

PRODUCT

Wood fiber climatic chamber insulation element that can be plastered with all-round tongue and groove.

APPLICATIONS

UdiCLIMATE® insulation boards are used to clad wood and metal post constructions in Interior work. For interior walls, cladding, ceiling and roof surfaces in dry construction. When surface coating follows the UdiGRUNDSPACHTEL® depending on the application UdiMULTIGRUND.

COMPONENTS

- Natural wood fibers from softwood residues 52.0%
- Kraft paper made from natural wood 48.0%
- Layer bonding

CHARACTERISTICS

UdiCLIMATE® is the sound-absorbing variant for ecological drywall and interior construction with the specialty of being plastered. With the above-average flexural rigidity, center distances of up to 31 ½ inches can be bridged. The waiver of additional battens and laying with flying joints brings further savings in working time. The element offers excellent sound insulation, has a climate-stabilizing effect and prevents “radiation cold”. The board can be processed simply and easily with common woodworking tools as a one-man board. Ideal for subsequently installed cellulose blown insulation.

TECHNICAL SPECIFICATIONS

Marking wood fiber EN 622 - 4 SB - E1

CHARACTERISTICS VALUE	DECLARED VALUE
Thermal resistance (30 mm)	0,604 m2 K/W
Fire behavior according to DIN EN 13501-1	E
Raw density wood fiber	ca. 230 kg/m3
Water vapor diffusion resistance coefficient μ	5
Specific Heat storage capacity c of the wood fiber	2100 J/kg K
Waste Key	EAK-Code 030105 / 170201

QUALITY CONTROL

Wood fiber produced and monitored in accordance with din en 13986

STORAGE

Cool and not exposed to sublight, dry, lying down

Thickness	Dimension	Pallet	QTY/PALLET
30MM (1 3/16 IN)	4 17/32 X 2 61/64	28 PCS/PALLET	260 FT2/PALLET

Processing

The panels are cut with an electric jigsaw, circular saw, cutting disc or cutter knife (in individual cases). The panels do not have to be butted onto the substructure. Flying joints are glued over the entire surface with the solvent-free UdiSPEZAILKLEBER® in the tongue and groove connection. It is attached using UdiMONTAGE® Climateschraub. This set includes a special screw combination with plate holder and wood construction screw for wooden substrates or drywall screws for metal structures. Each panel is attached to the substructure with 3 screws per panel / rafter or stand contact. Then UdiGRUNDSPACHTEL® or UdiMULTIGRUND® (depending on the building physics application) with the UdiARMIERUNG fabric inlay, embedded in the upper third overlapping 2/5 inches and smoothly peeled off, is used as the surface coating.