



naturheld 180




AREAS OF APPLICATION DIN 4108-10:

DAD, DAA-ds, DI, DEO-ds, WAB-ds, WAP, WI, WH, WZ, DZ



- ▲ Robust universal insulation board
- ▲ UDP-A underlay board as a rainproof sub-roof in accordance with ZVDH regulations from a roof pitch of 15°
- ▲ UDP-A: Tested as a rainproof sub-roof in accordance with ÖN B4119 at Holzforschung Austria
- ▲ ETICS for timber frame construction up to 83.3 cm centre distance
- ▲ Numerous approved plaster systems
- ▲ Can be exposed to the weather for up to 12 weeks if the construction is open from the inside and the insulation board is visible
- ▲ Can be exposed to the weather for 4 weeks when the component has been removed and insulated
- ▲ For rear-ventilated facades
- ▲ Can be plastered directly for interior insulation
- ▲ For the attic ceilings
- ▲ For floor insulation under wet screed
- ▲ Suitable for flat roof insulation

TECHNICAL DATA:

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 EU		 W/(mK)	0,043
Rated thermal conductivity	λ_B DE	 W/(mK)	0,045
	λ_B CH	 W/(mK)	0,043
	λ_B AT	 W/(mK)	0,047
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	
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/(kgK)	2100
Dynamic stiffness		MN/m ³	40 mm < 90, 60mm < 60
Linear 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	

▲ Previous name: naturheld Wand 180 UDP-A



PACKAGING INFORMATION

LARGE FORMAT, FOR PREFABRICATION

Format (mm)	Edge	Thickness (mm)	Cover dimension (mm)	m ² /pallet (gross dimension)	m ² /pallet (cover dimension)	pcs/pallet
3000x1250	square-edged	60*		71,25		19
2550x1185	Generation 2.0 with the new tongue and groove profile	60	2526x1161	57,41	55,72	19

LONG FORMAT WITH TONGUE AND GROOVE, FOR FAST WORK ON ROOFS AND FAÇADES

Format (mm)	Edge	Thickness (mm)	Cover dimension (mm)	m ² /pallet (gross dimension)	m ² /pallet (cover dimension)	pcs/pallet
2550x615	Generation 2.0 with the new tongue and groove profile	40	2528x593	87,82	83,95	56
		60	2526x591	59,59	56,73	38

WITH TONGUE AND GROOVE, FOR FAÇADES AND ROOFS

Format (mm)	Edge	Thickness (mm)	Cover dimension (mm)	m ² /pallet (gross dimension)	m ² /pallet (cover dimension)	pcs/pallet
1880x615	Generation 2.0 with the new tongue and groove profile	40	1858x593	64,75	61,70	56
		60	1856x591	43,94	41,68	38
		80	1856x591	32,37	30,71	28
		100	1856x591	25,44	24,13	22
		120	1856x591	20,81	19,74	18

SINGLE-VARIETY LOADING (ON STANDARD LORRY, LOADING SPACE 2,40 X 13,60M)

Panel format (mm)	Pallet dimensions (approx.)	Pallets per lorry
3000x1250	3000 x 1250 x 1300 (L x W x H)	16
2550x1185	2550 x 1185 x 1300 (L x W x H)	20
2550x615	2550 x 1210 x 1300 (L x W x H)	20
1880x615	1880 x 1210 x 1300 (L x W x H)	28

*on request