

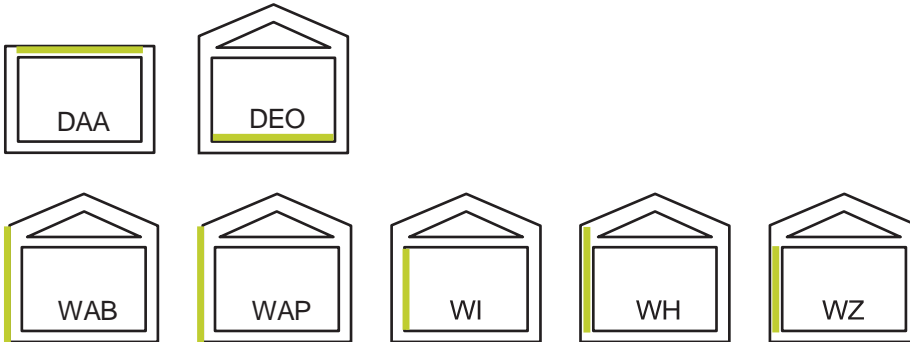


Product data sheet naturheld Wall 110

Natural insulation with naturheld

Version Nr.: 003, Valid from 01.03.2024

AREAS OF APPLICATION



- ▲ Exterior and interior insulation, can be plastered directly
- ▲ EIFS for large surfaces such as solid wood and masonry
- ▲ High-performance insulation, ideal for refurbishing masonry and for new CLT constructions

PROPERTIES OF NATURHELD WALL 110		
Label		WF-EN 13171-T5-CS(10/Y)50-TR15-DS(70,-)3-AFr20-WS1,0-MU3
Density	kg/m ³	110
Nominal thermal conductivity λD	W/mK	0,039
Rated thermal conductivity λB	W/mK	0,041 0,043 0,039
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
Production method		Dry process
Compressive stress at 10% compression	kPa	50
Tensile strength perpendicular to the plane of the panel	kPa	15
Water vapour diffusion resistance factor	μ	3
Specific heat capacity	J/(kg*K)	2100
Dynamic stiffness	MN/m ³	80mm<40, 100mm<30, 160mm<20
Length-related flow resistance	kPa*s/m ²	80mm>50, 100mm>45, 160mm>35
Waste key numbers according to AVV		030105/170201, Wood and wood-based materials, waste wood category A II
Areas of application according to DIN 4108-10		DAA dh, DEO dm, WAB dm, WAP, WI, WH, WZ



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FORMATS | EDGES | THICKNESSES

Format (mm)	Edges	Thickness (mm)	m ² /Pallet	pcs/Pallet
1200 x 400	Square-edged	80*	20,160	42
		100	14,400	30
		120	11,520	24
		140	11,520	24
		160	8,640	18
		180	8,640	18
		200	7,200	15

LOADING	1200 x 400 mm
Pallet format:	ca. 120 * 120 * 120 cm
Pallets per truck (Standard truck: inside 2,40 m wide, 13,60 m long)	44
Pallet height (incl. pallet)	130 cm

