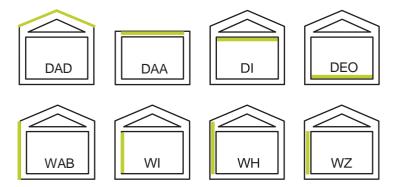


Product data sheet naturheld Roof 180

Natural insulation with naturheld

Version Nr.: 003, Valid from 01.03.2024

AREAS OF APPLICATION





- Robust, rainproof sub-roof panel
- ▲ Rainproof sub-roof according to ZVDH regulations from 15° roof pitch
- ▲ 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

PROPERTIES OF NATURHELD ROOF 180						
Label		WF-EN 13171-T5-CS(10/Y)150-TR30-DS(70,-)3-AFr100- WS1,0-MU3				
Density	kg/m³	180				
Nominal thermal conductivity λD	W/mK	0,043				
Rated thermal conductivity λB	W/mK	0,045 0,047 0,043 +				
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	150				
Tensile strength perpendicular to the plane of the panel	kPa	30				
Water vapour diffusion resistance factor	μ	3				
Specific heat capacity	J/(kg*K)	2100				
Dynamic stiffness	MN/m³	40 mm < 90, 60mm < 60, 80mm < 50, 100mm < 45				
Length-related flow resistance	kPa*s/m²	>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, DAA ds, DI, DEO ds, WAB ds, WI, WH, WZ				



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FORMATS | EDGES | THICKNESSES

▲ Applications: UDP-A underlay board

Format (mm)	Edges	Thickness (mm)	m²/Pallet	pcs/Pallet
2000 x 580	T+G	80	32,480	28
		100	25,520	22

The following thicknesses are available as combination panel **WAND 180 UDP-A**Further information on our rendered roof panel can be found on page 24/25

Format (mm)	Edges	Thickness (mm)	m²/Pallet	pcs/Pallet
2525 x 580		40	82,012	56
2525 x 580	T+G	60	55,651	38
2000 x 580		60	44,080	38

LOADING	2000 x 580 mm	2525 x 580 mm
Pallet format:	ca. 200 * 120 * 120 cm	ca. 255 * 120 * 120 cm
Pallets per truck (Standard truck: inside 2,40 m wide, 13,60 m long)	26	20
Pallet height (incl. pallet)	130 cm	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 %!

