



BEST OF LIME
INNOVATORS IN LIME PLASTERS

**AREAS OF APPLICATION
DIN 4108-10:**

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



naturheld 140





Compression-resistant wood fibre insulation board

Advantages and characteristics

- Universal, lightweight insulation board
- UDP-A underlay board as a rainproof sub-roof in accordance with ZVDH regulations from a roof pitch of 15° (T+G 60-180mm)
- UDP-A: Tested as a rainproof sub-roof in accordance with ÖN B4119 by Holzforschung Austria (T+G 60-180mm)
- ETICS insulation can be plastered directly, for timber frame construction and stud frame (T+G 80-160mm)
- Numerous approved plaster systems
- Can be exposed to the weather for 4 weeks before protecting, when installed on a solid structure
- For rear-ventilated facades in which case the insulation boards can be exposed to the elements for up to 4 months
- Can be plastered or clad directly for interior insulation
- For the top storey ceiling
- For floor insulation under wet screed
- Suitable for flat roof insulation



Technical Data

Labelling		WF-EN 13171-T5-CS(10/Y)100-TR20-DS(70,-)3-AFr60-WS1,0-MU3	
Density		kg/m ₃	140
Nominal thermal conductivity λ_{10} EU		 W/(mK)	0,041
Rated thermal conductivity	λ_{10} DE 	W/(mK)	0,043
	λ_{10} CH 	W/(mK)	0,041
	λ_{10} AT 	W/(mK)	0,045
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	≥ 100
Tensile strength perpendicular to the plane of the panel		kPa	≥ 20
Linear flow resistance		kPa*s/m ₂	> 60
Water vapour diffusion resistance factor		μ 3	
Specific heat capacity		J/(kgK)	2100
Dynamic stiffness		MN/m ₃	60 mm < 65, 80 mm < 50, 140 mm < 30
Waste key numbers according to AVV		030105/170201, Wood and wood-based materials, waste wood category A II	

Generation 2.0



Thickness (mm)

Cover dimension (mm)

m₂/pallet (gross dimension)

m₂/pallet (cover dimension)

pcs/pallet

60

1856 x 591

43,94

41,68

38