

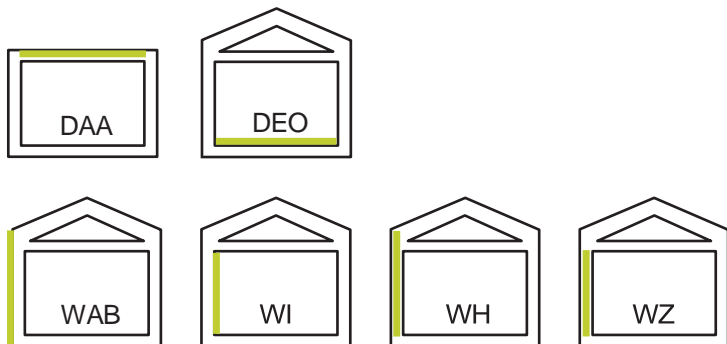


# Product data sheet naturheld Therm 110

Natural insulation with naturheld

Version Nr.: 003, Valid from 01.03.2024

## AREAS OF APPLICATION



▲ Substructure panel for roofs and walls (not weatherproof)

PROPERTIES OF NATURHELD THERM 110			
Label		WF-EN 13171-T4-CS(10/Y)50-TR10-DS(70,-)3-AFr20-WS1,0-MU3	
Density	kg/m <sup>3</sup>	110	
Nominal thermal conductivity λ <sub>D</sub>	W/mK	0,039	
Rated thermal conductivity λ <sub>B</sub>	W/mK	0,041	0,043  0,039
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	50	
Tensile strength perpendicular to the plane of the panel	kPa	10	
Water vapour diffusion resistance factor	μ	3	
Specific heat capacity	J/(kg*K)	2100	
Dynamic stiffness	MN/m <sup>3</sup>	40mm<60, 80mm<40, 100mm<30, 160mm<20	
Length-related flow resistance	kPa*s/m <sup>2</sup>	40mm>55, 80mm>50, 100mm>45, 160mm>35	
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 dh, DEO dm, WAB dm, WI, WH, WZ	



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## FORMATS | EDGES | THICKNESSES

Format (mm)	Edges	Thickness (mm)	m <sup>2</sup> /Pallet	pcs/Pallet
1500 x 600	Square-edged	80	25,200	28
		100	19,800	22
		120	16,200	18
		140	14,400	16
		160	12,600	14

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

