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Exterior side thickness	4.0 cm
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Concrete volume	95.0 l/m <sup>2</sup>
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Density	± 510 kg/m <sup>3</sup>
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Weight	68.0 kg/m <sup>2</sup>
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Thermal insulation λ	0.10 W/m <sup>2</sup> K
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R coefficient	7.14 m <sup>2</sup> K/W
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U coefficient	0.14 W/m <sup>2</sup> K
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Sound absorption α	> 90% (100→5000Hz)
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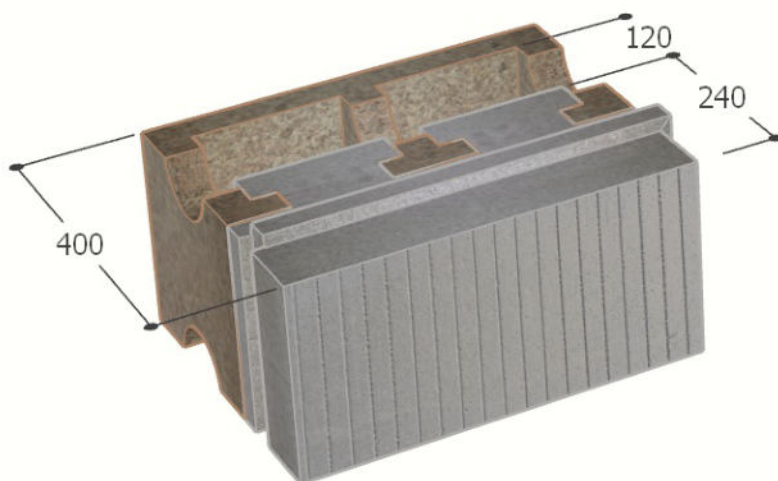
Sound insulation	50 dB
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Reaction to fire	Non-flammable (M1)
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Fire resistance	> 6h (ISO 834)
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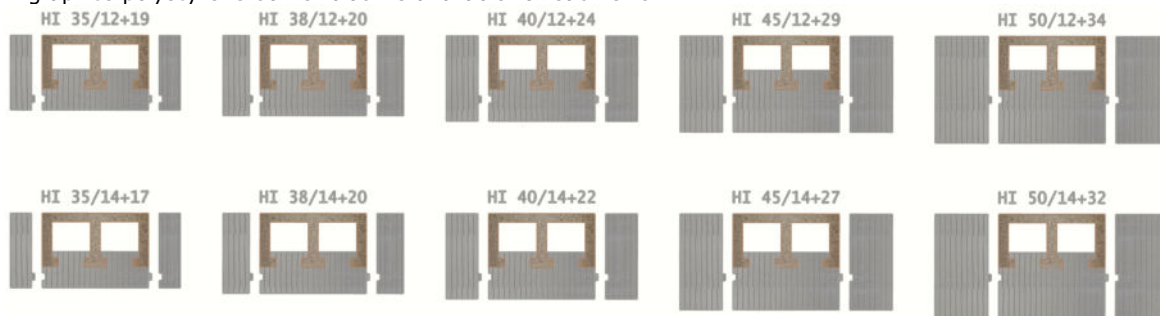
Rot-proof	✓
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Flexural strength	± 200 DaN
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**Fixolite high-insulation block range**

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.

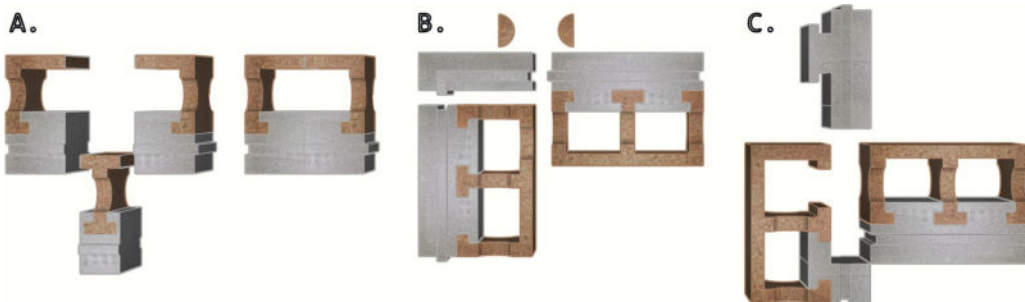
**Notes**

Corner block reference:

- **B-HI 40.AL** (left)
- **B-HI 40.AR** (right)

On-site cutouts:

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

**English version :**[https://fixolite.eu/doc/B\\_HI40\\_12\\_24.en.pdf](https://fixolite.eu/doc/B_HI40_12_24.en.pdf)**Version française :**[https://fixolite.eu/doc/B\\_HI40\\_12\\_24.fr.pdf](https://fixolite.eu/doc/B_HI40_12_24.fr.pdf)