

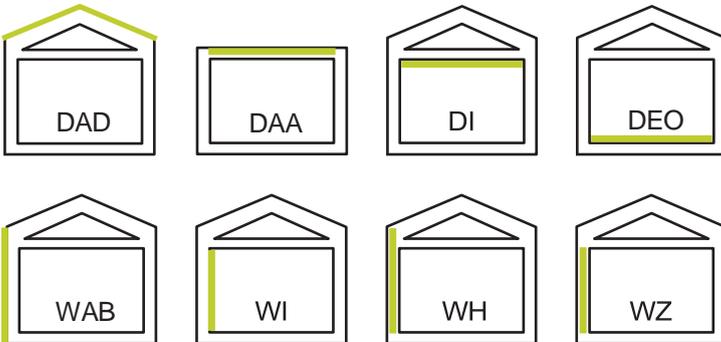


Product data sheet naturheld Roof 220

Natural insulation with naturheld

Version Nr.: 003, Valid from 01.03.2024

AREAS OF APPLICATION



- ▲ High-strength insulation board for various applications
- ▲ Temporarily weatherable on-roof insulation, from 15° roof pitch, categorised in class 3 ZVDH
- ▲ UDP-A: Tested as a rainproof sub-roof in accordance with ÖN B4119 by Holzforschung Austria
- ▲ Can be exposed to the weather for up to 12 weeks if the roof is open from below and the underlay is visible
- ▲ Can be exposed to the weather for 4 weeks if the roof is extended and insulated
- ▲ As a pressure-resistant substructure for dry screed

PROPERTIES OF NATURHELD ROOF 220			
Label		WF-EN 13171-T5-CS(10/Y)200-TR30-DS(70,-)3-AFr100-WS1,0-MU5	
Density	kg/m ³	220	
Nominal thermal conductivity λD	W/mK	0,047	
Rated thermal conductivity λB	W/mK	0,049	0,051
Fire behaviour according to DIN EN 13501-1		E	
Building material class according to DIN 4102-1		B2	
Full declaration		Wood fibres, PMDI adhesive, paraffin, latex	
Production method		Dry process	
Compressive stress at 10% compression	kPa	200	
Tensile strength perpendicular to the plane of the panel	kPa	30	
Water vapour diffusion resistance factor	μ	5	
Specific heat capacity	J/(kg*K)	2100	
Dynamic stiffness	MN/m ³	100	
Length-related flow resistance	kPa*s/m ²	>100	
Waste key numbers according to AVV		030105/170201, Wood and wood-based materials, waste wood category A II	
Areas of application according to DIN 4108-10		DAD ds, DAA ds, DI, DEO ds, WAB ds, WI, WH, WZ	



Product data sheet naturheld Roof 220

Natural insulation with naturheld

Version Nr.: 003, Valid from 01.03.2024

FORMATS | EDGES | THICKNESSES

▲ Applications: UDP-A soffit panel

Format (mm)	Edges	Thickness (mm)	m ² /Pallet	pcs/Pallet
2525 x 580	T+G	22	152,308	104
		35	93,728	64

LOADING	2525 x 580 mm
Pallet format:	ca. 255 * 120 * 120 cm
Pallets per truck (Standard truck: inside 2,40 m wide, 13,60 m long)	20
Pallet height (incl. pallet)	130 cm

All dimensions are cover dimensions, tongue and groove depth 2.5cm

ATTENTION: For boards with tongue & groove, we calculate cover dimensions. This results in a price saving of approx. 4 - 6 %!

