www.naturheld.global

natur held

PRODUCT PROGRAM 2026

MADE IN GERMANY

Dear Sir or Madam,

naturheld GmbH & Co. KG offers high-quality products and solutions for thermal insulation, energy-efficient renovation, and building refurbishment. We are confident that our products will fully meet your high expectations.

You have the latest version of our brochure. The explanations and wording in our brochures assume that, as a specialist/specialist company, you are very familiar with the relevant standards for building products and construction technology, especially in timber construction and insulation technology. We have therefore refrained from providing extensive explanations that would be necessary for laypersons. Our descriptions and information correspond to our current state of knowledge.

We attach great importance to product development; we therefore reserve the right to make changes in line with technical progress and operational development. We describe the nature of our products and services only approximately and without guarantee. Application examples serve to illustrate our products and services better and do not take into account the specific features of individual cases. In specific individual cases, the user is not exempt from carefully checking the functions and possible applications of our products themselves, either by their qualified employees or by planners or specialist engineers. This also applies to the protection of third-party property rights.

The mention of trade names of other companies does not constitute a recommendation and does not exclude the use of other similar products. We recommend that you always use the latest version of our printed documents. Please contact us if you have any questions. In this context, we refer to our latest version of the General Terms and Conditions of Sale, Delivery, and Payment, which always form the basis of your business relationship with us. In particular, please refer to Section 8. You can always download the valid Terms and Conditions from our website at **www.naturheld.global**. We will also be happy to send you the Terms and Conditions by email on request.

Best regards,

ON THE GO

DIGITAL PRODUCT OVERVIEW
To keep track of the entire naturheld product portfolio while on the go, this brochure is available for download on our website. Simply scan the QR code, download, and benefit.

CONTENT

PRODUCT FINDER

Quickly find the right product for the right application

PRODUCT FINDER TO GO

FOR EVERYWHERE
The naturheld product finder is also available as a PDF for the digital know-how database, which can be downloaded from our website. Simply scan the QR code and download it directly.

PRODUCT	FORMAT (mm)	EDGE	THICKNESS (mm)	APPLICATIONS BASED ON 4108-10				APPLICATIONS BASED ON DIN 4108-10								
				DAD	DAA	DZ		DI	DEO	WAB	WAP	WZ	WH	WI		WTR
				Rafter insulation under cover sarking board	Insulation under waterproofing flat roof	Insulation between rafters,cavity insulation	For attic ceilings	Interior insulation Roof and ceiling underside	Insulation Floor under screed	Insulation behind a curtain wall	External plastered insulation, approved as ETICS insulation	Insulation between cavity walls with ventilation	Panelling of timber frame construction and timber panel construction walls,especially prefabrication	Interior wall insulation, plastered **Note:** from 60mm insulation, the structure must be inspected	Interior wall insulation panelled	Insulation of partition walls
naturheld FLOW							not walkable									
naturheld FLEX	1220 x 575	square edged	30*-240 (-300*)				not walkable					**				Wooden construction
	1250 x 625	square edged	40-80				not walkable					**				Metal construction
naturheld 100	1250 x 600	square edged	40*-160*													
naturheld 110	1200 x 400	square edged	100-200									**				
	1880 x 615	T+G	60*-120*									**				
naturheld 140	1250 x 600	square edged	40-60													
	1880 x 615	T+G	60-180 (-220*)													
naturheld 180	1880 x 615	T+G	40-120													
	2550 x 615	T+G	40-60													
	1185 x 2550	T+G	60													
naturheld 220	1250 x 600	square edged	22-35								Soffit panel					
	2550 x 615	T+G	22-35													

* on request ** behind water-draining layer Suitable product:

QUALITY THROUGH ORIGIN

For us, “Made in Germany” is much more than just a label

It is no coincidence that naturheld GmbH & Co. KG has its factory in the Upper Palatinate region of Bavaria—one of the most densely wooded areas in Central Europe.

SHORT DISTANCES AND FEWER EMISSIONS
Whenever possible, our raw materials come from the region. Being close to our suppliers not only saves us transport costs, but also CO_2 and energy. For us, sustainability doesn't just start with the product, but from the very first kilometer. At naturheld, we only use wood fibers from regional, sustainable, and certified forestry.

QUALITY THROUGH CONVICTION
“Made in Germany” stands for the highest standards, reliability, and engineering excellence worldwide. For us, it means local value creation, fair working conditions, and a high level of environmental awareness. We do not see these issues as obstacles, but as benchmarks.

A LOVE OF HOME MEETS A SPIRIT OF INNOVATION
The Upper Palatinate not only offers impressive natural scenery, but also a strong network of committed partners, producers, and sustainable pioneers. This is where we have our roots, and this is where we are actively shaping the future.

TAKING RESPONSIBILITY WHERE WE LIVE
For us, regionality means taking responsibility for people and nature on our doorstep. We create local jobs, promote local structures, and invest in sustainable development in our region.

With naturheld as your partner, you can rely on quality, regionality, and trust. From Germany, from Bavaria. Genuine quality, made in Germany.

For insulation materials that impress today and tomorrow.

naturheld GmbH & Co. KG
Parksteiner Weg 20
D-92655 Grafenwöhr

10 GOOD REASONS

Why wood fiber insulation materials from naturheld are so impressive

WATER REPELLENT
Boards are completely water-repellent and can be used on both sides.

OPTIMAL SOUND INSULATION
Reduces noise and ensures pleasant acoustics

100 % NATURAL
PEFC-certified wood from regional forest areas

DIFFUSION-OPEN CONSTRUCTION
High indoor air quality for good sleep and well-being

HEALTHY LIVING
Natural insulation made from regional wood without harmful additives

HEAT PROTECTION IN SUMMER
Cools in summer

PROTECTION AGAINST THE COLD IN WINTER
Keeps you reliably warm in winter

HIGH FIRE PROTECTION
Very slow fire progression due to heat protection and charring

CLIMATE PROTECTION
Thanks to the carbon bound in the wood, naturheld insulation actively removes CO_2 from the atmosphere

HIGH-END PRODUCTION
Absolute high-performance insulation materials are manufactured under sustainable conditions using state-of-the-art equipment.

For our environment

Located in the heart of one of Europe's most densely wooded regions, we benefit from the sustainable and responsible management of our forests. Using local timber not only supports the regional economy, but also helps to minimise the environmental impact of long transport routes.

Compared to our competitors, naturheld has the invaluable advantage of being able to use material from sawmills in the immediate vicinity. We attach great importance to processing only sawmill by-products, thus playing an important role in the sustainable utilisation of wood as a high-quality raw material. Our proximity to the sawmills also enables us to ensure consistent quality of wood chips for our production.

In the further production process, we also use other by-products such as wood chips and bark to generate most of the energy required for defibrillation ourselves. In this way, we contribute to ensuring that 100% of the high-quality raw material wood is processed into first-class products.

For everyone – become the change yourself

Climate protection is of utmost importance to us. Our insulation materials bind the CO_2 contained in wood and store it throughout the entire life cycle of the building. With our naturheld products, we can all help to reduce our carbon footprint and work together to protect the climate. Together, we can make smart decisions to reduce and reverse global warming. We cordially invite you to join us on our journey towards a more sustainable future.

MAXIMUM VALUE CREATION
We use only by-products from the regional sawmill industry to manufacture our high-performance insulation materials.

CERTIFICATES AND QUALITY SEALS

We take on genuine, sustainable responsibility

NATURHELD PEFC CERTIFIED
PEFC is a transparent and independent system for ensuring sustainable forest management. PEFC certification is recognised worldwide. Wood and paper products bearing the PEFC seal originate from ecologically, economically and socially sustainable forest management.

Naturheld's sustainable production naturally uses only PEFC-certified wood from forest areas in Bavaria.

CE COMPLIANT – EU-WIDE QUALITY PROMISE
CE stands for 'Conformité Européenne' – 'European Conformity'.
The CE marking on our naturheld products proves that our wood fibre insulation meets all applicable basic requirements of the European Union. This includes, for example, warranty, health protection, safety standards, and environmental and consumer protection.

To this end, our products have successfully undergone conformity assessment procedures. Processors throughout the EU can benefit from our CE quality promise.

BIO-BASED PRODUCT LABEL
All three product groups in our wood fibre insulation range – naturheld FEST, naturheld FLEX and naturheld FLOW – are certified bio-based products. That is why they have been awarded the Produit Biosourcé label.

This certificate confirms that the bio-based content of our products has been determined by external experts using the method standardised in EN 16785-2:2018. Due to the very high proportion of purely organic material, naturheld has been awarded the GOLD 3x rating.

NATURHELD IS 'QNG READY'
The state-issued 'Quality Seal for Sustainable Buildings' (QNG) assesses buildings holistically across their entire material life cycle. Products with the 'QNG ready' label meet the requirements of profile 3.1.3 and facilitate the selection of suitable building materials for QNG certification. Our naturheld wood fibre insulation materials are 'QNG ready' and therefore ideally suited for eligible sustainable new buildings and renovations.

GENUINE EFFICIENCY
ISO 50001 is an international standard for energy management that supports companies in systematically improving their energy efficiency.

THE AREAS OF APPLICATION

Versatile applications

naturheld wood fibre insulation materials can be used in almost all areas of the building envelope, both in new construction and renovation projects. They provide reliable thermal insulation and a balanced indoor climate for the external insulation of roofs and ceilings under roofing or waterproofing.
They also offer a durable and diffusion-open solution for energy-efficient construction on walls, whether behind plaster or ventilated cladding.

naturheld insulation materials are used in timber frame and timber panel construction within the wall structure. All naturheld products combine good insulation performance with moisture regulation and sound insulation. In this way, they contribute to a sustainable, safe and healthy building envelope.

In interior construction, wood fibre insulation materials from naturheld impress with their versatility. They are suitable for the interior insulation of walls, ceilings and roofs, as well as for room partitions and ceiling structures under screeds without special sound insulation requirements.

The result is comfortable rooms with a natural climate. Ecological, efficient and technically sophisticated.

ROOF AND CEILING INSULATION

External insulation of roof or ceiling, protected from weathering,insulation under coverings

External insulation of roof or ceiling, protected from weathering, insulation under waterproofing

Insulation between rafters, doubleskin roof, non-walkable but accessible top storey ceilings

Internal insulation of the ceiling (on the underside) or the roof, insulation under the rafters/supporting structure, suspended ceiling, etc.

Internal insulation of the ceiling or floor slab (top side) under screed without sound insulation requirements

INTERNAL AND EXTERNAL WALL INSULATION

External insulation of the wall behind cladding

External insulation of the wall under plaster

Insulation of double-skin walls, cavity insulation

Insulation of timber frame and timber panel construction

Interior wall insulation

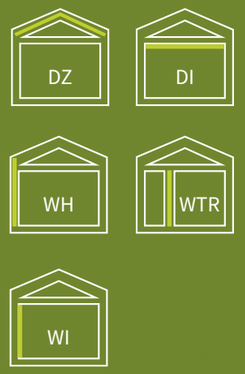
Insulation of partition walls

Insulation in the base or splash zone

KEEPING TRACK OF THINGS

EVERYTHING ABOUT OUR PRODUCTS
We have summarised all the important information about each product on our website. Ideal for when you are on the go. Simply scan the QR code and save it as a bookmark.

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



naturheld FLOW

Wood fibre blown-in insulation

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

FLOW CERTIFICATION

FREE TRAINING EVENT
We offer in-person training courses to show our customers how to effectively use naturheld FLOW wood fibre blow-in insulation. Simply register for the next available date free of charge and become a FLOW expert.

Technical Data

Labelling		ETA-23/0125	
Density		kg/m³	33-45
Nominal thermal conductivity λ_D EU		W/(mK)	0,038
Rated thermal conductivity	λ_B DE	W/(mK)	0,040
	λ_B CH	W/(mK)	0,038
	λ_B AT	W/(mK)	0,039
Fire behaviour according to DIN EN 13501-1		E	
PN-EN 13823+A1: 2022-12		B s2 d0	
Building material class according to DIN 4102-1		B2	
Full declaration		Wood fibres, ammonium sulphate (fire retardant)	
Water vapour diffusion resistance factor		μ 1-2	
Specific heat capacity		J/(kgK)	2 100
Waste key numbers according to AVV		030105/170201, Wood and wood-based materials, waste wood category A II	

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Delivery form

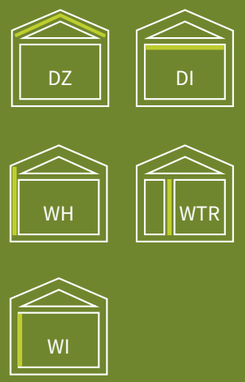
PACKAGING / WEIGHT

Packaging of the bales	Weight per bale (kg)	Bales per pallet	Weight of the pallet (kg)
packaged	15	21	315
not packaged	20	18	360

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

Packaging of the bales	Pallet dimensions (mm; approx.)	Pallets per lorry
packaged	1200 x 800 x 2550 (L x W x H)	33
not packaged	1200 x 800 x 2550 (L x W x H)	32

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/m³	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/m²	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

Delivery form

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

Thickness (mm)	m² / pallet	pcs / pallet	packages / pallet	m² / 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

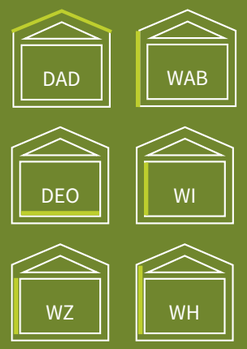
Thickness (mm)	m² / pallet	pcs / pallet	packages / pallet	m² / package
40	93,75	120	10	9,38
60	62,50	80	8	7,81
80	46,88	60	10	4,69

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

AREAS OF APPLICATION DIN 4108-10:
DAD, DEO-ds, WAB-ds, WI, WH, WZ



Generation 2.0

naturheld 220

Compression-resistant wood fibre insulation board

Advantages and characteristics

TONGUE AND GROOVE PROFILE
· High-strength insulation board for various applications
· UDP-A underlay board as a rainproof sub-roof in accordance withZVDH regulations from a roof pitch of 15°
· UDP-A: Tested as a rainproof sub-roof in accordance with ÖN B4119 by Holzforschung Austria
· For rear-ventilated facades, in which case the insulation boards can be exposed to the elements for up to 4 months
· Can be exposed to the weather for up to 12 weeks if the construction is open from the inside and the insulation board is visible
· Can be exposed to the weather for 4 weeks before protecting, when installed on a solid structure

SQUARE-EDGED
· As a pressure-resistant substructure for dry and wet screed
· Can be plastered directly for interior insulation
· As reveal panel for ETICS

Technical Data

Labelling		WF-EN 13171-T5-CS(10/Y)200-TR35-DS(70,-)3-AFr100-WS1,0-MU5	
Density		kg/m³	220
Nominal thermal conductivity λ_D EU		W/(mK)	0,047
Rated thermal conductivity	λ_B DE	W/(mK)	0,049
	λ_B CH	W/(mK)	0,047
	λ_B AT	W/(mK)	0,051
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	≥ 200
Tensile strength perpendicular to the plane of the panel		kPa	≥ 35
Linear flow resistance		kPa*s/m²	> 100
Water vapour diffusion resistance factor		μ 5	
Specific heat capacity		J/(kgK)	2100
Dynamic stiffness		MN/m³	100
Waste key numbers according to AVV		030105/170201, Wood and wood-based materials, waste wood category A II	

MADE IN GERMANY

Delivery form

FORMAT 2550 x 615 mm · BOTTOM COVER PANEL · WITH TONGUE AND GROOVE

Thickness (mm)	Cover dimension (mm)	m²/pallet (gross dimension)	m²/pallet (cover dimension)	pcs/pallet
22	2530 x 595	163,10	156,56	104
35	2528 x 593	100,37	95,94	64

FORMAT 1250 x 600 mm · SQUARE-EDGED

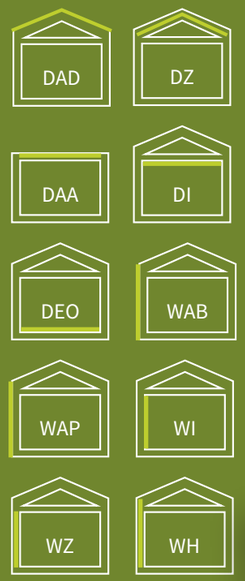
Thickness (mm)	m²/pallet	pcs/pallet
22	78,00	104
35	48,00	64

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

Panel format (mm)	Pallet dimensions (mm; approx.)	Pallets per lorry
2550 x 615	2550 x 1210 x 1300 (L x W x H)	20
1250 x 600	1250 x 1200 x 1300 (L x W x H)	40

*auf Anfrage

AREAS OF APPLICATION DIN 4108-10:
DAD, DAA-ds, DI, DEO-ds, WAB-ds, WAP, WI, WH, WZ,DZ



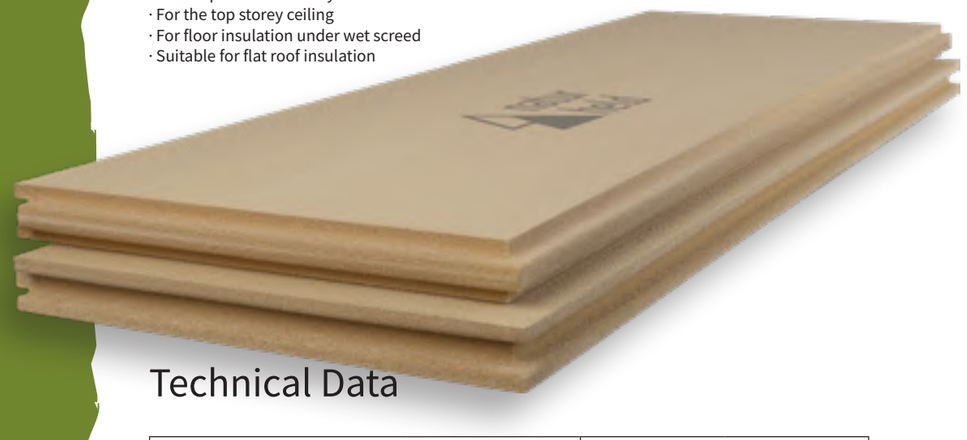
Generation 2.0

naturheld 180

Compression-resistant wood fibre insulation board

Advantages and characteristics

· Robust universal insulation board
· UDP-A underlay board as a rainproof sub-roof in accordance with ZVDH regulations from a roof pitch of 15°
· UDP-A: Tested as a rainproof sub-roof in accordance with ÖN B4119 at Holzforschung Austria
· ETICS for timber frame construction up to 83.3 cm centre distance
· Numerous approved plaster systems
· Can be exposed to the weather for up to 12 weeks if the construction is open from the inside and the insulation board is visible
· Can be exposed to the weather for 4 weeks before protecting, when installed on a solid structure
· For rear-ventilated facades, in which case the insulation boards can be exposed to the elements for up to 4 months
· Can be plastered directly for interior insulation
· For the top storey ceiling
· For floor insulation under wet screed
· Suitable for flat roof insulation



Technical Data

Labelling		WF-EN 13171-T5-CS(10/Y)150-TR30-DS(70,-)3-AFr100-WS1,0-MU3	
Density		kg/m³	180
Nominal thermal conductivity λ_D EU		W/(mK)	0,043
Rated thermal conductivity	λ_B DE	W/(mK)	0,045
	λ_B CH	W/(mK)	0,043
	λ_B AT	W/(mK)	0,047
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	≥ 150
Tensile strength perpendicular to the plane of the panel		kPa	≥ 30
Linear flow resistance		kPa*s/m²	> 100
Water vapour diffusion resistance factor		μ 3	
Specific heat capacity		J/(kgK)	2100
Dynamic stiffness		MN/m³	40 mm < 90, 60 mm < 60
Waste key numbers according to AVV		030105/170201, Wood and wood-based materials, waste wood category A II	

MADE IN GERMANY

Delivery form

FORMAT 1880 x 615 mm · FOR FAÇADES AND ROOFS · WITH TONGUE AND GROOVE

Thickness (mm)	Cover dimension (mm)	m²/pallet (gross dimension)	m²/pallet (cover dimension)	pcs/pallet
40	1858 x 593	64,75	61,70	56
60	1856 x 591	43,94	41,68	38
80	1856 x 591	32,37	30,71	28
100	1856 x 591	25,44	24,13	22
120	1856 x 591	20,81	19,74	18

LONG FORMAT 2550 x 615 mm · FOR FAÇADES AND ROOFS · WITH TONGUE AND GROOVE

Thickness (mm)	Cover dimension (mm)	m²/pallet (gross dimension)	m²/pallet (cover dimension)	pcs/pallet
40	2528 x 593	87,82	83,95	56
60	2526 x 591	59,59	56,73	38

LARGE FORMAT 2700 x 1250 mm AND 3000 x 1250 mm · FOR PREFABRICATION · SQUARE-EDGED

Format (mm)	Thickness (mm)	Cover dimension (mm)	m²/pallet (cover dimension)	pcs/pallet
2700 x 1250	60*	2700 x 1250	64,13	19
3000 x 1250	60*	3000 x 1250	71,25	19

LARGE FORMAT 2550 x 1185 mm · FOR PREFABRICATION · WITH TONGUE AND GROOVE

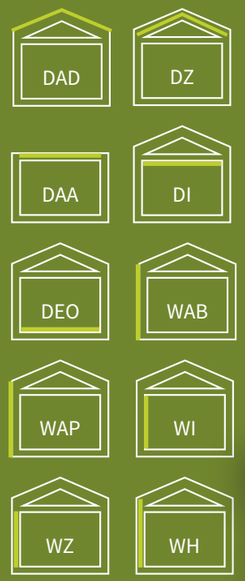
Thickness (mm)	Cover dimension (mm)	m²/pallet (gross dimension)	m²/pallet (cover dimension)	pcs/pallet
60*	2526 x 1161	57,41	55,72	19

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

Panel format (mm)	Pallet dimensions (mm; approx.)	Pallets per lorry
3000 x 1250	3000 x 1250 x 1300 (L x W x H)	16
2700 x 1250	2700 x 1250 x 1300 (L x W x H)	20
2550 x 1185	2550 x 1185 x 1300 (L x W x H)	20
2550 x 615	2550 x 1210 x 1300 (L x W x H)	20
1880 x 615	1880 x 1210 x 1300 (L x B x H)	28

*auf Anfrage

AREAS OF APPLICATION DIN 4108-10:
DAD, DAA-ds, DI, DEO-ds, WAB ds, WAP, WI, WH, WZ, DZ



Generation 2.0

naturheld 140

Compression-resistant wood fibre insulation board

Advantages and characteristics

- 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
- Can be exposed to the weather for 4 weeks before protecting, when installed on a solid structure
- For rear-ventilated facades in which case the insulation boards can be exposed to the elements for up to 4 months
- Can be plastered or clad directly for interior insulation
- For the top storey ceiling
- For floor insulation under wet screed
- Suitable for flat roof insulation

Technical Data

Labelling		WF-EN 13171-T5-CS(10/Y)100-TR20-DS(70,-)3-AFr60-WS1,0-MU3	
Density		kg/m³	140
Nominal thermal conductivity λ_D EU		W/(mK)	0,041
Rated thermal conductivity	λ_B DE	W/(mK)	0,043
	λ_B CH	W/(mK)	0,041
	λ_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
Linear flow resistance		kPa*s/m²	> 60
Water vapour diffusion resistance factor		μ 3	
Specific heat capacity		J/(kgK)	2100
Dynamic stiffness		MN/m³	60 mm < 65, 80 mm < 50, 140 mm < 30
Waste key numbers according to AVV		030105/170201, Wood and wood-based materials, waste wood category A II	

MADE IN GERMANY

Delivery form

FORMAT 1250 x 600 mm · INTERIOR INSULATION · SQUARE-EDGED

Thickness (mm)	m² / pallet	pcs/pallet
40*	42,00	56
60*	28,50	38

FORMAT 1880 x 615 mm · FOR FAÇADES AND ROOFS · WITH TONGUE AND GROOVE

Thickness (mm)	Cover dimension (mm)	m²/pallet (gross dimension)	m²/pallet (cover dimension)	pcs/pallet
60	1856 x 591	43,94	41,68	38
80	1856 x 591	32,37	30,71	28
100	1856 x 591	25,44	24,13	22
120	1856 x 591	20,81	19,74	18
140	1856 x 591	18,50	17,55	16
160	1856 x 591	16,19	15,36	14
180	1856 x 591	13,87	13,16	12
200*	1856 x 591	11,56	10,97	10
220*	1856 x 591	11,56	10,97	10

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

Panel format (mm)	Pallet dimensions (mm; approx.)	Pallets per lorry
1250 x 600	1250 x 1200 x 1300 (L x W x H)	40
1880 x 615	1880 x 1210 x 1300 (L x W x H)	28

*auf Anfrage

AREAS OF APPLICATION DIN 4108-10:
DAA-dh, DI, DZ, WAP, WI, WH, WZ

Generation 2.0

naturheld 110

Compression-resistant wood fibre insulation board

Advantages and characteristics

· High-performance insulation board for numerous applications
· Can be plastered directly as ETICS insulation
· Numerous approved plaster systems
· Can be plastered or clad directly for interior insulation
· For the top storey ceiling
· For roof insulation on formwork or CLT
· Suitable for flat roof insulation

Technical Data

Labelling		WF-EN 13171-T5-CS(10/Y)50-TR15-DS(70,-)3-AFr20-WS1,0-MU3	
Density		kg/m³	110
Nominal thermal conductivity λ_D EU		W/(mK)	0,039
Rated thermal conductivity	λ_B DE	W/(mK)	0,041
	λ_B CH	W/(mK)	0,039
	λ_B AT	W/(mK)	0,043
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	≥ 50
Tensile strength perpendicular to the plane of the panel		kPa	≥ 15
Linear flow resistance		kPa*s/m²	80 mm > 50, 100 mm > 45, 160 mm > 35
Water vapour diffusion resistance factor		μ 3	
Specific heat capacity		J/(kgK)	2100
Dynamic stiffness		MN/m³	80 mm < 40, 100 mm < 30, 160 mm < 20
Waste key numbers according to AVV		030105/170201, Wood and wood-based materials, waste wood category A II	

MADE IN GERMANY

Delivery form

FORMAT 1880 x 615 mm · FOR FAÇADES AND ROOFS · WITH TONGUE AND GROOVE

Thickness (mm)	Cover dimension (mm)	m²/pallet (gross dimension)	m²/pallet (cover dimension)	pcs/pallet
60*	1856 x 591	43,94	41,68	38
80*	1856 x 591	32,37	30,71	28
100*	1856 x 591	25,44	24,13	22
120*	1856 x 591	20,81	19,74	18

FORMAT 1200 x 400 mm · FOR FAÇADES AND ROOFS · SQUARE-EDGED

Thickness (mm)	m²/pallet	pcs/pallet
100	15,84	33
120	12,96	27
140	11,52	24
160	10,08	21
180	8,64	18
200	7,20	15

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

Panel format (mm)	Pallet dimensions (mm; approx.)	Pallets per lorry
1880 x 615	1885 x 1210 x 1300 (L x W x H)	28
1200 x 400	1200 x 1200 x 1300 (L x W x H)	44

*auf Anfrage

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

DZ WZ WI

naturheld 100

NEW

Compression-resistant wood fibre insulation board

Advantages and characteristics

· Stable insulation board for numerous applications
· For the top storey ceiling
· For roof insulation on formwork or CLT

Technical Data

Labelling		WF-EN 13171-T4-CS(10/Y)50-TR10-AFr5-WS2,0-MU3	
Density		kg/m³	110
Nominal thermal conductivity λ_D EU		W/(mK)	0,038
Rated thermal conductivity	λ_B DE	W/(mK)	0,040
	λ_B CH	W/(mK)	0,038
	λ_B AT	W/(mK)	0,042
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	≥ 50
Tensile strength perpendicular to the plane of the panel		kPa	≥ 10
Linear flow resistance		kPa*s/m²	> 5
Water vapour diffusion resistance factor		μ 3	
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

Delivery form

FORMAT 1250 x 600 mm · FOR WALLS AND ROOFS · SQUARE-EDGED

Thickness (mm)	m²/pallet	pcs/pallet
40*	42,00	56
60*	28,50	38
80*	21,00	28
100*	16,50	22
120*	13,50	18
140*	12,00	16
160*	10,50	14

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

Panel format (mm)	Pallet dimensions (mm; approx.)	Pallets per lorry
1250 x 600	1250 x 1200 x 1300 (L x W x H)	40

*on request

AREAS OF APPLICATION DIN 4108-10:
DI, DEO-ds, WI, WH

naturheld 140 INSTALL

Compression-resistant wood fibre installation insulation board

Advantages and characteristics

- Pre-milled installation channels
- Channel width 50 mm
- Channel depth 27 mm
- Ideal for installing services
- For internal use
- Distance between milled channels 75 mm
- Large format for prefabrication

Delivery form

FORMAT 2635 x 1250 mm · SQUARE-EDGED

Thickness (mm)	m²/pallet	pcs/pallet
50*	72,46	22

*on request

Technical Data

Labelling		WF-EN 13171-T5-CS(10/Y)100-TR20-DS(70,-)3-AFr60-WS1,0-MU3	
Density		kg/m³	140
Nominal thermal conductivity λ_D EU		W/(mK)	0,041
Rated thermal conductivity	λ_B DE	W/(mK)	0,043
	λ_B CH	W/(mK)	0,041
	λ_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
Linear flow resistance		kPa*s/m²	> 60
Water vapour diffusion resistance factor		μ 3	
Specific heat capacity		J/(kgK)	2100
Dynamic stiffness		MN/m³	60 mm < 65, 80 mm < 50, 140 mm < 30
Waste key numbers according to AVV		030105/170201, Wood and wood-based materials, waste wood category A II	

naturheld SIDEKICK

MADE IN GERMANY

AREAS OF APPLICATION DIN 4108-10:
WAB, WAP

NEW

naturheld LAIBUNGSPLATTE

Pressure-resistant wood fibre panels

Advantages and characteristics

- Plasterable wood fibre soffit panel for ETICS
- Can be used with ventilated cladding
- Reduction of thermal bridges
- Can be cut to the required soffit widths
- Can be exposed to the weather for 4 weeks before protecting

Delivery form

SQUARE-EDGED

Thickness (mm)	Format L x W (mm)	pcs / box
22	1250 x 600	5
35	1250 x 600	3

Technical Data

Labelling		WF-EN 13171-T5-CS(10/Y)200-TR35-DS(70,-)3-AFr100-WS1,0-MU5	
Density		kg/m³	220
Nominal thermal conductivity λ_D EU		W/(mK)	0,047
Rated thermal conductivity	λ_B DE	W/(mK)	0,049
	λ_B CH	W/(mK)	0,047
	λ_B AT	W/(mK)	0,051
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	≥ 200
Tensile strength perpendicular to the plane of the panel		kPa	≥ 35
Specific heat capacity		J/(kgK)	2100
Waste key numbers according to AVV		030105/170201, Wood and wood-based materials, waste wood category A II	

naturheld SIDEKICK

MADE IN GERMANY

naturheld SIDEKICK

naturheld UNTERFENSTERBANK-KEIL

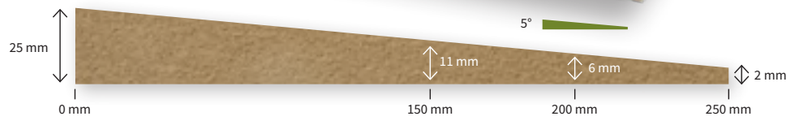
NEW

Pressure-resistant wood fibre window sill wedges

Advantages and characteristics

- Efficient protection against driving rain and snow
- Permanent security for window connections in timber construction
- Ideally suited for ventilated cladding
- Quick and easy installation
- Available with or without laminated seal

TWO PRODUCT VARIANTS
The natureheld under-window sill wedge is available both with and without a laminated seal. The remaining specifications are identical.



Delivery form

Width (mm)	Format L x W (mm)	pcs / box
150	1250 x 150	10
200	1250 x 200	10
250	1250 x 250	10

Technical Data

Density		kg/m³	220
Nominal thermal conductivity λ_D EU		W/(mK)	0,047
Rated thermal conductivity	λ_B DE	W/(mK)	0,049
	λ_B CH	W/(mK)	0,047
	λ_B AT	W/(mK)	0,051
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	
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

* Only in the version with laminated underlay membrane

naturheld SIDEKICK

75 mm 105 mm 120 mm

naturheld SIDEKICK

naturheld COOKIE

NEW

Wood fibre sealing plug

Advantages and characteristics

- For sealing drill holes and blow-in openings with a panel thickness of 35 mm or more
- Easy to fit and secure hold
- Can be installed by hand or with a rubber mallet
- No adhesive or additional fastening required
- Can be plastered over directly when used in ETICS
- Water-repellent, effective weather protection

105 mm 120 mm

Delivery form

Diameter (mm)	Thickness (mm)	pcs / box
105	40	144
120	40	144

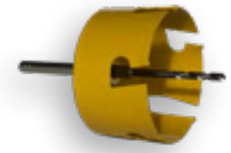
naturheld LOCHSÄGEN

Drill bits

NEW

Advantages and characteristics

- For drilling wood and wood-based materials
- Drilling holes for blow-in insulation
- Suitable for all standard drills
- The centering drill bit is included in the scope of delivery



Delivery form

DRILL BITS

Diameter (mm)	Clamping shank	pcs / box
75	d-10 mm	1
105	d- 10 mm	1
120	d- 10 mm	1

- The drill core can be reused as a sealing plug.
- With practical ejection system. A centering drill bit is not necessary.

DRILL BITS FOR WOOD FIBER BOARDS

Diameter (mm)	Clamping shank	pcs / box
106,5	d-10 mm	1

MADE IN GERMANY

naturheld ADB 5

MADE IN GERMANY

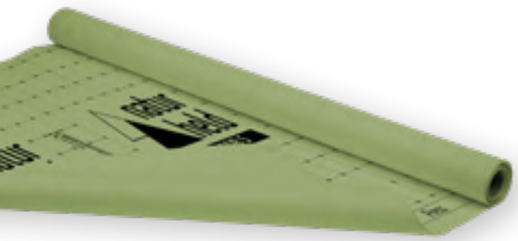
Breather membrane that can be walked on

naturheld SIDEKICK

Characteristics

· Breather membrane that can be walked on
· Vapour permeable but rainproof. Windtight.
· With self-adhesive zone in the overlap area
· 3-layer, functional layer reinforced on both sides with PP fibre fleece

NEW



Technical Data

Dimensions	1,50 x 50 m	75 m² / roll
Weight	160 g/m²	DIN EN 1849-2
Sd value	5 m	DIN EN 1931
Fire behaviour	E	DIN EN 13501-1
Outdoor weathering on pitched roofs	12 weeks	
Minimum roof pitch	10°	
Temperature resistance	-40 °C to +80 °C	DIN EN 1109

CE

Delivery form

ROLL SIZE 1,50 x 50 m

m² / roll	Weight per roll (kg)	pcs / pallet
75	13	20

naturheld DB vario

MADE IN GERMANY

Moisture-variable airtightness membrane

naturheld SIDEKICK

Characteristics

· Moisture-variable airtightness membrane
· Highly tear-resistant thanks to grid reinforcement
· For blown-in insulation and flexible insulation batts
· 3-layer, coated PP fibre fleece, grid-reinforced
· Ideal for airtight building component layers in accordance with DIN 4108-7, in roofs, ceilings and walls

NEW

Technical Data

Dimensions	1,50 x 50 m	75 m² / roll
Weight	100 g/m²	DIN EN 1849-2
Sd value	0,2 - 20 m	DIN EN ISO 12572
Fire behaviour	E	DIN EN 13501-1
Temperature resistance	-40 °C to +80 °C	DIN EN 1109

CE

Delivery form

ROLL SIZE 1,50 x 50 m

m² / roll	Weight per roll (kg)	pcs / pallet
75	10	20

naturheld DB 20

MADE IN GERMANY

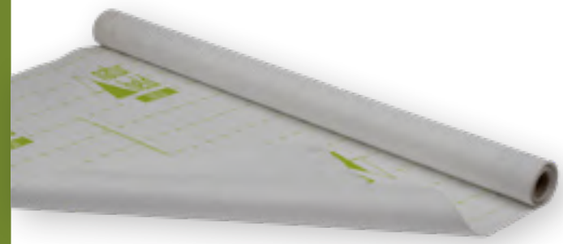
Airtight vapour check membrane

naturheld SIDEKICK

Characteristics

· Airtight vapour check membrane
· Highly tear-resistant thanks to grid reinforcement
· For blown-in insulation and flexible insulation batts
· 3-layer, coated PP fibre fleece, grid-reinforced
· Ideal for airtight building component layers in accordance with DIN 4108-7, in roofs, ceilings and walls

NEW



Technical Data

Dimensions	1,50 x 50 m	75 m² / roll
Weight	130 g/m²	DIN EN 1849-2
Sd value	20 m	DIN EN 1931
Fire behaviour	E	DIN EN 13501-1
Temperature resistance	-40 °C to +80 °C	DIN EN 1109

CE

Delivery form

ROLL SIZE 1,50 x 50 m

m² / roll	Weight per roll (kg)	pcs / pallet
75	12	20

naturheld LDB 0.02

MADE IN GERMANY

Vapour-open airtight membrane for retrofit

naturheld SIDEKICK

Characteristics

· Vapour-open airtight membrane for retrofit
· Underlay and roof underlay membrane in accordance with ZVDH (German Federation of Building Contractors)
· With self-adhesive zone in the overlap area
· 3-layer, functional layer reinforced on both sides with PP fibre fleece
· Suitable for existing roof and wall retrofit from outside. 35mm min insulation on outside of membrane to avoid condensation

NEW

Technical Data

Dimensions	1,50 x 50 m	75 m² / roll
Weight	170 g/m²	DIN EN 1849-2
Sd value	0,02 m	DIN EN ISO 12572
Fire behaviour	E	DIN EN 13501-1
Outdoor weathering on pitched roofs	12 weeks	
Minimum roof pitch	10°	
Temperature resistance	-40 °C to +100 °C	DIN EN 1109

CE

Delivery form

ROLL SIZE 1,50 x 50 m

m² / roll	Weight per roll (kg)	pcs / pallet
75	14	20

naturheld PRIMER

MADE IN GERMANY

Adhesion optimiser

naturheld SIDEKICK

Characteristics

· Ideal for bonding on fibrous, loose or sandy substrates
· Strong self-adhesive
· Easy to use
· Fast drying
· Rotatable nozzle for different spray angles
· Highly effective on wood fibre and wood-based panels, masonry, plaster, render and concrete

NEW

Delivery form

Contents / can (ml)	Filling weight (g)	Cans / carton	Weight / carton (kg)
500	650	12	7

naturheld FILL

MADE IN GERMANY

Joint filler and assembly adhesive

naturheld SIDEKICK

Characteristics

NEW

· Joint filler and assembly adhesive for wood fibre boards
· Very low emissions
· High temperature resistance
· Pemanently flexible
· UV-stable, can be plastered and painted over
· Suitable for use on wood, wood-based materials, wood fibre boards, masonry, plaster, concrete, plastics, metals or glass as a substrate

ÉMISSIONS DANS L'AIR INTÉRIEUR* A+ (A+ A B C)

GEV-EMICODE EC 1 PLUS sehr emissionsarm

*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

Delivery form

Contents / cartridge (ml)	Filling weight (g)	Cartridges / Carton	Weight / Carton (kg)
310	465	12	8

naturheld FIX

All-purpose adhesive tape

Characteristics

· All-purpose adhesive tape
· Airtight bonding indoors
· Rainproof and windproof sealing outdoors

naturheld SIDEKICK

MADE IN GERMANY

NEW

Technical Data

Temperature resistance	-40 °C to +100 °C
Processing temperature	from -10 °C
Thickness	0,4 mm
Adhesive	Acrylate dispersion, solvent-free, EC1PLUS
Weather resistance	max. 12 months
Sd value	>2m

GEV-EMICODE EC 1 PLUS sehr emissionsarm

Delivery form

Width (mm)	Length (m)	Peel-back strips behind tape (mm)	Rolls / carton	Weight / carton (kg)
60	25	-	10	8
100	25	50/50	6	8
150	25	75/75	4	8
200	25	100/100	2	6

naturheld WANDFIX

MADE IN GERMANY

Airtight adhesive sealant

naturheld SIDEKICK

Characteristics

NEW

· Airtight adhesive sealant
· Very low emissions
· Permanently adhesive and elastic
· Freeze-resistant
· Solvent-free
· Suitable for use on wood, wood-based panels, masonry, plaster, concrete, plastics, metals, glass, breather membranes, smooth to slightly rough PE, PA, PP and PO membranes, kraft paper, underlay membranes and façade membranes as a substrate

ÉMISSIONS DANS L'AIR INTÉRIEUR* A+ (A+ A B C)

GEV-EMICODE EC 1 PLUS sehr emissionsarm

*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

Delivery form

Contents / Cartridge (ml)	Filling weight (g)	Cartridges / Carton	Weight / Carton (kg)
310	310	12	7

AREAS OF APPLICATION DIN 4108-10:
WAP (plinth area)

WAP
SOCKEL

naturheld

NEW

PLINTH INSULATION BOARD

EPS insulation board for the plinth area

Advantages and characteristics

· EPS insulation board for the plinth area
· For splash zones (up to 30 cm above ground level) in timber construction and on façades
· Not permitted in perimeter areas, ground areas or areas subject to water pressure
· Generation 2.0 compatible thanks to tongue and groove profile
· Can be exposed to the elements for up to 12 months

Delivery form

Format (mm)	Thickness (mm)	pcs / box
1200 x 325	40	12

Technical Data

Labelling	EPS-DIN EN 13163-T2-L2-W2-S2-P3-DS(70,-)2-DS(N)2-TR 100	
Density	kg/m³	≤ 25
Nominal thermal conductivity λ_B	W/(mK)	0,032
Fire behaviour according to DIN EN 13501-1	E	
Building material class according to DIN 4102-1	B1	
Bending strength [N/mm²]	kPa	≥ 200
Water vapour diffusion resistance factor	20 ≤ μ ≤ 70 according to EN 12086	
Waste key numbers according to AVV	AVV 170604, AVV 170904, Insulation material, mixed construction waste	

naturheld SIDEKICK

Generation 2.0 compatible

CE

MADE IN GERMANY

What does plinth area mean?

The connection between the foundation and the façade

The connection between the foundation and the façade
The plinth is the lower part of the exterior wall and forms the transition to the foundation. It is subject to particular stress, for example from ground moisture, splash water and mechanical impacts. Inadequate protection can lead to water ingress and long-term damage to the building fabric.

The plinth area is located 30 cm above the ground level.

These dimensions may vary depending on the type of building, terrain and design.

IMPORTANT TO KNOW
Perimeter insulation and waterproofing of components in contact with the ground in accordance with DIN 18533 are not part of the base insulation and must be carried out separately.

Plinths are not only found at the base of buildings, but also on components such as balconies, terraces, loggias or extensions, where they require special attention.

The ground level is the finished surface of the surrounding terrain and serves as a reference level for the elevation of building components.

GROUND LEVEL

As the link between the perimeter and façade insulation, the plinth insulation ensures a thermal bridge-free plinth area. Due to the high loads on the plinth, the insulation must meet special requirements, particularly with regard to moisture protection.

PLINTH AND SPLASH ZONE

Our team of experts

Passionate expertise available throughout Europe

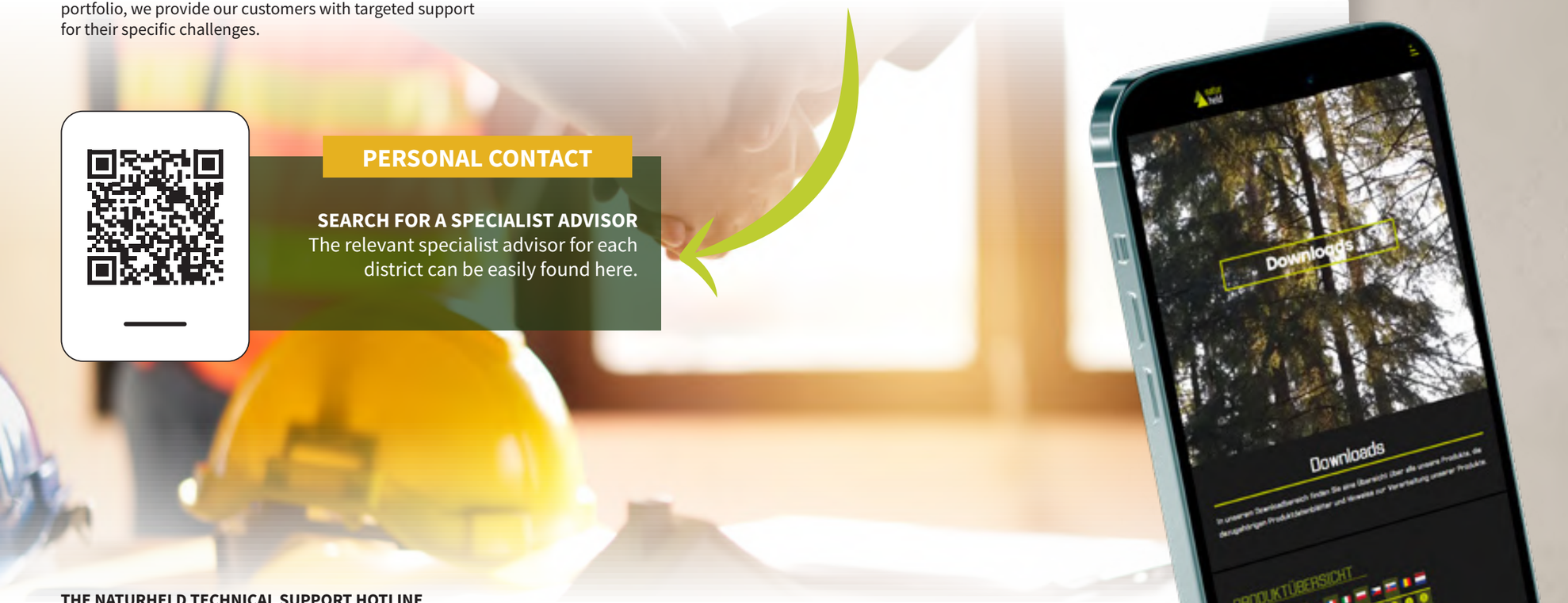
Reliable support for efficient solutions

The naturheld sales and technical team is a reliable partner throughout Europe for all aspects of wood fibre insulation. With in-depth expertise, many years of practical experience and a thorough understanding of our product portfolio, we provide our customers with targeted support for their specific challenges.

Thanks to our expertise, we can find solutions for complex details, special structural conditions or other demanding requirements. This gives our partners security in planning and implementation.

PERSONAL CONTACT

SEARCH FOR A SPECIALIST ADVISOR
The relevant specialist advisor for each district can be easily found here.



THE NATURHELD TECHNICAL SUPPORT HOTLINE
Our technical hotline is available to answer any questions you may have about application, processing and implementation.

Our technical experts provide fast and reliable assistance with detailed questions, special solutions and project-related challenges. For maximum security in planning and execution.

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TECHNICAL FORM

THE HOTLINE TO THE PROFESSIONALS
Our professionals can be contacted at any time via the technical form to answer questions about the use of naturheld products.

All important links

Complete digital expertise

Whether you need our documents in PDF format for your digital library or want to learn more about naturheld products and their development, our website can help you with most questions.

DOWNLOAD AREA

KNOW-HOW FOR ON THE GO
Product brochures, data sheets, processing instructions and much more available to download directly and free of charge.

FLOW CERTIFICATION

FREE TRAINING EVENT
The programme is the effective and correct processing of naturheld FLOW wood fibre blown-in insulation.

GENERATION 2.0

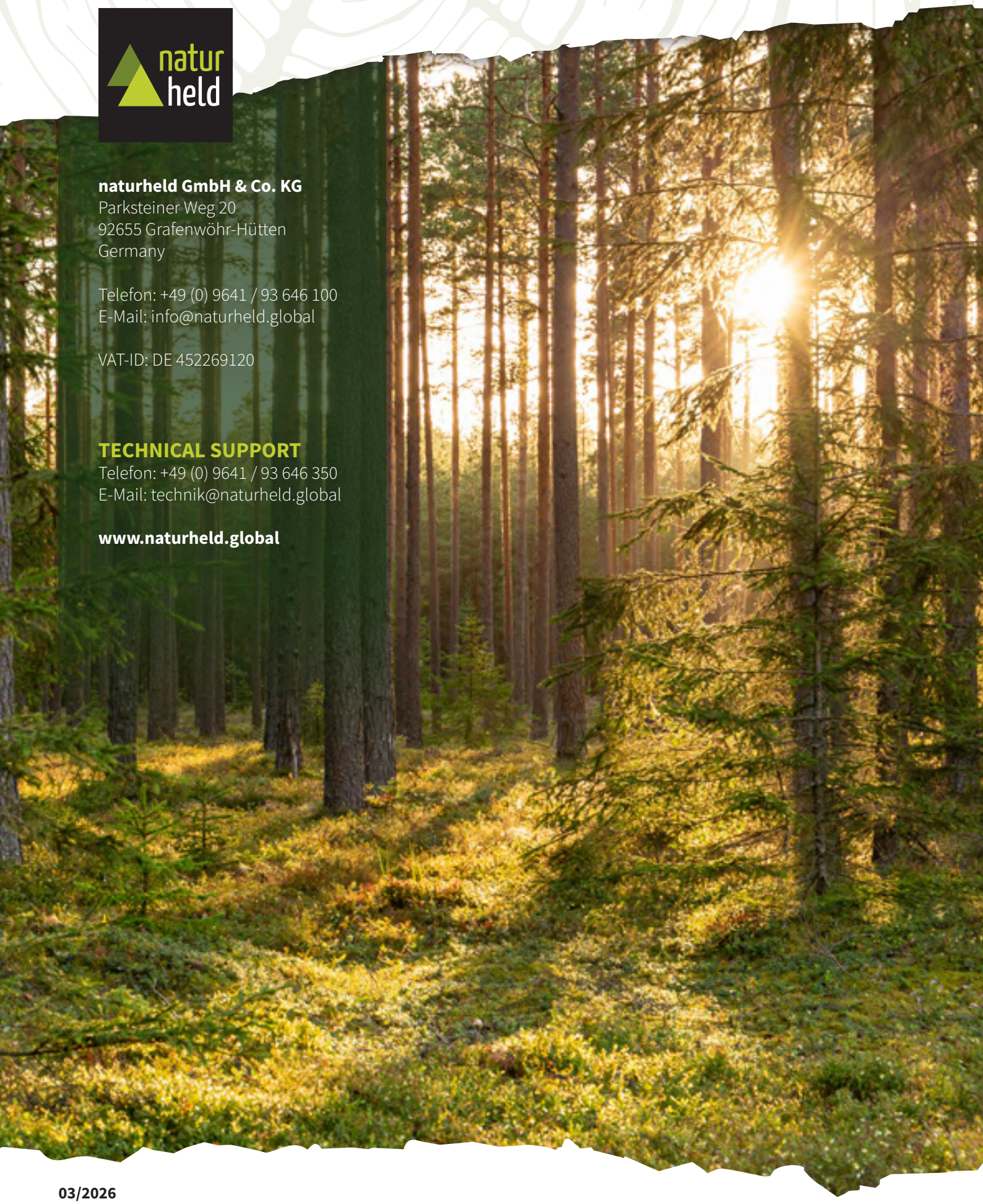
MORE THAN JUST A FEATURE
All information about the biggest milestone to date in the further development of our high-performance insulation materials.

PRODUCT PORTFOLIO

ALWAYS UP TO DATE
Our complete product portfolio, always up to date. Best to save it as a bookmark right away.

CAREERS AT naturheld

NEW HEROES FOR THE INDUSTRY
We are almost always on the lookout for competent new colleagues to enrich our team.



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03/2026