

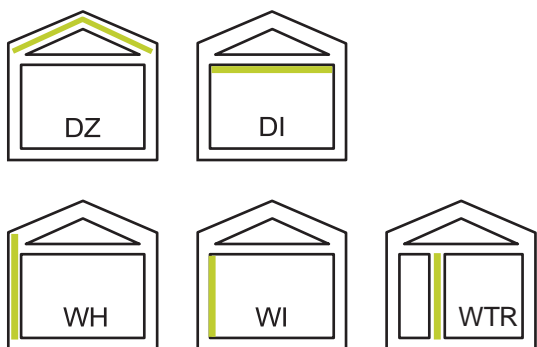


Product data sheet naturheld Flex

Natural insulation with naturheld

Version Nr.: 003, Valid from 01.03.2024

AREAS OF APPLICATION



- ▲ Insulation between rafters
- ▲ Compartment insulation of walls in timber frame and timber stud construction
- ▲ Insulation of wooden beam ceilings
- ▲ Insulation of the top storey ceilings
- ▲ Insulation of installation levels
- ▲ Insulation of ribbing on mineral substrates

PROPERTIES OF NATURHELD FLEX			
Label		WF-EN 13171-T3-MU1/2-AFr10	
Density	kg/m ³	50	
Nominal thermal conductivity λD	W/mK	0,036	
Rated thermal conductivity λB	W/mK	0,038	0,037
			0,036
Fire behaviour according to DIN EN 13501-1		E	
Building material class according to DIN 4102-1		B2	
Full declaration		Wood fibres, PP / PE (binding fibre), ammonium sulphate (fire retardant)	
Production method		Dry process	
Water vapour diffusion resistance factor	μ	1-2	
Specific heat capacity	J/(kg*K)	2100	
Declared level of airflow resistance	kPa*s/m ²	5 bis 60mm, 6 ab 80mm	
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		DZ, DI-zk, WH, WI-zk, WTR	

NEW: Lambda value 0.036



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FORMATS | EDGES | THICKNESSES

▲ Applications: Timber frame construction

Format (mm)	Thickness (mm)	m ² /Pallet	Packages per pallet	m ² per packages	Pcs/Pallet
1200 x 575	30*	110,400	10	11,040	160
	40	82,800	10	8,280	120
	50	66,240	8	8,280	96
	60	55,200	8	6,900	80
	80	41,400	10	4,140	60
	100	33,120	8	4,140	48
	120	27,600	8	3,450	40
	140	22,080	8	2,760	32
	160	20,700	10	2,070	30
	180	16,560	8	2,070	24
	200	16,560	8	2,070	24
	220*	13,800	10	1,380	20
	240	13,800	10	1,380	20
	260*	11,040	8	1,380	16
	280*	11,040	8	1,380	16
300*	11,040	8	1,380	16	

▲ Applications: Drywall construction with C-profiles

Format (mm)	Thickness (mm)	m ² /Pallet	Packages per pallet	m ² per packages	Pcs/Pallet
1250 x 625	40*	93,750	10	9,375	120
	60*	62,500	8	7,813	80
	80*	46,875	10	4,688	60

LOADING	1200 x 575 mm	1250 x 625 mm
Pallet format:	ca. 120 * 120 * 255 cm	ca. 125 * 125 * 255 cm
Pallets per truck (Standard truck: inside 2,40 m wide, 13,60 m long)	22	20



*on request