



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



# naturheld FLEX





## Flexible wood fibre insulation batt

### Advantages and characteristics

- Insulation between rafters
- Compartment insulation of walls in timber frame and timber stud construction
- Insulation of timber joist ceilings
- Insulation of the top storey ceilings
- Insulation of installation levels
- Insulation of ribbing on masonry substrates



### Technical Data

<b>Labelling</b>		WF-EN 13171-T3-MU1/2-AFr10	
<b>Density</b>		kg/m <sup>3</sup>	50
<b>Nominal thermal conductivity <math>\lambda_D</math> EU</b>		 W/(mK)	0,036
<b>Rated thermal conductivity</b>	$\lambda_{D, DE}$ 	W/(mK)	0,038
	$\lambda_{D, CH}$ 	W/(mK)	0,036
	$\lambda_{D, AT}$ 	W/(mK)	0,037
<b>Fire behaviour according to DIN EN 13501-1</b>		E	
<b>Building material class according to DIN 4102-1</b>		B2	
<b>Full declaration</b>		Wood fibres, PP / PE (binding fibre), ammonium sulphate (fire retardant)	
<b>Linear flow resistance</b>		kPa*s/m <sup>2</sup>	5 up to 60 mm, 6 to 80 mm
<b>Water vapour diffusion resistance factor</b>		$\mu$ 1-2	
<b>Specific heat capacity</b>		J/(kgK)	2100
<b>Waste key numbers according to AVV</b>		030105/170201, Wood and wood-based materials, waste wood category A II	

 **MADE IN GERMANY**





## Delivery form

**FORMAT 1220 x 575 mm · TIMBER FRAME CONSTRUCTION · WIDTH 575 mm**

Thickness (mm)	m <sup>2</sup> / pallet	pcs / pallet	packages / pallet	m <sup>2</sup> / package
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

**FORMAT 1250 x 625 mm · DRY CONSTRUCTION WITH METAL PROFILES · WIDTH 625 mm**

Thickness (mm)	m <sup>2</sup> / pallet	pcs / pallet	packages / pallet	m <sup>2</sup> / package
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 (mm; approx.)	Pallets per lorry
1220 x 575	1220 x 1150 x 2550 (L x W x H)	22
1250 x 625	1250 x 1250 x 2550 (L x W x H)	20

\*on request