

**FIXOLITE HIGH INSULATION (HI block)****Reference : B-HI 40/14+22**

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

Insulation thickness 22.0 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/m<sup>3</sup>

Weight 67.36 kg/m<sup>2</sup>

Thermal insulation λ 0.10 W/m<sup>2</sup>K

R coefficient 6.67 m<sup>2</sup>K/W

U coefficient 0.15 W/m<sup>2</sup>K

Sound absorption α > 90% (100→5000Hz)

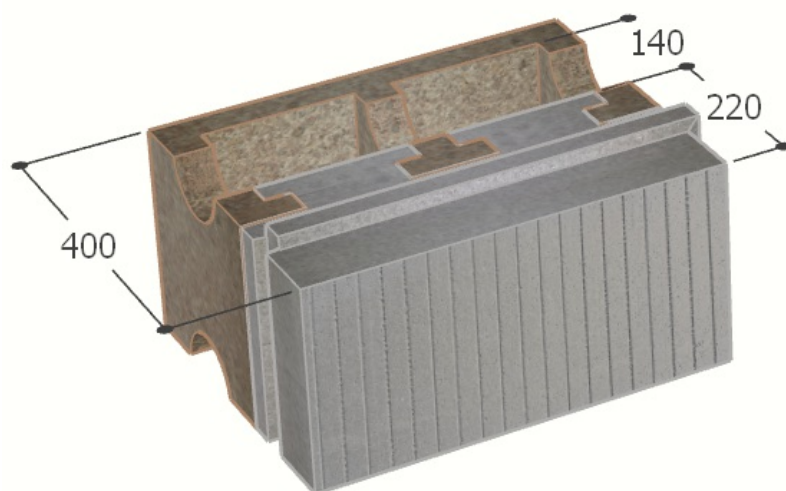
Sound insulation 51 dB

Reaction to fire Non-flammable (M1)

Fire resistance > 6h (ISO 834)

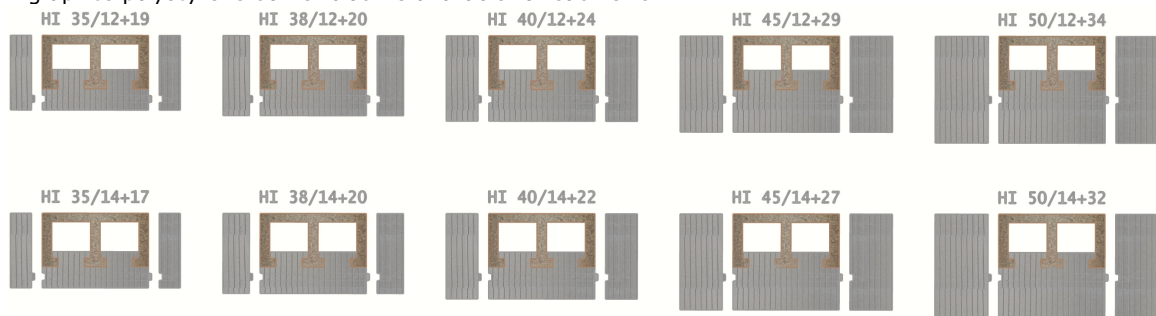
Rot-proof ✓

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.

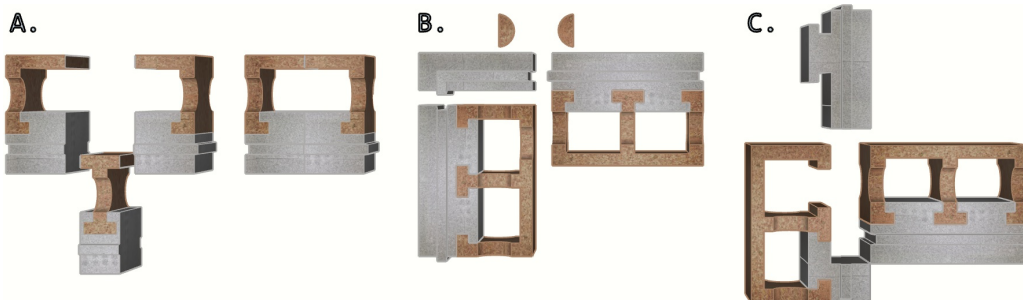
**Notes**

Corner block reference:

- **B-HI 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\\_HI\\_40\\_14\\_22.en.pdf](https://fixolite.eu/doc/B_HI_40_14_22.en.pdf)



**Version française :**

[https://fixolite.eu/doc/B\\_HI\\_40\\_14\\_22.fr.pdf](https://fixolite.eu/doc/B_HI_40_14_22.fr.pdf)