



naturheld 220



AREAS OF APPLICATION DIN 4108-10: DAD, DEO-ds, WAB-ds, WI, WH, WZ







With the new tongue and groove profile:

- ▲ High-strength insulation board for various applications
- ▲ 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 by Holzforschung Austria
- ▲ For rear-ventilated facades
- ▲ 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

Square-edged:

- ▲ As a pressure-resistant substructure for dry and wet screed
- ▲ Can be plastered directly for interior insulation
- ▲ As reveal panel for ETICS

TECHNICAL DATA:

Label		WF-EN 13171-T5-CS(10/Y)200-TR30-DS(70,-)3-AFr100-WS1,0-MU5	
Density		kg/m ³	220
Nominal thermal conductivity λ_D EU		 W/(mK)	0,047
Rated thermal conductivity	λ_B DE	 W/(mK)	0,049
	λ_B CH	 W/(mK)	0,047
	λ_B AT	 W/(mK)	0,051
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	≥ 200
Tensile strength perpendicular to the plane of the panel		kPa	≥ 50
Water vapour diffusion resistance factor			μ 5
Specific heat capacity		J/(kgK)	2100
Dynamic stiffness		MN/m ³	100
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 Dach 220 and Innen 220

PACKAGING INFORMATION

BOTTOM COVER PANEL WITH PROFILED EDGE

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	22	2530x595	163,10	156,56	104
		35	2528x593	100,37	95,94	64

SQUARE-EDGE

Format (mm)	Edge	Thickness (mm)	m ² /pallet	pcs/pallet
1250x600	stumpf	22	78,00	104
		35	48,00	64

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

Panel format (mm)	Pallet dimensions (approx.)	Pallets per lorry
2550x615	2550 x 1210 x 1300 (L x W x H)	20
1250x600	1250 x 1200 x 1300 (L x W x H)	40

