



ONWOOD

TERRACES

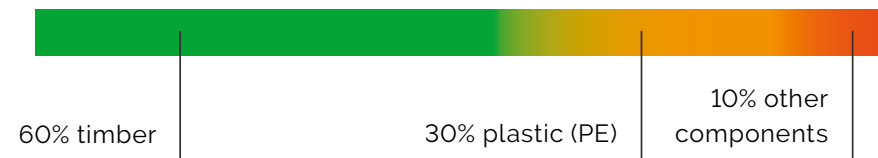
WHY CHOOSE ONEWOOD PRODUCTS?

Wood plastic composite is an ecological modern wood material and is 100% recyclable. The material is produced from wood and plastic mixture and additional compounds are added into the product to protect it against environmental influences (UV protection, colorant, adhesive, stabilizers etc.).

The products are weatherproof, do not need oiling or staining, do not separate surfaces and are not slippery even with wet weather. OneWood products change the way of thinking regarding the maintenance and safe use of terraces, fences and facades.

OneWood OÜ complies with the quality management system standard ISO 9001:2015 (certificate number 10000305683-MSC-FINAS-EST, issued on 20 January 2020) and the environmental management system standard ISO 14001:2015 (certificate number 10000305684-MSC-FINAS-EST, issued on 20 January 2020). The management system certificates are valid for the following products or services: development, production, and sale of wood-based plastic products.

The long-term durability and high-quality of the products are verified by the tests carried out by Tallinn University of Technology, which meet the international standards of wood plastic composite materials.



100%
recyclable



Anti-slip



Does not need
staining or oiling



Splinter-free



EU product



Weatherproof



Wood product



Easy to install

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TERRACE BOARD PRODUCT RANGE

OneWood WPC (wood-plastic composite) terrace boards are specially engineered for use in Nordic climates, combining the best qualities of both wood and plastic: long-lasting durability, the natural beauty of wood and easy maintenance, with no need for oiling or painting.

The boards also feature an anti-slip surface treatment, making the decking safe to use even in wet weather conditions.

The OneWood terrace board range includes five profiles: Smart, Light, Elegant, Nordic and Strong. Each profile has its own distinctive characteristics and specific applications, allowing every customer to find the right solution to meet their individual needs.

The standard length of the terrace boards is 4.2 m. Other lengths can also be manufactured upon request.

The standard fire classification of the terrace boards is Cfl-s1. If required, the boards can also be manufactured with a Bfl-s1 fire classification.

SMART



SMART is a double-sided, hollow-profile terrace board. One side features a grooved surface, while the other has a smooth, brushed finish, offering two different surface options.

LIGHT



LIGHT is a double-sided, hollow-profile terrace board. One side features narrow grooves, while the other has a wider, grooved brushed finish, offering two different surface options.

ELEGANT



ELEGANT is a double-sided, hollow-profile terrace board with a protective outer layer. The two sides feature different shades, while the surface is finished with a natural wood-grain texture.

NORDIC



NORDIC is a solid-profile terrace board with a wave-shaped design. The surface features a textured wood-grain finish.

STRONG



STRONG is a double-sided, solid-profile terrace board. One side features a textured wood-grain finish, while the other has a smooth, brushed surface, offering two different surface options.



TERRACE BOARD SMART

SMART is a double-sided, hollow-profile terrace board offering an excellent balance between strength and weight. This makes the SMART profile a cost-effective solution for residential use. One side features a grooved surface, while the other has a smooth, brushed finish.

Applications: terraces, balconies, outdoor walkways, gazebos and more.



Width	140 mm
Thickness	20 mm
Length	3000/4200 mm
Weight	2,5 kg/m

Colour Options





TERRACE BOARD LIGHT

LIGHT is a double-sided, hollow-profile terrace board with an excellent strength-to-weight ratio. This provides a wide range of applications and makes the LIGHT profile the most widely used decking board in our range. One side features narrow grooves, while the other has a wider grooved brushed finish.

Applications: outdoor terraces of hotels and municipal buildings, outdoor walkways, cafés, commercial spaces, residential terraces, balconies, gazebos and more.



Width	150 mm
Thickness	25 mm
Length	4200 mm
Weight	2,9 kg/m

Colour Options





TERRACE BOARD ELEGANT

ELEGANT is a new-generation, wide-format hollow-profile terrace board, fully covered with a protective outer layer. The protective layer prevents dirt from penetrating into the internal pores of the board, ensuring exceptionally easy maintenance and a long service life.



The board can be used on both sides. To make colour selection easier, the two sides feature different shades. The surface has a natural wood-grain texture.

Applications: outdoor terraces of hotels and municipal buildings, outdoor walkways, cafés, commercial spaces, residential terraces, balconies, gazebos and more.

ELEGANT is suitable for public areas and any application where durability, aesthetics and comfort are valued.



Width	200 mm
Thickness	25 mm
Length	4200 mm
Weight	3,8 kg/m

Colour Options





TERRACE BOARD NORDIC

NORDIC is a solid-profile terrace board with a distinctive wave-shaped design. Its surface features an elegant, Nordic-inspired embossed wood-grain texture.

Applications: outdoor terraces of hotels and municipal buildings, outdoor walkways, cafés, commercial spaces, as well as residential terraces, balconies and outdoor walkways for discerning private customers.



Width	150 mm
Thickness	20 mm
Length	4200 mm
Weight	3,2 kg/m

Colour Options

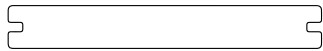




TERRACE BOARD STRONG

STRONG is a double-sided, solid-profile terrace board. One side features an elegant, Nordic-inspired embossed wood-grain texture, while the other has a smooth, brushed surface.

Applications: outdoor terraces of hotels and municipal buildings, outdoor walkways, cafés, commercial spaces, piers, marinas and more.



Width	150 mm
Thickness	20 mm
Length	4200 mm
Weight	4,2 kg/m

Colour Options

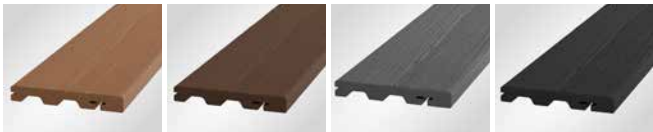


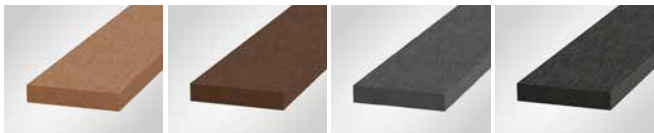
DATA OF PRODUCT RANGE

Code	Name	EAN code	Weight kg/m	Package dimensions (mm)	Quantity in packaging (pcs)	Package weight kg
TERRACE BOARD SMART						
						
300130	Terrace board Smart 140x20x4200 brown	4742024372195	2.5	4200x750x630	120	1260
300132	Terrace board Smart 140x20x4200 dark brown	4742024372201	2.5	4200x750x630	120	1260
300141	Terrace board Smart 140x20x4200 dark grey	4742024372218	2.5	4200x750x630	120	1260
300230	Terrace board Smart 140x20x3000 brown	4742024372133	2.5	3000x750x630	120	900
300232	Terrace board Smart 140x20x3000 dark brown	4742024372140	2.5	3000x750x630	120	900
300241	Terrace board Smart 140x20x3000 dark grey	4742024372157	2.5	3000x750x630	120	900
TERRACE BOARD LIGHT						
						
300330	Terrace board Light 150x25x4200 brown	4742024371013	2,9	4200x750x725	120	1462
300332	Terrace board Light 150x25x4200 dark brown	4742024371020	2,9	4200x750x725	120	1462
300340	Terrace board Light 150x25x4200 grey	4742024371037	2,9	4200x750x725	120	1462
300341	Terrace board Light 150x25x4200 dark grey	4742024371044	2,9	4200x750x725	120	1462
TERRACE BOARD ELEGANT						
						
302430	Terrace board Elegant XL 200x25x4200 brown/dark brown	4742024372102	3,80	4200x1000x590	90	1436,4
302440	Terrace board Elegant XL 200x25x4200 grey/dark grey	4742024372119	3,80	4200x1000x590	90	1436,4

Code	Name	EAN code	Weight kg/m	Package dimensions (mm)	Quantity in packaging (pcs)	Package weight kg
TERRACE BOARD NORDIC						
						
302030	Terrace board Nordic 150x20x4200 brown	4742024372010	3,2	4200x750x515	100	1344
302032	Terrace board Nordic 150x20x4200 dark brown	4742024372027	3,2	4200x750x515	100	1344
302040	Terrace board Nordic 150x20x4200 grey	4742024372041	3,2	4200x750x515	100	1344
302041	Terrace board Nordic 150x20x4200 dark grey	4742024372034	3,2	4200x750x515	100	1344
TERRACE BOARD STRONG						
						
302330	Terrace board Strong 150x20x4200 brown	4742024371204	4,2	4200x750x455	80	1411
302332	Terrace board Strong 150x20x4200 dark brown	4742024371211	4,2	4200x750x455	80	1411
302340	Terrace board Strong 150x20x4200 grey	4742024371235	4,2	4200x750x455	80	1411
302341	Terrace board Strong 150x20x4200 dark grey	4742024371228	4,2	4200x750x455	80	1411

Code	Name	EAN code	Weight kg/m	Package dimensions (mm)	Quantity in packaging (pcs)	Package weight kg
EDGE BOARD SMART						
						
303230	Edge board Smart 150x20x4200 brown	4742024372164	3.3	3000x750x515	100	990
303232	Edge board Smart 150x20x4200 dark brown	4742024372171	3.3	3000x750x515	100	990
303241	Edge board Smart 150x20x4200 dark grey	4742024372188	3.3	3000x750x515	100	990
EDGE BOARD LIGHT						
						
303031	Edge board Light 150x25x4200 brown	4742024371150	3.1	4200x750x725	100	1562
303032	Edge board Light 150x25x4200 dark brown	4742024371167	3.1	4200x750x725	100	1562
303033	Edge board Light 150x25x4200 grey	4742024371174	3.1	4200x750x725	100	1562
303034	Edge board Light 150x25x4200 dark grey	4742024371181	3.1	4200x750x725	100	1562
EDGE BOARD ELEGANT						
						
303430	Edge board Elegant XL 200x25x4200 brown	4742024373147	4.0	4200x1000x575	85	1453
303432	Edge board Elegant XL 200x25x4200 dark brown	4742024373154	4.0	4200x1000x575	85	1453
303440	Edge board Elegant XL 200x25x4200 grey	4742024373161	4.0	4200x1000x575	85	1453
303441	Edge board Elegant XL 200x25x4200 dark grey	4742024373178	4.0	4200x1000x575	85	1453

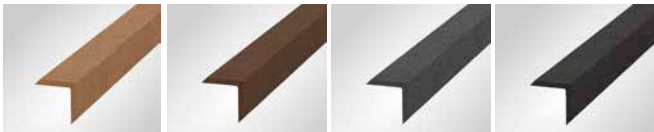
Code	Name	EAN code	Weight kg/m	Package dimensions (mm)	Quantity in packa- ging (pcs)	Package weight kg
EDGE BOARD NORDIC						
						
303130	Edge board Nordic 150x20x4200 brown	4742024373116	3,3	4200x750x515	100	1386
303132	Edge board Nordic 150x20x4200 dark brown	4742024373123	3,3	4200x750x515	100	1386
303140	Edge board Nordic 150x20x4200 grey	4742024373109	3,3	4200x750x515	100	1386
303141	Edge board Nordic 150x20x4200 dark grey	4742024373130	3,3	4200x750x515	100	1386

EDGE BOARD BASIC						
						
301330	Edge board Basic 78x14x4200 brown	4742024373017	1,6	4200x750x455	198	1289
301332	Edge board Basic 78x14x4200 dark brown	4742024373024	1,6	4200x750x455	198	1289
301340	Edge board Basic 78x14x4200 grey	4742024373024	1,6	4200x750x455	198	1289
301341	Edge board Basic 78x14x4200 dark grey	4742024373048	1,6	4200x750x455	198	1289

Code	Name	EAN code	Weight kg/m	Package dimensions (mm)	Quantity in packaging (pcs)	Package weight kg
END CAP FOR TERRACE BOARD SMART						
						
304125	End cap Smart 140x20 brown	4742024377329	0,02	300x200x50	20	0,4
304126	End cap Smart 140x20 dark brown	4742024377336	0,02	300x200x50	20	0,4
304127	End cap Smart 140x20 dark grey	4742024377343	0,02	300x200x50	20	0,4

END CAP FOR TERRACE BOARD LIGHT						
						
304103	End cap 150x25 brown	4742024377039	0,02	300x200x50	20	0,4
304102	End cap 150x25 dark brown	4742024373046	0,02	300x200x50	20	0,4
304104	End cap 150x25 grey	4742024377053	0,02	300x200x50	20	0,4
304101	End cap 150x25 dark grey	4742024377060	0,02	300x200x50	20	0,4

END CAP FOR TERRACE BOARD ELEGANT						
						
304123	End cap Elegant 200x25 brown	4742024377350	0,02	300x200x50	20	0,4
304122	End cap Elegant 200x25 dark brown	4742024377367	0,02	300x200x50	20	0,4
304124	End cap Elegant 200x25 grey	4742024377305	0,02	300x200x50	20	0,4
304121	End cap Elegant 200x25 dark grey	4742024377381	0,02	300x200x50	20	0,4

Code	Name	EAN code	Weight kg/m	Package dimensions (mm)	Quantity in packaging (pcs)	Package weight kg
CORNER BOARD BASIC						
						
310330	Corner board Basic 40x40x4200 brown	4742024377084	0,6	4200x110x50	10	25
310332	Corner board Basic 40x40x4200 dark brown	4742024377091	0,6	4200x110x50	10	25
310340	Corner board Basic 40x40x4200 grey	4742024377107	0,6	4200x110x50	10	25
310341	Corner board Basic 40x40x4200 dark grey	4742024377114	0,6	4200x110x50	10	25

BEAM						
						
311034	Beam 50x30x4200 dark brown	4742024377121	1,17	4200x750x675	270	1327
311038	Beam 50x30x4200 dark grey	4742024377152	1,17	4200x750x675	270	1327

Code	Name	EAN code	Weight kg/m	Package dimensions (mm)	Quantity in packaging (pcs)	Package weight kg
STARTING CLIP						
						
222529	Starter clip 25x26x10 A2 (20 pcs)	4742024370047	0,2	105x75x32	72	16

Code	Name	EAN code	Weight kg/m	Package dimensions (mm)	Quantity in packaging (pcs)	Package weight kg
ENDING CLIP						
 						
212423	Ending clip 25x25x15 A2 (20tk)	4742024370092	0,2	105x75x32	72	16
FIXING CLIP (STEEL A2)						
 						
224040	Fixing clip 40x34x10 A2 (50 pcs)	4742024370078	0,7	170x112x58	24	16
SCREW FOR STEEL CLIP						
 						
212425	Screw M4x25 A2 Torx (100 pcs)	4742024370016	0,2	105x75x32	72	16
FIXING CLIP (PLASTIC)						
 						
221736	Fixing clip 18x36x12 plastic (50 pcs)	4742024370030	0,3	170x112x58	32	9,6
SCREW FOR PLASTIC CLIP						
 						
212426	Screw M4x35 A2 Torx for plastic clip (100 pcs)	4742024370023	0,2	105x75x32	72	16

DECKING BOARD INSTALLATION

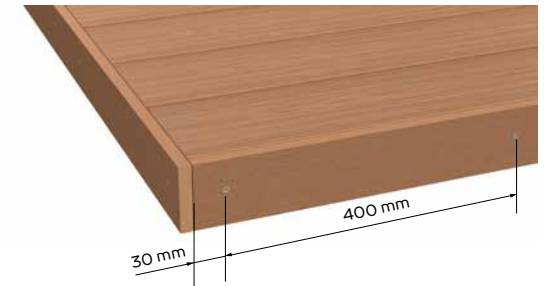
ALUMINIUM SUBSTRUCTURE ON CONCRETE FOUNDATION POSTS



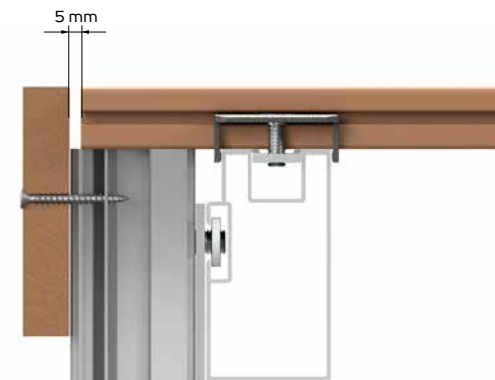
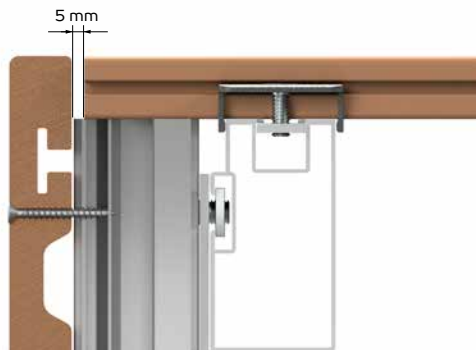
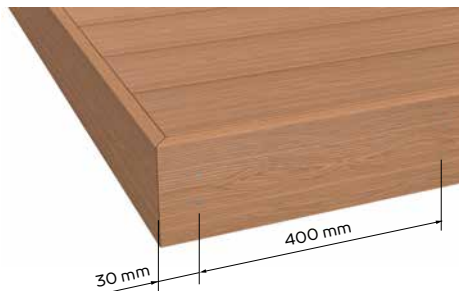
EDGE COVERING

For covering the edges, the most suitable options are 78x14 mm or 150x20 mm edge boards made from wood-plastic composite (WPC). Fastening screws should be installed at 400 mm intervals. A 5 mm gap must be left between adjoining edge boards, and the fastening screws must be positioned at least 30 mm from the edge.

A ENDS FINISHED WITH EDGE BOARD STRONG

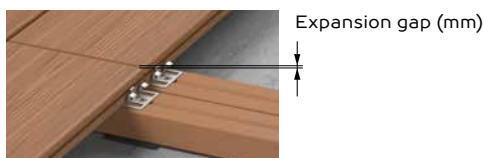


B ENDS FINISHED WITH EDGE BOARD LIGHT



EXPANSION GAPS

Depending on the outdoor temperature, expansion gaps must be left between the decking boards at their joints.



EXPANSION GAP (MM)				
Installation temperature	Board length			
	1,0 m	2,0 m	3,0 m	4,2 m
10 °C	2,0	4,0	6,0	8,4
20 °C	1,5	3,0	4,5	6,3
25 °C	1,0	2,0	3,0	4,2
30 °C	0,5	1,0	1,5	2,1

CUTTING

Conventional woodworking tools are suitable for cutting wood-plastic composite (WPC) material. Saw blades with large teeth should be avoided.

STORAGE

Avoid dragging or throwing the boards during loading and storage. Store the decking boards horizontally on a flat, level surface, preferably in the original factory packaging, on a wooden pallet or on wooden battens at least 50 mm wide, with a spacing of no more than 500 mm. Store in a well-ventilated area.

MATERIALS AND TOOLS

Required materials:

- Decking boards
- Starter clips
- Fastening clips
- Screws
- Support joists

Required tools:

- Cordless drill/driver (with drill bits and Torx bits)
- Saw
- Fastening straps
- Marking pencil
- Personal protective equipment (safety glasses, gloves, etc.)

SUBSTRUCTURE

The support joists must be positioned on the substructure so that the distance between support points does not exceed 1000 mm. The support joists must be installed at maximum 350 mm centres. Where one decking board ends and another begins, two joists must be installed side by side. The outermost joists must be positioned so that the decking board does not extend more than 30 mm beyond the edge of the joist. For installing short decking boards (400 mm or longer), at least three support joists must be used.

NB! We recommend constructing the substructure with a slight slope (5 mm/m) to prevent water from pooling on the decking.

DRILLING

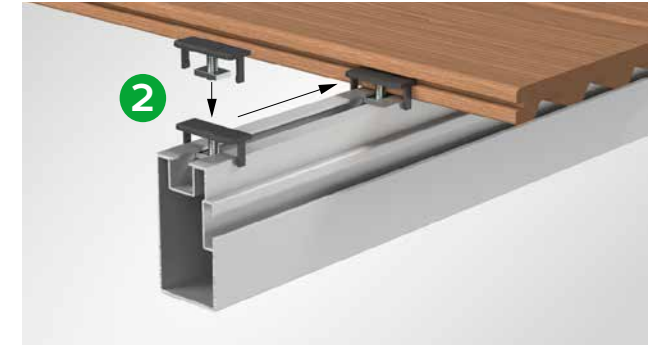
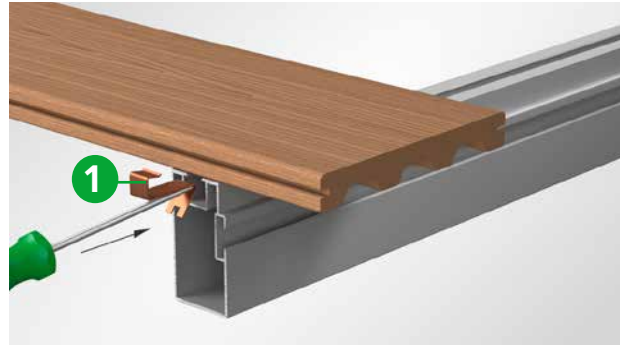
When fastening with screws, pilot holes must always be pre-drilled in the wood-plastic composite (WPC) material. The drill bit must be smaller in diameter than the screw. For example, when using a 4 mm diameter screw, a 3 mm drill bit should be used. During drilling, periodically withdraw the drill bit from the hole to allow the resulting sawdust to escape.

EDGE BOARD PRE-DRILLING

Pilot holes must always be pre-drilled in the edge board before fastening it with screws. The drill bit must be 1 mm larger in diameter than the screw. For example, when using a 4 mm screw, a 5 mm drill bit should be used. During drilling, periodically withdraw the drill bit from the hole to allow the resulting debris to escape.

DECKING BOARD INSTALLATION

1. Secure the first and last decking boards using starter clips.
2. Secure the subsequent boards using fastening clips.
3. Leave a minimum 5 mm gap where the decking boards meet an edge board, building wall or any other object.



NB! Installation guides for other types of substructures are available on the OneWood website: onewood.ee/en/installation/

RECOMMENDED INSTALLATION PATTERNS



MAINTENANCE OF TERRACES

OneWood terrace has very low maintenance cost, the terrace does not need as similar maintenance as the regular wood terrace. The terrace does not involve a costly and time-consuming staining, oiling or any other covering. Periodic cleaning and washing is enough to ensure the beautiful look of the outdoor terrace. Generally a brush, pressure washer, soap water and sponge will do the cleaning.

INSTRUCTION FOR MAINTENANCE

No.	Problem	Maintenance and solutions
1.	Dust and dirt	To remove dust and dirt, the surface should be cleaned regularly with water. To remove stubborn dirt, use a pressure washer; if necessary, use soapy water.
2.	Plants and leaves	To remove stubborn dirt, use a pressure washer; if necessary, use soapy water or a weak aqueous solution of oxalic acid.
3.	Rust	Remove loose dirt with a brush and rinse with water; to remove stains, use a detergent and warm water. For stubborn dirt, use an aqueous solution with low concentration of oxalic or phosphoric acid and rinse with water.
4.	Cement	Remove pieces of cement with a brush and wash with a pressure washer. Use detergent and warm water to remove stains.
5.	Paint and oil stains	Soapy water or a cleaning agent containing acetone or methanol is suitable for cleaning.
6.	Mold	To prevent mold, the surface should be cleaned and washed regularly. To remove mold, use a pressure washer and wipe with a brush. For more stubborn mold, use soapy water or special anti-mold cleaning products available in stores.
7.	Scratches	Minor scratches will fade over time; however, if there are deeper marks, it is advisable to replace the board.



NB!

1. Use solutions and detergents with neutral pH to clean surfaces. Stronger detergents and industrial chemicals may bleach the surface and cause permanent damage.
2. Use only a soft-bristled brush to clean the surfaces to avoid scratching the surface.
3. Use detergents containing oxalic acid and methanol in low concentrations. If necessary, increase the concentration gradually by adding to water.
4. Surfaces with a wood grain pattern must not be sanded. Sanding permanently removes the textured surface.
5. When using a pressure washer, the nozzle must not be closer than 300 mm to the terrace surface.

WARRANTY

The warranty terms are governed by the legal acts of the Republic of Estonia, and the warranty provided is based primarily on the manufacturer's warranties, provided that it does not conflict with the laws of the Republic of Estonia. The warranty covers any manufacturing or material defects that become apparent during the warranty period.

1. General warranty terms and conditions
 - 1.1. The warranty is valid for 2 years, or 24 months, provided the product is used for its intended purpose.
 - 1.2. The warranty period begins on the date of delivery of the product.
2. The terms and conditions of the warranty are governed by the applicable regulations and the installation and user manuals, which must be followed when installing, using and maintaining the product. The warranty is valid provided that the product has been regularly maintained and used for its intended purpose.

3. The warranty does not cover

- 3.1 Instruction on the installation, maintenance and use of the product.
- 3.2 Repair of defects caused by transport damages and other mechanical damage (vandalism, lightning, fire, etc.).

The warranty does not cover defects resulting from inadequate maintenance, incorrect installation or repair, or normal wear and tear.

Further details regarding the terms and conditions of sale and warranty can be found on the Onewood website **onewood.ee** / Instructions / General Terms and Conditions of Sale and Delivery.

ONEWOOD®