



Product data sheet naturheld Wall 140

Natural insulation with naturheld

Version Nr.: 003, Valid from 01.03.2024

AREAS OF APPLICATION



- ▲ Versatile insulation panels with tongue and groove profiling
- ▲ Also suitable for non-weatherproof on-roof insulation; the insulation must be protected with suitable sheeting or UDP-A subroof panel
- ▲ As wall insulation panel: weatherproof for 4 weeks
- ▲ EIFS insulation for timber-frame construction with centre-to-centre dimension of up to 83.3 cm
- ▲ For interior and exterior use, can be plastered directly
- ▲ Suitable as interior insulation and as floor insulation below screed

PROPERTIES OF NATURHELD WALL 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, 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, 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		DAA ds, DI, DEO ds, WAB ds, WAP, WI, WH, WZ	



Product data sheet naturheld Wall 140

Natural insulation with naturheld

Version Nr.: 003, Valid from 01.03.2024

FORMATS | EDGES | THICKNESSES

Format (mm)	Edges	Thickness (mm)	m ² /Pallet	pcs/Pallet
1500 x 580	T+G	80	24,360	28
		100	19,140	22
		120	15,660	18
		140*	13,920	16

LOADING	1500 x 580 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

