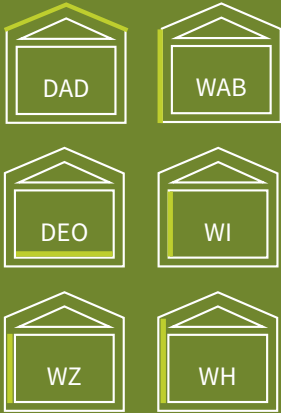




**AREAS OF APPLICATION**  
**DIN 4108-10:**  
 DAD, DEO-ds, WAB-ds,  
 WI, WH, WZ



# 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

<b>Labelling</b>	WF-EN 13171-T5-CS(10/Y)200-TR35-DS(70,-)3-AFr100-WS1,0-MU5		
<b>Density</b>	kg/m <sup>3</sup>	220	
<b>Nominal thermal conductivity <math>\lambda_b</math> EU</b>	W/(mK)	0,047	
<b>Rated thermal conductivity</b>	$\lambda_b$ DE 	W/(mK)	0,049
	$\lambda_b$ CH 	W/(mK)	0,047
	$\lambda_b$ AT 	W/(mK)	0,051
<b>Fire behaviour according to DIN EN 13501-1</b>	E		
<b>Building material class according to DIN 4102-1</b>	B2		
<b>Full declaration</b>	Wood fibres, PMDI adhesive, paraffin		
<b>Compressive stress at 10% compression</b>	kPa	≥ 200	
<b>Tensile strength perpendicular to the plane of the panel</b>	kPa	≥ 35	
<b>Linear flow resistance</b>	kPa*s/m <sup>2</sup>	> 100	
<b>Water vapour diffusion resistance factor</b>	μ 5		
<b>Specific heat capacity</b>	J/(kgK)	2100	
<b>Dynamic stiffness</b>	MN/m <sup>3</sup>	100	
<b>Waste key numbers according to AVV</b>	030105/170201, Wood and wood-based materials, waste wood category A II		

Generation 2.0



 MADE IN GERMANY



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## Delivery form

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

Thickness (mm)	Cover dimension (mm)	m <sup>2</sup> /pallet (gross dimension)	m <sup>2</sup> /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 <sup>2</sup> /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