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PRODUCT FORM B-HI 38/12+22

FIXOLITE HIGH INSULATION (HI block)

Reference: B-HI 38/12+22

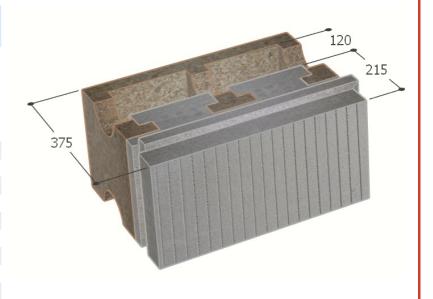
Fixolite block, made in Belgium.

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/m³) from 17 to 34 cm.

The block has no thermal bridges.

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|---|-----------------------------|
| Total thickness | 37.5 cm |
| Insulation thickness | 21.5 cm |
| Concrete thickness | 12.0 cm |
| Interior side thickness | 4.0 cm |
| Exterior side thickness | 4.0 cm |
| Concrete volume | 95.0 l/m ² |
| Density | \pm 510 kg/m ³ |
| Weight | 67.2 kg/m ² |
| Thermal insulation $\boldsymbol{\lambda}$ | 0.10 W/m ² K |
| R coefficient | 6.67 m ² K/W |
| U coefficient | 0.15 W/m ² K |
| Sound absorption a | > 90% (100→5000Hz) |
| Sound insulation | 50 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 35/14+17

HI 38/12+20

HI 38/14+20





HI 40/14+22





HI 45/12+29







Notes

Corner block reference:

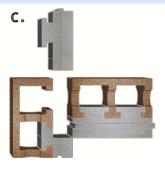
- **B-HI 38.AL** (left)
- **B-HI 38.AR** (right)

On-site cutouts:

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









English version:

https://fixolite.eu/doc/B_HI_38_12_22.en.pdf



Version française:

https://fixolite.eu/doc/B_HI_38_12_22.fr.pdf

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