

HFD GUTEX corner insulation wedge 041

**Interior insulation board in accordance with DIN
EN 13171 made of normally flammable wood fiber
(WF) – building material class E**

Insulation panel acc. EN 13171

- thermal conductivity: $\lambda = 0.041 \text{ W/(mK)}$
- Dimensions: 1250 × 300 mm
- Thickness: tapering from 30 to 5 mm



Applications

- for insulating critical points in the interior, e.g. connecting internal walls to the external wall

Properties

- made from untreated fir and spruce wood from domestic cultivation
- very good heat storage capacity for good protection against heat in summer and cold in winter
- vapour diffusion permeable
- high sound insulation
- shockproof
- biologically harmless
- excellent heat storage capacity, protection against heat in summer and cold in winter

Substrate

Condition / Testing

- The substrate must be dry, clean, load-bearing, dust-free, absorbent and free of adhesion-reducing residues, release agents, efflorescence and sintered coatings.
- The load-bearing capacity, particularly of old plaster and old paintwork, must be properly tested (e.g. by carrying out a pull-out test or cross-cut test).

Processing

Applying / Processing / Assembling

- For detailed and comprehensive installation instructions on board installation, fastenings and plaster application, see the akurit HFD GUTEX Thermoroom brochure.
- Cutting is carried out using a hand-held circular saw, jigsaw or circular table saw.
- Use akurit KSN Natural Lime Filler for bonding and reinforcing the insulation boards.
- Full-surface bonding is achieved using the buttering-floating method.
- Position insulation panels tightly immediately, at the latest however 10 minutes after applying the adhesive, with at least 10 cm overlap butt jointed. Then press on the panels with a large, clean plastering float.
- Do not allow any adhesive mortar to get into the panel joints.
- Panel offsets can be levelled using a sanding board.

Subsequent coating / workability

- It is possible to process bonded panels further once the adhesive mortar has hardened sufficiently.

Notes

- Damaged or soaked insulation panels must not be installed. Adhesive mortar in the panel joints, the use of contaminated leftover panels as well as patchwork must be avoided.

Storage

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

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Technical Data

Technical specification	EN 13171
Designation key	
Application abbreviation	DI-zg; WI-zg according to DIN 4108-10
Panel format	L x W (mm): 1250 x 300
Nominal value of thermal conductivity λ	0.039 W/(mK)
Rated value of the thermal conductivity λ	0,041 W/(mK)
Fire behaviour	E
Bulk density	approx. 130 kg/m ³
Water vapour diffusion resistance μ	3
Compressive strength	≥ 50 kPa
Tensile strength vertical to panel plane	≥ 10 kPa
Specific heat capacity	2100 J/(kg \times K)

Safety and disposal instructions

Dispose!

- Dispose of the material in accordance with the official regulations.
- EWC code no.: 030105 or 170201

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.