

HEMPCRETE BLOCK

HEMPLITH® *Block PL*

Solid hempcrete block made of hemp shives, lime and clay for insulating walls and infill.

B-s1,d0

Reaction to fire to
EN 13501-1

0.069

λ , dry, in W/(m·K)

**up to
4.64**

R in m²K/W



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 with lime or clay mortar, only with vapour-permeable lime- or clay-based plasters.

TECHNICAL DATA

Thickness (mm)	Format (mm)	Dry weight (kg)	R dry (m²K/W)
70	590 × 285	3.7	1.01
110	590 × 285	5.9	1.59
150	590 × 285	8.0	2.17
200	590 × 285	10.7	2.90
250	590 × 285	13.4	3.62
285	590 × 320	17.1	4.13
320	590 × 285	17.1	4.64

Composition: hemp shives, lime, clay · dry density $318 \pm 10 \text{ kg/m}^3$ · water vapour resistance factor μ 6.51 · capillary water absorption 8.3 g/(m²·s) · non-loadbearing

FORMATS AND SUPPLY

Thickness (mm)	Format (mm)	Blocks/m ²	Blocks/pallet	m ² /pallet
70	590 × 285	5.7	90	15.8
110	590 × 285	5.7	54	9.5
150	590 × 285	5.7	42	7.4
200	590 × 285	5.7	30	5.6
250	590 × 285	5.7	24	4.4

Pallet data for 285 and 320 mm on request.

INSTALLATION

- Lay with lime or clay mortar.
- Cut with a saw; extract dust at source.
- Only vapour-permeable lime- or clay-based plasters.
- For details see the installation guide.

STORAGE AND TRANSPORT

- Outdoors, protected from rain: storable for up to 6 months; indoors up to 2 years.
- 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. 005/2026. 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.