

### AREAS OF APPLICATION



DAD-ds, DAA-ds, DEO-ds, WAB-ds, WH, WZ  
(not suitable for core insulation)

- ▲ Temporarily weatherproof on-roof insulation (from 15° roof pitch, class 3 ZVDH (Central Association of German Roofing Trade))
- ▲ According to an expert opinion from Holzforschung Austria, it is suitable as a rainproof sub-roof according to ÖN B4119
- ▲ Water-repellent underlay panels for roof and wall
- ▲ Application of underlay panels according to ZVDH

PROPERTIES OF NATURHELD WOOD FIBRE INSULATION PANELS DACH 180	
Label	WF-EN 13171-T4-CS(10/Y)150-TR25-WS1,0-MU3
Density	180 [kg/m <sup>3</sup> ]
Nominal thermal conductivity $\lambda_D$	0,043 [W/(mK)]
Rated thermal conductivity $\lambda_B$	0,045 [W/(mK)]
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, Latex
Production method	Dry process
Compressive stress at 10% compression	$\geq 150$ [kPa]
Tensile strength perpendicular to the plane of the panel	$\geq 25$ [kPa]
Water vapour diffusion resistance factor $\mu$	3
Specific heat capacity	2100 [J/(kgK)]
Waste key numbers according to AVV	030105, 170201

THICKNESS IN MM	WIDTH IN MM	LENGTH IN MM	M2 PER PALLET	UNIT	EDGE	ON REQUEST
40	580	2000	64,690	56	N+F	
60	580	2000	44,080	38	N+F	
80	580	2000	32,480	28	N+F	
100	580	2000	25,520	22	N+F	

All dimensions are cover dimensions, tongue and groove depth 2.5cm

**ATTENTION:** For panels with nut and groove and a rebated edge we charge cover dimensions. This results in a price saving of approx. 4 – 6 %!