

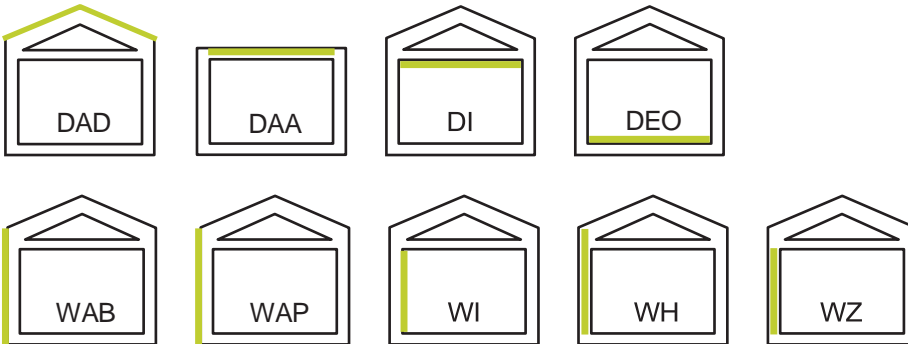


Product data sheet naturheld Wall 180 UDP-A

Natural insulation with naturheld

Version Nr.: 003, Valid from 01.03.2024

AREAS OF APPLICATION



- ▲ Robust insulation panel for use as substructure and as EIFS for timber-frame construction
- ▲ Rainproof subroof in accordance with ZVDH regulations for roof pitch from 15°
- ▲ UDP-A: Tested as rainproof subroof by Holzforschung Austria in accordance with ÖN B4119
- ▲ Weatherproof for up to 12 weeks if structure is open from inside and insulation panel is visible
- ▲ Weatherproof for 4 weeks on completed and insulated component
- ▲ EIFS insulation for timber-frame construction with centre-to-centre dimension of up to 83.3 cm
- ▲ With tongue and groove profiling or in large formats with square edge

PROPERTIES OF NATURHELD WALL 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 λ _D	W/mK	0,043	
Rated thermal conductivity λ _B	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	
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	
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, WAP, WI, WH, WZ	



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FORMATS | EDGES | THICKNESSES

▲ Applications: ETICS and underlay board

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

▲ Applications: Large format for prefabrication

Format (mm)	Edges	Thickness (mm)	m ² /Pallet	pcs/Pallet
2700 x 1250	Square-edged	60*	64,125	19

Format (mm)	Edges	Thickness (mm)	m ² /Pallet	pcs/Pallet
3000 x 1250	Square-edged	60	71,250	19

LOADING	3000 x 1250 mm	2700 x 1250 mm
Pallet format:	ca. 300 * 125 * 120 cm	ca. 270 * 125 * 120 cm
Pallets per truck (Standard truck: inside 2,40 m wide, 13,60 m long)	8	10
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 %!

