

HEMPCRETE BLOCK

HEMPLITH® *Block FR*

Solid hempcrete block made of hemp shives, lime and water for insulating walls and infill, in four thicknesses from 100 to 300 mm.

B-s1,d0

Reaction to fire to
EN 13501-1

0.071

λ_{utile} in W/(m·K)

A+

Emissions to indoor
air



APPLICATION

Non-loadbearing external and internal walls and infill in solid, skeleton and timber frame construction, internal insulation and lining walls on existing walls, partitions, insulation of flat and pitched roofs and floors. Laid in thin bed with adhesive mortar or in thick bed with masonry mortar, both lime- or clay-based. Only with vapour-permeable mineral plasters.

TECHNICAL DATA

Thickness (mm)	Format (mm)	Weight (kg)	R (m²K/W)
100	600 × 300	7	1.41
150	600 × 300	11	2.11
200	600 × 300	14	2.82
300	600 × 300	21	4.23

Composition: hemp shives, lime, water · environmental product declaration FDES (INIES) for 200 and 300 mm · non-loadbearing

FORMATS AND SUPPLY

Thickness (mm)	Format (mm)	Blocks/m ²	Blocks/pallet	m ² /pallet
100	600 × 300	5.5	120	21.6
150	600 × 300	5.5	80	14.4
200	600 × 300	5.5	60	10.8
300	600 × 300	5.5	56	7.2

INSTALLATION

- Lay in thin bed with adhesive mortar or in thick bed with masonry mortar, both lime- or clay-based.
- Cut with a saw; extract dust at source.
- Only vapour-permeable mineral plasters.
- For details see the installation guide.

STORAGE AND TRANSPORT

- On site, store in a ventilated room or under a roof, otherwise cover with a tarpaulin that allows air to circulate at the sides.
- Cover the top of walls under construction when it rains.
- Avoid impacts and rough handling.
- Coordinate delivery dates with construction progress.

SAFETY INFORMATION

- Lime-based mortars and plasters are alkaline: avoid skin and eye contact; wear safety goggles, work gloves and full-body clothing.
- When sawing and chasing, extract dust at source and wear respiratory protection where dust occurs.
- Observe the safety data sheets of the mortars and plasters used.

Basis: Declaration of Performance No. 006/2026. This technical information has been compiled on the basis of the latest state of the art and our experience. Owing to the variety of substrates and site conditions, the purchaser/user is not released from the obligation to check the materials professionally for their suitability for the intended purpose.