

## PRODUCT

Versatile wood fiber insulation element with smooth all-round edge for roof and floor areas

## APPLICATIONS

UdiTHERM® strong wood fiber insulation boards are used in the upper story ceiling and in all floor areas with high demands on the payload area, such as under heavy-duty dry and wet screed, for mastic asphalt screed.

## COMPONENTS

Softwood fibers, approx. 3% PVAc white glue (for connecting the board layers from 40 mm).

## CHARACTERISTICS

- Open to diffusion
- Pressure resistant
- Improved summer heat protection
- Ecologically harmless, environmentally friendly and recyclable

## TECHNICAL SPECIFICATIONS

Marking WF - EN 13171 - T5 - DS (70, -) 2 - CS (10/Y) 150 - TR10 - MU5

CHARACTERISTICS VALUE	DECLARED VALUE
Nominal value of thermal conductivity $\lambda_D$	0,048 W/MK
Design value of the thermal conductivity $\lambda$	0,050 W/MK
Fire behavior according to DIN EN 13501-1	
Gross Density	E
Tensile strength perpendicular to the plane of the plate	ca. 250 kg/m <sup>3</sup>
Compressive strength	≥ 10 kPa
Compressive stress at 10% compression $\sigma_{10}$	0,15 N/mm <sup>2</sup>
Water vapor diffusion resistance coefficient $\mu$	5
Specific Heat storage capacity C	2100 J/kg K
Waste key	EAK-Code 030105 / 170201

## PRODUCT QUALITY

Produced and monitored in accordance with DIN EN 13171

## STORAGE

Cool and not exposed to sunlight, dry, lying down.

Items No.	Thickness	Dimensions	Pcs/Pallet	Ft <sup>2</sup> /Pallet	R-Value
198020	20mm (0 25/32 in)	53 5/32 x 23 5/8	112	976.50	R-4
198040	40mm (1 37/64 in)	53 5/32 x 23 5/8	56	488.25	R-4,8
198060	60mm (2 23/64 in)	53 5/32 x 23 5/8	38	331,31	R-7,9
198080	80mm (3 5/32 in)	53 5/32 x 23 5/8	28	244,12	R-10,3
198100	100mm (3 15/16 in)	53 5/32 x 23 5/8	22	191,81	R-13,8

## Processing

In principle, only install on a clean, aligned and resilient substrate. Wooden floors re-screw and repair damaged areas. UdiTHERM strong is primarily installed floating. In order to optimize the waste, the next row is started with the cut last panel of the previous row. Edge distance to the wall at least 2/5 inches. Lay parquet or laminate floors in compliance with the expansion joints (observe manufacturer's specifications). When installing installation panels or dry screed elements, the UdiTHERM strong edge spacing of  $\geq 2/5$  inches must be observed and laid floating, unless otherwise specified. Suitable for mastic asphalt, cement screed and dry screed elements as a lower insulation layer. Use appropriately matched power tools with hard metal fittings and dust extraction to create cuts.