

ACOUSTIC PANEL

SILENTLITH®

acoustic pro

Exposed acoustic panel made of hemp shives for walls and ceilings. Cement-free with magnesite binder, free of synthetic fibres and formaldehyde.

up to 0.70

weighted sound
absorption
coefficient α_w

B-s1,d0

Reaction to fire to
EN 13501-1

A+

Formaldehyde and
VOC emissions



APPLICATION

Non-loadbearing acoustic panel for exposed wall and ceiling surfaces in interior areas and in roofed exterior areas protected from direct weathering. Suitable for offices, meeting rooms, hospitality, schools, nurseries, music rooms, studios and living spaces.

TECHNICAL DATA

Property	20 mm	30 mm
α_w , panel directly on substrate	0.30	0.45
α_w , 100 mm cavity	0.55	0.55
α_w , best declared build-up	0.70	0.65
Reaction to fire to EN 13501-1	B-s1,d0	B-s1,d0
Density	340 kg/m ³	340 kg/m ³
Weight per unit area	approx. 8.9 kg/m ²	approx. 9.0 kg/m ²
Surface · edge	sanded, open-pored · square	sanded, open-pored · square

Composition: hemp shives and magnesite binder, cement-free; natural pigments depending on surface; free of synthetic fibres and formaldehyde. α_w to ISO 11654, measured to EN ISO 354.

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

Further standard formats: 600 × 600 and 625 × 625 mm. Maximum format on request: 2,500 × 1,200 mm.

INSTALLATION

- Allow the panels to acclimatise to the room conditions before installation.
- Cut with sharp saw blades suitable for the material.
- Mount on a substructure or directly on the substrate.
- For details see the installation guide.

STORAGE AND TRANSPORT

- Store flat and level in the original packaging.
- Store dry, frost-free, clean and in stable climatic conditions.
- Transport carefully; protect from moisture and mechanical damage.
- Improper storage or moisture absorption can lead to deformation.

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.

Basis: Declaration of Performance No. 003/2026. 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.