



naturheld FLEX

AREAS OF APPLICATION DIN 4108-10: DZ, DI-zk, WH, WI-zk, WTR



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



TECHNICAL DATA:

Label		WF-EN 13171-T3-MU1/2-AFr10	
Density		kg/m ³	50
Nominal thermal conductivity λ _D EU		W/(mK)	0,036
Rated thermal conductivity	λ _B DE	W/(mK)	0,038
	λ _B CH	W/(mK)	0,036
	λ _B AT	W/(mK)	0,037
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)	
Linear flow resistance		kPa*s/m ²	5 up to 60mm, 6 to 80mm
Water vapour diffusion resistance factor			μ 1-2
Specific heat capacity		J/(kgK)	2100
Waste key numbers according to AVV		030105/170201, Wood and wood-based materials, waste wood category A II	

PACKAGING INFORMATION

TIMBER FRAME CONSTRUCTION, WIDTH 575MM

Format (mm)	Thickness (mm)	m ² /pallet	pcs/pallet	Packages/ pallet	m ² /package
1220x575	30*	112,24	160	10	11,22
	40	84,18	120	10	8,42
	50	67,34	96	8	8,42
	60	56,12	80	8	7,02
	80	42,09	60	10	4,21
	100	33,67	48	8	4,21
	120	28,06	40	8	3,51
	140	22,45	32	8	2,81
	160	21,05	30	10	2,10
	180	16,84	24	8	2,10
	200	16,84	24	8	2,10
	220*	14,03	20	10	1,40
	240	14,03	20	10	1,40
	260*	11,22	16	8	1,40
	280*	11,22	16	8	1,40
	300*	11,22	16	8	1,40

DRY CONSTRUCTION WITH METAL PROFILES, WIDTH 625MM

Format (mm)	Thickness (mm)	m ² /pallet	pcs/pallet	Packages/ pallet	m ² /package
1250x625	40	93,75	120	10	9,38
	60	62,50	80	8	7,81
	80	46,88	60	10	4,69

SINGLE-VARIETY LOADING (ON STANDARD LORRY, LOADING SPACE 2,40 X 13,60M)

Panel format (mm)	Pallet dimensions (approx.)	Pallets per lorry
1220x575	1220 x 1150 x 2550 (L x W x H)	22
1250x625	1250 x 1200 x 2550 (L x W x H)	20

*on request