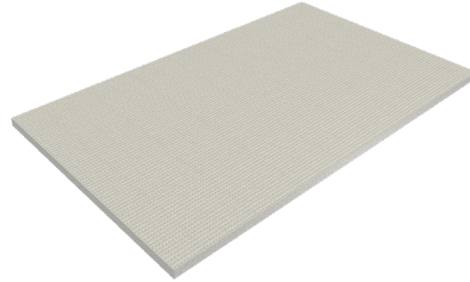


akurit LBP

Lightweight building panel

plaster baseboard for decoupling ETICS components

- non-flammable A2-s1, d0 according to EN-13501-1
- dimensions: 800 x 1200 mm
- thickness: 10 mm



Applications

- for increasing the mechanical resistance in the areas at risk of impact
- universal use for all substrates and mortarless constructions

Properties

- moisture-resistant, yet not suitable for permanent contact with fluid water
- low weight
- good impact and shock resistance
- mesh-reinforced on both sides
- frost resistant
- easy processing
- Cut with cutter knife
- bright appearance
- mesh reinforcement visible on both sides
- good dimensional stability
- Very low temperature expansion

Composition

- organically bonded expanded glass granulate
- alkali-resistant reinforcement mesh

Substrate

Condition / Testing

- The substrate must be dry, load-bearing, clean, dust-free and free of adhesion-reducing residues, release agents, efflorescence and sintered coatings.

Pretreatment

- When used as butt and wall protection board in ETICS, the insulation thickness must be reduced by the layer thickness of the board (10 mm) plus the adhesive mortar thickness.

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Lightweight building panel

Processing

Applying / Processing / Assembling

- Score one side of the panel with the cutter knife (cut through the fabric), break cleanly along one edge of the panel and cut through the fabric on the opposite side.
- Processing as mechanical reinforcement in areas at risk of impact: Glue the panel over its entire surface. Apply the adhesive mortar with a notched trowel to the entire surface of the panel and comb through. Install the panel in a bond, level and press-jointed.
- When used as a wall protection panel in ETICS, the panel must also be fixed to the substrate with plate anchors.
- For level dowelling, mill recesses in the panel with the akurit WSP-F milling attachment to accommodate the dowel plate.
- Installation on non-load-bearing pre-wall or drywall constructions on timber or metal stud frame: Commercially available drywall screws approx. 3.5 x 35 mm are suitable for screwing. Form an adhesive joint with Soudal Fix All Flexi by applying it to the dust-free right-angled board edge of the pre-assembled first lightweight board. Press the second board tightly against the first so that the joint adhesive fills the joint completely (joint width > 0 and < 1 mm). Push off dried excess material with a spatula.

Subsequent coating / workability

- Apply mineral reinforcement layer directly onto the board primed with akurit GPG Putzgrund. An additional 20 cm wide reinforcing fabric strip must be embedded in the transition area between the protective board and the insulation board. Execution according to system specification.

Notes

- The panels must not be exposed to any permanent moisture penetration or waterlogging.
- Damaged panels must be replaced before coating.

Storage

- Store dry and as per instructions.
- Protect against direct sunlight.

Technical Data

Bulk density	approx. 540 kg/m ³
Fire behaviour	A2-s1, d0 according to EN 13501
Thermal conductivity according to EN 52612	0.09 W/(mK)
Water vapour diffusion resistance μ	15
Bending modulus	1800 – 2000 N/mm ² according to DIN EN ISO 178

All data are average values that were determined under laboratory conditions according to relevant test standards and application tests. Deviations are possible under practical conditions.

General notes

This information sheet provides only general recommendations. Should you have any queries relating to a specific application, please contact our technical sales advisor or call our hotline: +49 541 601-601. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.