



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

Labelling	WF-EN 13171-T3-MU1/2-AFr10		
Density	kg/m ³	50	
Nominal thermal conductivity λ_b 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 60 mm, 6 to 80 mm	
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		

 **MADE IN GERMANY**





Acara Concepts Ltd
 Killossery, Kilsallaghan,
 Co Dublin K67 E7N3, Ireland
www.acaraconcepts.com
info@acaraconcepts.com
 Tel IRL: +353 (0)1 8409 286
 Tel UK: 020 7998 1690

Delivery form

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

Thickness (mm)	m ² / pallet	pcs / pallet	packages / pallet	m ² / 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 ² / pallet	pcs / pallet	packages / pallet	m ² / 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