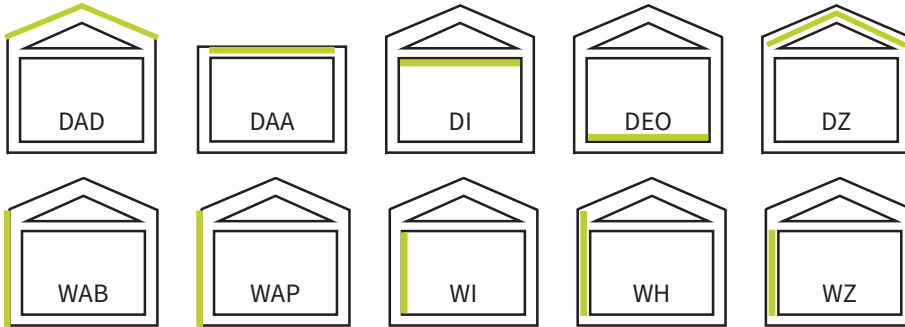






## AREAS OF APPLICATION DIN 4108-10:

DAD, DAA-ds, DI, DEO-ds, WAB ds, WAP, WI, WH, WZ, DZ



- ▲ Universal, lightweight insulation board
- ▲ UDP-A underlay board as a rainproof sub-roof in accordance with ZVDH regulations from a roof pitch of 15° (T+G 60-180mm)
- ▲ UDP-A: Tested as a rainproof sub-roof in accordance with ÖN B4119 by Holzforschung Austria (T+G 60-180mm)
- ▲ ETICS insulation can be plastered directly, for timber frame construction and stud frame (T+G 80-160mm)
- ▲ Numerous approved plaster systems
- ▲ 4 weeks freely weatherable
- ▲ For rear-ventilated facades
- ▲ Can be plastered or clad directly for interior insulation
- ▲ For the attic ceilings
- ▲ For floor insulation under wet screed
- ▲ Suitable for flat roof insulation

## TECHNICAL DATA:

Label	WF-EN 13171-T5-CS(10/Y)100-TR20-DS(70,-)3-AFr60-WS1,0-MU3	
Density	kg/m <sup>3</sup>	140
Nominal thermal conductivity $\lambda$ D EU	 W/(mK)	0,041
Rated thermal conductivity	$\lambda$ B DE  W/(mK)	0,043
	$\lambda$ B CH  W/(mK)	0,041
	$\lambda$ B AT  W/(mK)	0,045
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	
Compressive stress at 10% compression	kPa	≥ 100
Tensile strength perpendicular to the plane of the panel	kPa	≥ 20
Water vapour diffusion resistance factor		μ 3
Specific heat capacity	J/(kgK)	2100
Dynamic stiffness	MN/m <sup>3</sup>	60mm<65, 80mm<50, 140mm<30
Linear flow resistance	kPa*s/m <sup>2</sup>	>60
Waste key numbers according to AVV	030105/170201, Wood and wood-based materials, waste wood category A II	

▲ Previous name: naturheld Wand 140

# PACKAGING INFORMATION

## LARGE FORMAT, FOR THE INSTALLATION LEVEL IN PREFABRICATION

Format (mm)	Edge	Thickness (mm)	m <sup>2</sup> /pallet	pcs/pallet
2635x1250	square-edged	50*	72,46	22

## INTERIOR INSULATION AND INSTALLATION LEVEL

Format (mm)	Edge	Thickness (mm)	m <sup>2</sup> /pallet	pcs/pallet
1250x600	square-edged	40	42,00	56
		60	28,50	38

## WITH TONGUE AND GROOVE, FOR FAÇADES AND ROOFS

Format (mm)	Edge	Thickness (mm)	Cover dimension (mm)	m <sup>2</sup> /pallet (gross dimension)	m <sup>2</sup> /pallet (cover dimension)	pcs/pallet
1880x615	Generation 2.0 with the new tongue and groove profile	60	1856x591	43,94	41,68	38
		80	1856x591	32,37	30,71	28
		100	1856x591	25,44	24,13	22
		120	1856x591	20,81	19,74	18
		140	1856x591	18,50	17,55	16
		160	1856x591	16,19	15,36	14
		180	1856x591	13,87	13,16	12
		200*	1856x591	11,56	10,97	10
		220*	1856x591	11,56	10,97	10

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

Panel format (mm)	Pallet dimensions (approx.)	Pallets per lorry
2635x1250	2635 x 1250 x 1300 (L x W x H)	20
1250x600	1250 x 1200 x 1300 (L x W x H)	40
1880x615	1880 x 1210 x 1300 (L x W x H)	28

\*on request