



Product data sheet naturheld Roof 140

Natural insulation with naturheld

Version Nr.: 003, Valid from 01.03.2024

AREAS OF APPLICATION



- ▲ Robust, rainproof sub-roof panel with good insulation value for greater thicknesses
- ▲ 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
- ▲ 4 weeks freely weatherable

PROPERTIES OF NATURHELD ROOF 140			
Label		WF-EN 13171-T5-CS(10/Y)100-TR20-DS(70,-)3-AFr60-WS1,0-MU3	
Density	kg/m ³	140	
Nominal thermal conductivity λD	W/mK	0,041	
Rated thermal conductivity λB	W/mK	0,043	0,045
Fire behaviour according to DIN EN 13501-1		E	
Building material class according to DIN 4102-1		B2	
Full declaration		Wood fibres, polyamide (binding fiber), ammonium sulfate (fire retardant)	
Production method		Dry process	
Compressive stress at 10% compression	kPa	100	
Tensile strength perpendicular to the plane of the panel	kPa	20	
Water vapour diffusion resistance factor	μ	3	
Specific heat capacity	J/(kg*K)	2100	
Dynamic stiffness	MN/m ³	60mm<65, 80mm<50, 140mm<30	
Length-related flow resistance	kPa*s/m ²	>60	
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 soffit panel

Format (mm)	Edges	Thickness (mm)	m ² /Pallet	pcs/Pallet
2000 x 580	T+G	60	44,080	38
		80	32,480	28
		100	25,520	22
		120	20,880	18
		140	18,560	16
		160	16,240	14
		180*	13,920	12
		200*	11,600	10
		220*	11,600	10

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

