





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/m ³	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/m ³	40 mm < 90, 60mm < 60, 80mm < 50, 100mm < 45		
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, DAA ds, DI, DEO ds, WAB ds, WI, WH, WZ		



Product data sheet naturheld Roof 180

Natural insulation with naturheld

Version Nr.: 003. Valid from 01.03.2024

FORMATS | EDGES | THICKNESSES

▲ Applications: UDP-A underlay board

Format (mm)	Edges	Thickness (mm)	m ² /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)	m ² /Pallet	pcs/Pallet
2525 x 580	T+G	40	82,012	56
2525 x 580		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 %!

