



Product data sheet naturheld Therm 140

Natural insulation with naturheld

Version Nr.: 003, Valid from 01.03.2024

AREAS OF APPLICATION



- ▲ Substructure panel for roofs and walls (not weatherproof)
- ▲ Plaster base for interior wall insulation
- ▲ Underlay for floor coverings

PROPERTIES OF NATURHELD THERM 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 λ _D	W/mK	0,041	
Rated thermal conductivity λ _B	W/mK	0,043	0,045
			0,041
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	
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	
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		DAA ds, DI, DEO ds, WAB ds, WI, WH, WZ	



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FORMATS | EDGES | THICKNESSES

Format (mm)	Edges	Thickness (mm)	m ² /Pallet	pcs/Pallet
1500 x 600	Square-edged	40*	50,400	56
		60*	34,200	38
		80	25,200	28
		100	19,800	22

LOADING	1500 x 600 mm
Pallet format:	ca. 150 * 120 * 120 cm
Pallets per truck (Standard truck: inside 2,40 m wide, 13,60 m long)	34
Pallet height (incl. pallet)	130 cm

