

CLIMATE BOARD

HEMPLITH®

Mineralboard

Vapour-permeable plaster base made of hemp shives for lime and clay plaster, ideal for preventing and treating mould.

B-s1,d0Reaction to fire to
EN 13501-1**0.069** λ in W/(m·K)**A+**Formaldehyde and
VOC emissions

APPLICATION

Non-loadbearing plaster base board for walls, ceilings, sloped ceilings and interior fit-out in dry interior areas. Suitable as a moisture-buffering layer, for loft conversions, timber joist ceilings, renovation of existing buildings and capillary-active internal insulation. Only with vapour-permeable finishes such as lime and clay plaster; dispersion paints, latex paints and wallpaper are not permitted.

TECHNICAL DATA

Property	20 mm	30 mm
Reaction to fire to EN 13501-1	B-s1,d0	B-s1,d0
Thermal conductivity λ	0.069 W/(m·K)	0.069 W/(m·K)
Water vapour resistance factor μ	1.8	2.1
sd value	0.03 m	0.06 m
Density	approx. 340 kg/m ³	approx. 340 kg/m ³
Tensile strength perpendicular to faces	118 kPa	74 kPa
Thickness swelling	0.7 %	0.9 %
Surface	open-pored, both faces	open-pored, both faces

Composition: hemp shives and mineral binders, formaldehyde-free.

FORMATS AND SUPPLY

Thickness	Format (mm)	Boards/m ²	Boards/pallet	m ² /pallet
20 mm	1,200 × 600	0.72	60	43.2
30 mm	1,200 × 600	0.72	40	28.8

Other formats on request.

INSTALLATION

- Cutting with circular saw, jigsaw and hole saw; use sharp saw blades suitable for the material.
- Support the board cleanly and adequately when cutting.
- Only vapour-permeable finishes such as lime and clay plaster.
- For details see the installation guide.

STORAGE AND TRANSPORT

- Store dry, level and fully supported on pallets.
- Protect from precipitation, rising damp, mechanical damage and soiling.
- Transport lying flat; remove packaging only immediately before installation.
- Do not install wet, damaged or deformed boards.

SAFETY INFORMATION

- Cutting produces dust: wear safety goggles, work gloves and full-body work clothing, and respiratory protection where dust occurs.
- Extract dust at source and ventilate work areas adequately.
- Observe the safety data sheets of the mortars, plasters and coatings used.

Basis: Declaration of Performance No. 004/2023. 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.