



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



naturheld 220

Compression-resistant wood fibre insulation board

Advantages and characteristics

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, in which case the insulation boards can be exposed to the elements for up to 4 months
- 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 before protecting, when installed on a solid structure

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

Labelling	WF-EN 13171-T5-CS(10/Y)200-TR35-DS(70,-)3-AFr100-WS1,0-MU5		
Density	kg/m ³	220	
Nominal thermal conductivity λ_b 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	≥ 35	
Linear flow resistance	kPa*s/m ²	> 100	
Water vapour diffusion resistance factor	μ 5		
Specific heat capacity	J/(kgK)	2100	
Dynamic stiffness	MN/m ³	100	
Waste key numbers according to AVV	030105/170201, Wood and wood-based materials, waste wood category A II		

Generation 2.0



 MADE IN GERMANY



Delivery form

FORMAT 2550 x 615 mm · BOTTOM COVER PANEL · WITH TONGUE AND GROOVE

Thickness (mm)	Cover dimension (mm)	m ² /pallet (gross dimension)	m ² /pallet (cover dimension)	pcs/pallet
22	2530 x 595	163,10	156,56	104
35	2528 x 593	100,37	95,94	64

FORMAT 1250 x 600 mm · SQUARE-EDGED

Thickness (mm)	m ² /pallet	pcs/pallet
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 (mm; approx.)	Pallets per lorry
2550 x 615	2550 x 1210 x 1300 (L x W x H)	20
1250 x 600	1250 x 1200 x 1300 (L x W x H)	40

*auf Anfrage