

ONEWOOD®



ONEWOOD - CARELESS BEAUTY

TERRACES



100%  
recyclable



Anti-slip



Does not need  
staining or oiling



Splinter-free



Developed for  
Nordic climate



Weatherproof



Easy install

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**OneWood** is a producing and selling company of terrace, fence and façade boards made of the wood plastic composite material in Estonia. The composition of the products are developed for the use in Nordic climate, by containing the best combination of wood (60%), plastic (30%) and additives (10%). This combination of materials provides a natural wooden look to the products, ensures long-lasting durability and insignificant maintenance costs. 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, facades and garden furniture. You'll find information about our products on our homepage: [www.onewood.ee](http://www.onewood.ee)



## TERRACES

Terrace boards are available in four different profiles: Elegant, Light, Nordic and Strong.



## FENCES

Fence boards are available in two different profiles: Elegant and Strong.



## FACADES

Facade boards are available in three different versions: facade board Elegant, and facade boards Deco and Spa for decorative purposes.





## TECHNICAL CHARACTERISTICS

**Wood plastic composite** is an ecological modern wood material and is 100% recyclable. The material is produced from wood and plastic mixture and additional additives are added into the product to protect it against environmental influences (UV protection, colorant, adhesive, stabilizers etc.). The composition of OneWood terrace boards is developed for the use in Nordic climate, which highlights the best qualities of wood and plastic as well: long-term durability, natural beauty of timber and easy maintenance (does not need oiling or staining). Additionally the products are processed against slippery, which makes the use of a terrace safe also with wet weather.

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



- 60% wood
- 30% plastic
- 10% additives

Quality	Standard	Unit	Value
Density/specific gravity		kg/m <sup>3</sup>	1380
Bending strength	ISO 16616:2015(E)	MPa	44,02
Elastic modulus	EVS-EN 15534-1:2014	MPa	5054,78
Impact strenght	EVS-EN ISO 179-1	kJ/m <sup>2</sup>	20,46
Water absorbency 28p	EVS-EN 317:2000	%	2,46
Swelling 28p	EVS-EN 15534-1:2014	%	0,54
Thermal expansion	EVS-EN 479:2003	%	0,04
Consumption index	ASTM D4060-14	-	0,000204
Color change (ΔE) 2000h UV-d	EVS-EN 15534-1:2014	-	2,2
Fire resistance	EVS-EN 13501-1:2007+A1:2009	Class C <sub>F1</sub>	

# TERRACE BOARDS PROFILES

The composition of OneWood terrace boards is developed for the use in Nordic climate, which highlights the best qualities of both – timber and plastic: long-term durability, natural beauty of timber and easy maintenance (does not need oiling or staining). Additionally the products are processed against slippery, which makes the use of a terrace safe also with rainy weather.

OneWood product range has four profiles of terrace boards available: Elegant, Light, Nordic and Strong profile. Every profile has its characteristics and differences depending on usage to fulfill the needs of every client.

Standard length of the terrace boards is 4.2 m. On request, it is possible to have other lengths. Regular fire resistance class of boards is  $C_{fl-s1}$ , but it's possible to produce boards with class  $B_{fl-s1}$ .



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recyclable



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Developed  
for Nordic  
climate



Weatherproof



Easy  
install



## LIGHT PROFILE



**LIGHT** is a double-sided hollow profile with a good strength and weight ratio, which makes it the most popular terrace board in our selection. Its surface is brushed, with grooves. Areas of application: terraces, balconies, pathways, pergolas etc.



## NORDIC PROFILE



**NORDIC** is a wavy full profile with elegant natural wood pattern as surface treatment. Its qualities satisfy the demands of both public areas as well as private clients.



## STRONG PROFILE



**STRONG** is a double-sided full profile with Nordic elegance. Its surface treatment is a natural wood on one side and smooth brushed surface on other. Its qualities are most suitable for public areas like outdoor terraces of hotels, pathways, outdoor cafes, shopping centres, harbours etc.

### Colours



### Colours



### Colours





# PROFILE OF NEW GENERATION ELEGANT



**ELEGANT** is a wide size hollow profile of new generation, which is completely covered with a protective layer. The protective layer prevents penetration of any dirt into inner pores of the board. Particularly simple maintenance and long service life is ensured.

Colours



The board can be used with both sides and sides of the board have different shades, in order to simplify choice of colour. With its properties, it is suitable for use in public areas and any places, where durability, beauty and comfort is appreciated.

## ALUMINIUM SUBSTRUCTURE

Onewood aluminium base construction system for terraces has been developed for simple and fast assembly of terraces.

Installation of the base construction and terrace boards takes place with special bolt connections. This enables later reconstruction or reuse of the whole terrace, if necessary.

Aluminium support beams of the system are available in two sizes: 40x40x4000 mm and 40x75x4000 mm. If necessary, they can also be combined with each other.

For further information of the products and their installation see from page 14.



304309 Aluminium beam  
40x40x4000 ALU



304310 Aluminium beam  
40x75x4000 ALU







ELEGANT PROFILE



Width	200 mm
Thickness	25 mm
Length	4200 mm
Weigth	3,8 kg/m
Consumption	5 m/m <sup>2</sup>

Colours





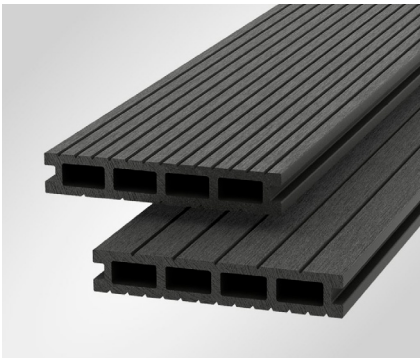


LIGHT PROFILE



Width	150 mm
Thickness	25 mm
Length	4200 mm
Weight	2,9 kg/m
Consumption	6,5 m/m²

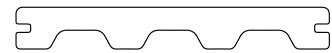
Colours







## NORDIC PROFILE



Width	150 mm
Thickness	20 mm
Length	4200 mm
Weight	3,2 kg/m
Consumption	6,5 m/m <sup>2</sup>

### Colours





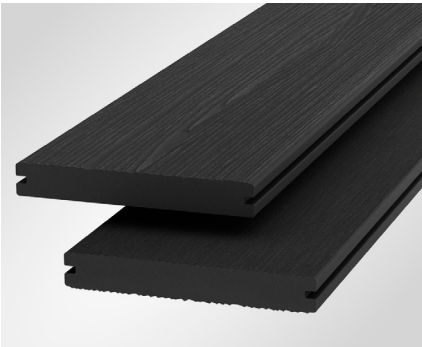


STRONG PROFILE


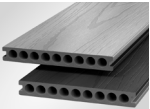


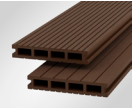
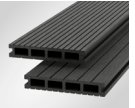
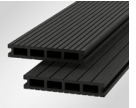



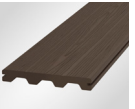
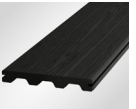



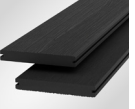








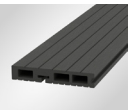
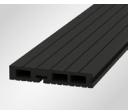




Width	150 mm
Thickness	20 mm
Length	4200 mm
Weight	4,2 kg/m
Consumption	6,5 m/m²





Colours













## TERRACE BOARDS

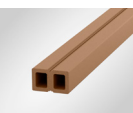

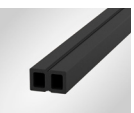

Art. no.	Article	EAN code	Weight kg/m	Measurements of the package, mm	Pieces in package, pcs	Weight of the package, kg
<b>TERRACE BOARD ELEGANT</b>						
 						
302430	Terrace board Elegant XL 200x25x4200 brown/dark brown	4742024372102	3,80	1000x600x4200	90	1461
302440	Terrace board Elegant XL 200x25x4200 grey/dark grey	4742024372119	3,80	1000x600x4200	90	1461
<b>TERRACE BOARD LIGHT</b>						
   						
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
<b>TERRACE BOARD NORDIC</b>						
   						
302010	Terrace board Nordic 150x20x4200 white	4742024372003	3,2	4200x750x515	100	1344
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
302041	Terrace board Nordic 150x20x4200 dark grey	4742024372034	3,2	4200x750x515	100	1344
<b>TERRACE BOARD STRONG</b>						
  						
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
302341	Terrace board Strong 150x20x4200 dark grey	4742024371228	4,2	4200x750x455	80	1411
<b>EDGE BOARD ELEGANT</b>						
   						
303430	Edge board Elegant XL 200x25x4200 brown	4742024373147	4,0	1000x575x4200	85	1453
303432	Edge board Elegant XL 200x25x4200 dark brown	4742024373154	4,0	1000x575x4200	85	1453
303440	Edge board Elegant XL 200x25x4200 grey	4742024373161	4,0	1000x575x4200	85	1453
303441	Edge board Elegant XL 200x25x4200 dark grey	4742024373178	4,0	1000x575x4200	85	1453
<b>EDGE BOARD LIGHT</b>						
   						
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

Art. no.	Article	EAN code	Weight kg/m	Measurements of the package, mm	Pieces in package, pcs	Weight of the package, kg
<b>EDGE BOARD NORDIC</b>						
						
303110	Edge board Nordic 150x20x4200 white	4742024373109	3,3	4200x750x515	100	1386
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
303141	Edge board Nordic 150x20x4200 dark grey	4742024373130	3,3	4200x750x515	100	1386

<b>EDGE BOARD BASIC</b>						
						
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
301341	Edge board Basic 78x14x4200 dark grey	4742024373048	1,6	4200x750x455	198	1289






<b>TERRACE ACCESSORIES</b>						
Art. no.	Article	EAN code	Weight kg/m	Measurements of the package, mm	Pieces in package, pcs	Weight of the package, kg
<b>END CAP FOR TERRACE BOARD LIGHT</b>						
						
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

<b>CORNER BOARD BASIC</b>						
						
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

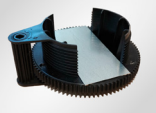

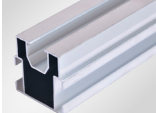
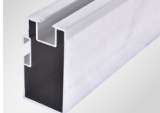
<b>BEAM</b>						
						
311036	Beam 50x30x4200 brown	4742024377138	1,17	4200x750x675	270	1327
311034	Beam 50x30x4200 dark brown	4742024377121	1,17	4200x750x675	270	1327
311038	Beam 50x30x4200 dark grey	4742024377152	1,17	4200x750x675	270	1327









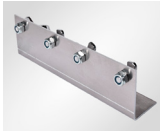









## TERRACE ACCESSORIES

Art. no.	Article	EAN code	Weight kg/m	Measurements of the package, mm	Pieces in package, pcs	Weight of the package, kg
<b>STARTER CLIP</b>						
	222529 Starter clip 25x26x10 A2 (20 pcs)	4742024370047	0,2	105x75x32	72	12
<b>FIXING CLIP (STEEL A2)</b>						
	224040 Fixing clip 40x34x10 A2 (50 pcs)	4742024370078	0,7	170x112x58	24	16
<b>SCREW FOR STEEL CLIP</b>						
	212425 Screw M4x25 A2 Torx (100 pcs)	4742024370016	0,2	105x75x32	72	12
<b>FIXING CLIP (PLASTIC)</b>						
	221736 Fixing clip 18x36x12 plast (50 pcs)	4742024370030	0,3	170x112x58	32	9,6
<b>SCREW FOR PLASTIC CLIP</b>						
	212426 Screw M4x35 A2 Torx for plastic clip (100 pcs)	4742024370023	0,2	105x75x32	72	16

## ALUMINIUM SUBSTRUCTURE

Art. no.	Article	EAN code	Weight kg/m	Measurements of the package, mm	Pieces in package, pcs	Weight of the package, kg
<b>ADJUSTABLE TERRACES FOOT</b>						
	304311 Adjustable terrace foot with support plate (up to 50 mm)	4742024378128	0,08	600x400x400	125	10,70
<b>ELEVATION OF TERRACE FOOT</b>						
	304312 Elevation of terrace foot 40 mm OW	4742024378135	0,04	600x400x400	160	11,80
<b>ALUMINIUM BREAMS 40x40 ja 40x75</b>						
	304309 Aluminium beam 40x40x4000 ALU	4742024378104	0,67	4000x406x540	100	279,00
	304310 Aluminium beam 40x75x4000 ALU	4742024378111	1,10	4000x520x530	72	327,00

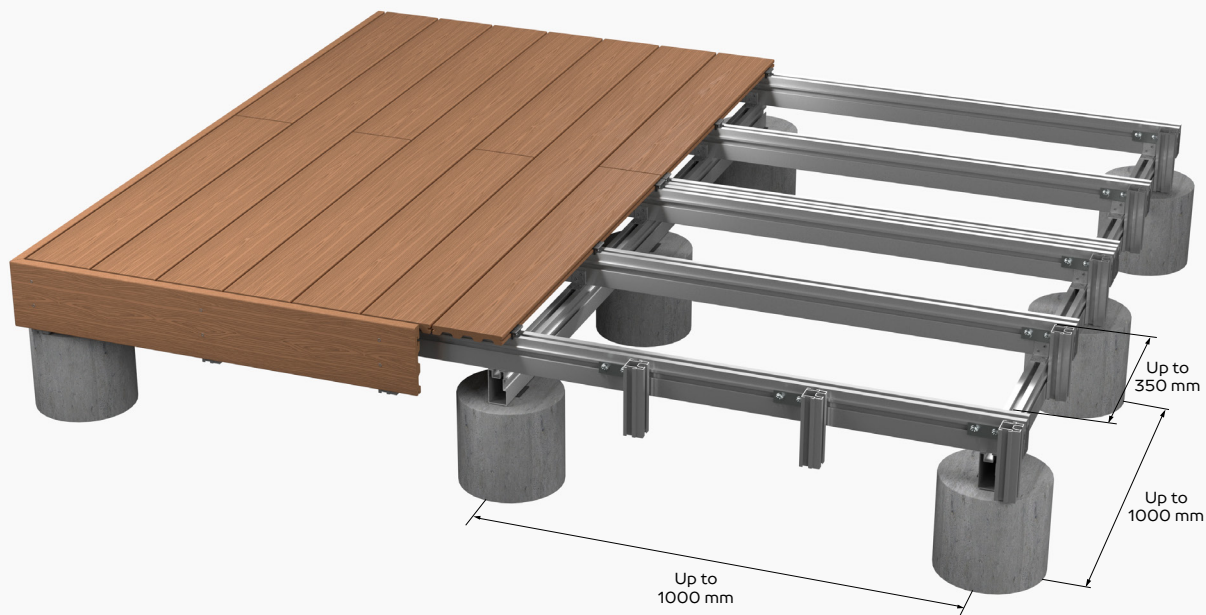
## ALUMINIUM SUBSTRUCTURES ACCESSORIES

Art. no.	Article	EAN code	Weight kg/m	Measurements of the package, mm	Pieces in package, pcs	Weight of the package, kg
<b>STARTER CLIP</b>						
						
304300	Starter clip 15x34x7 ALU (1 pc)	4742024378005	0,01	15x34x7	1	0,01
304301	Starter clip 15x34x7 ALU (20 pcs)	4742024378012	0,14	75x105x30	1	0,14
<b>FIXING CLIP</b>						
						
304302	Fixing clip 20x40 ALU (50 pcs)	4742024378029	0,63	280x220x270	16	12,80
304302L	Fixing clip 20x40 ALU (100 pcs)	4742024378036	1,25	280x220x270	8	12,80
<b>EXTENSION COUPLING FOR BEAM 40x40</b>						
						
304303	Extension coupling for beam 40x40 ALU with two bolts and nuts	4742024378043	0,11	280x220x270	125	13,90
<b>EXTENSION COUPLING FOR BEAM 40x75 ALU</b>						
						
304304	Extension coupling for beam 40x75 ALU with four bolts and nuts	4742024378050	0,15	280x220x270	75	11,25
<b>FIXING ANGLE WITH SUPPORT FOR BEAM 40x75 ALU</b>						
						
304305	Fixing angle with support for beam 40x75 ALU with bolt and nut	4742024378067	0,07	280x220x270	50	3,50
<b>MULTI FIXING ANGLE FOR BEAMS 40x40 ALU AND 40x75 ALU</b>						
						
304306	Multi fixing angle for beams ALU with two bolts and nuts	4742024378074	0,07	280x220x270	150	10,50
<b>RIGHT ANGLE FIXTURE FOR BEAMS 40x40 ALU AND 40x75 ALU</b>						
						
304307	Right angle fixture for beam ALU with four bolts and nut	4742024378081	0,10	280x220x270	100	10,50
<b>CROSSING CLAMP FOR BEAMS 40x40 ALU AND 40x75 ALU</b>						
						
304308	Crossing clamp for beams ALU with bolt	4742024378098	0,03	280x220x270	400	12,00

# INSTALLATION OF TERRACE BOARDS

## ALUMINIUM BEAM SUBSTRUCTURE ON CONCRETE FOUNDATION POLES

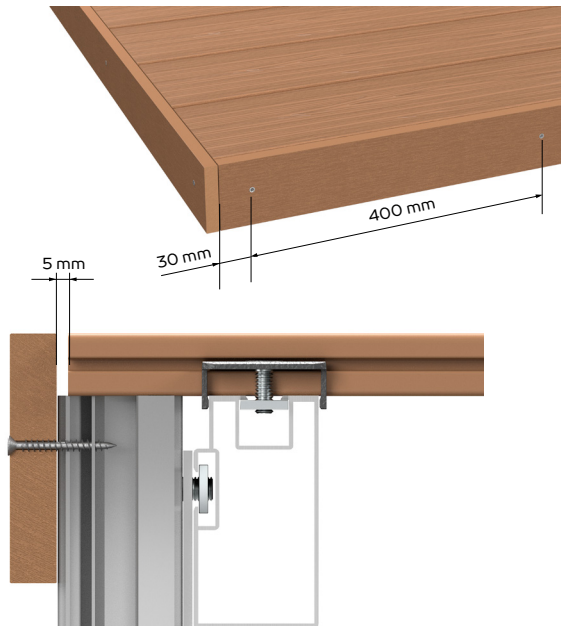
Other substructure options are available on [onewood.ee](http://onewood.ee).



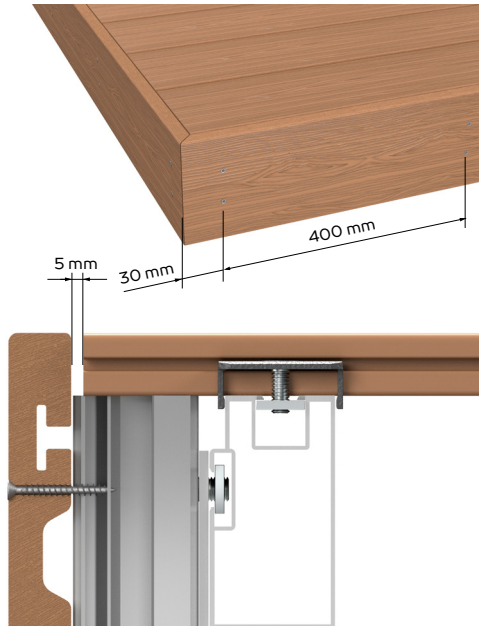
## COVERING EDGES

Edge boards with measures of 80x15 mm or 150x20 mm made of WPC material are the most suitable to cover the edges. Fixing screws must be installed after every 400 mm. The joints of an edge board must have a 5 mm space and the minimum distance of a fixing screw from the edge must be 30 mm.

### A CORNERS WITH EDGE BOARD STRONG

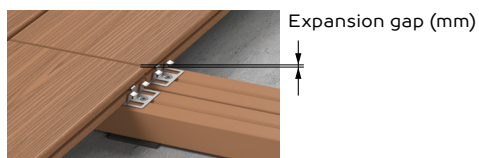


### B CORNERS WITH EDGE BOARD LIGHT



## EXPANSION GAPS

Depending on the outdoor temperature, expansion gaps should be left at the joints.



EXPANSION GAPS (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

To cut the wood plastic composite material regular wood cutting devices are suitable, large tooth saw blades should be avoided.

## STORAGE

Avoid dragging and throwing the boards while loading and storing. Terrace boards should be stored horizontally on the flat surface, preferably in an original package, on a wooden surface or on 50 mm wide wood poles, which spacing should not exceed 500 mm. To be stored in a well-ventilated room.

## DRILLING

To fix with screws it is always necessary to previously drill the screw holes into the wood plastic composite material. The drill should be smaller than the diameter of the screw. For instance, for a 4 mm dia-

## MATERIALS AND TOOLS

### Necessary materials:

- Terrace boards
- Starter clip
- Fixing clip
- Screws
- Beams

### Work equipment:

- Cordless drill (drill and torx nozzle)
- Saw
- Securing straps
- Pencil
- Protective equipment (goggles, gloves etc.)

## BASE CONSTRUCTION

The beams must be supported by the substructure so that the distance between two supporting beams does not exceed 1,000 mm. The beams should be installed with an interval of up to 350 mm. In the places where one terrace board ends and another one begins, two beams must be installed side-by-side. Outermost beams should be installed

so that the terrace board does not extend more than 30 mm over the edge of the beam. At least three supporting beams must be used for installation of short terrace boards (from 400 mm).

**NB! The base construction should be formed in a way that the terrace would be with a slight slope (5 mm/m) to avoid water puddles.**

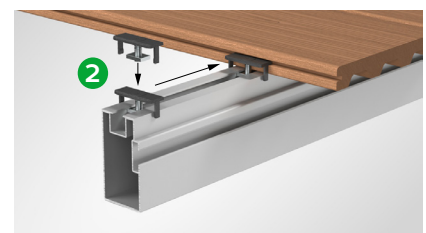
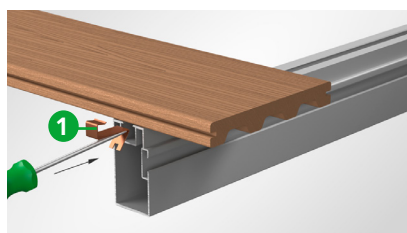
meter screw, the drill should be with 3 mm diameter. During the sawing process the drill should occasionally be drawn out of the drilling hole, so the sawdust would get out of the hole.

### PRE-DRILLING OF EDGE PROFILES

For fixing of edge profiles, screw holes should always be pre-drilled. The drill should be 1 mm bigger than the diameter of the screw. For instance, for a 4 mm diameter screw, the drill should be with 5 mm diameter. During the sawing process the drill should occasionally be drawn out of the drilling hole, so the sawdust would get out of the hole.

## INSTALLATION STEP BY STEP

1. First terrace board should be fixed with a starter clip.
2. The next ones should be fixed with a fixing clip.
3. 5 mm space must remain in the joints of boards, contact space with edging board, house wall or some other objects.



**NB! Other choices for substructures and installation are available on [www.onewood.ee/en/installation/](http://www.onewood.ee/en/installation/)**

### SUGGESTED INSTALLATION PATTERNS



# INSTALLATION OF ALUMINIUM STRUCTURE

Aluminium terrace base structure system of Onewood is developed for simple and fast assembly of terraces. Special bolt connections are used for installing the base structure as well as terrace boards. This enables later reconstruction and reuse of the entire system.

Aluminium base beams of the system have two sizes: 40x40x4000 mm and 40x75x4000 mm. They can also be combined, if necessary.



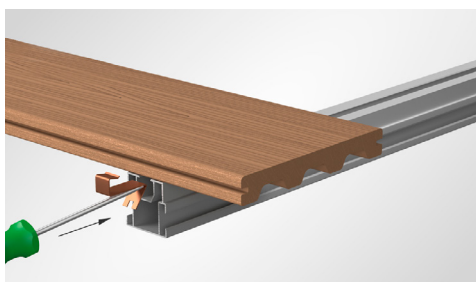
304309 Aluminium base beam  
40x40x4000 ALU



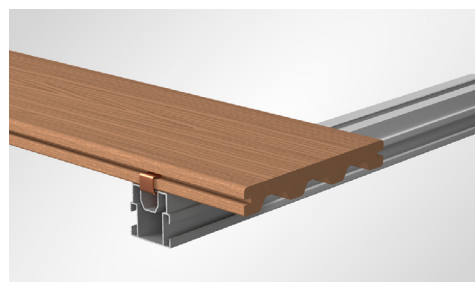
304310 Aluminium base beam  
40x75x4000 ALU

## INSTALLATION OF THE FIRST TERRACE BOARD

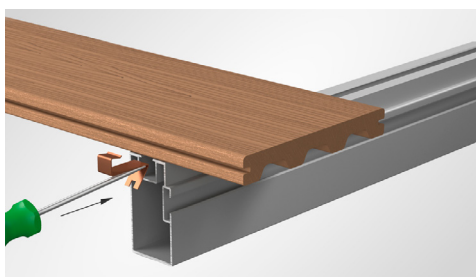
When the base beams are installed, install the first terrace board with starting clamp. For more comfortable installation we recommend to use a screwdriver. Installation of the starting clamp is similar for both base beams.



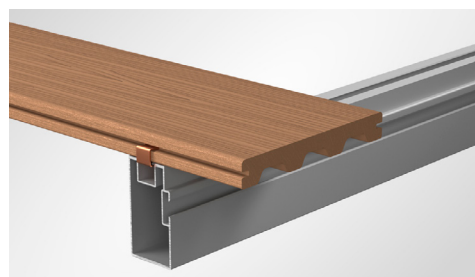
1 Installation of a starting clamp on 40x40 mm base beam



304301 Starting clamp 15x34x7  
ALU (20 pcs in package)



2 Installation of a starting clamp on 40x75 mm base beam



## INSTALLATION OF TERRACE BOARD

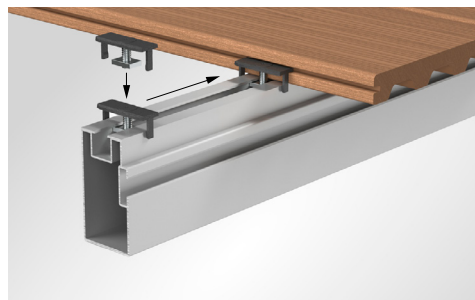
When the first terrace board is installed, install the subsequent boards with fixing clamps. Place the fixing clamp in the groove of the aluminium beam, so that longer side of the nut is located in longitudinal direction of the aluminium beam. During fixing, the fixing clamp stays in correct position due to its lateral supports. Slide the fixing clamp along the aluminium beam, until it enters the groove of the terrace board, and tighten the bolt of the fixing clamp. Repeat the process with all subsequent terrace boards. Use cordless drill and a special drill bit for tightening the fixing clamp. To prevent overtightening the bolt, use clutch mode with the cordless drill.



304302 Fixing clamp 20x40  
ALU (50 pcs in package)



1 Installation of a fixing clamp on 40x40 mm  
base beam



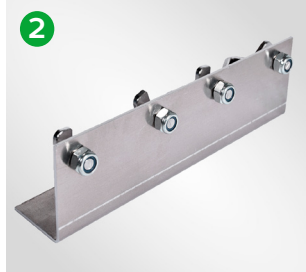
2 Installation of a fixing clamp on 40x75 mm  
base beam

## EXTENSION OF ALUMINIUM BEAMS

For extending aluminium beams, use the extension coupling. Extension couplings are equipped with stainless steel bolts and nuts. Place the beam on an installation plate and fix it with supplied stainless steel bolts and nuts.

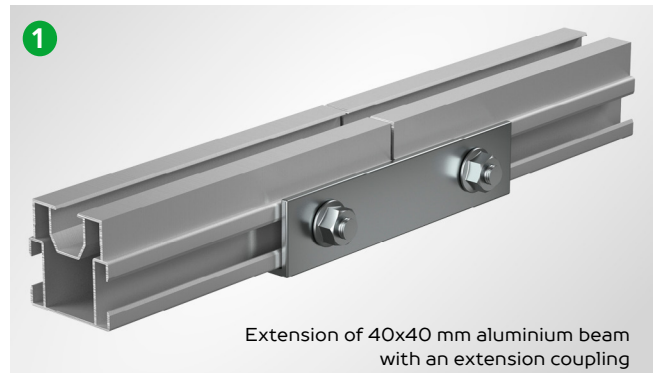


304303 Extension coupling for beam 40x40 ALU with two bolts and nuts

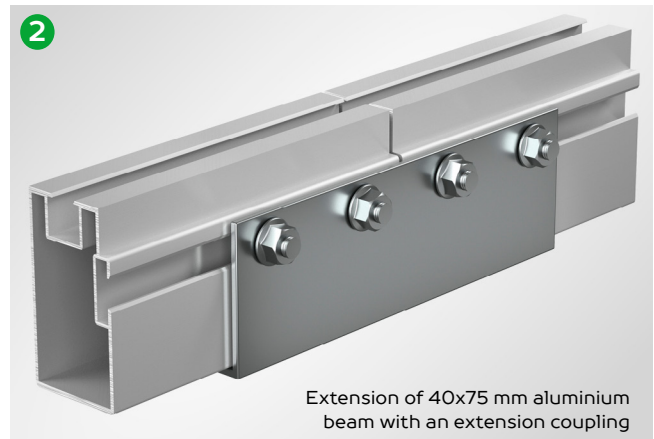


304304 Extension coupling for beam 40x75 ALU with four bolts and nuts

During installation account shall be taken of the fact that the length of aluminium base beams changes approximately 0.23 mm in case of 10 °C temperature difference. In case of larger surfaces, calculate expansion and contraction carefully before installation. When extending aluminium beams, at least 10 mm gap shall be left between beams, walls or other objects.



Extension of 40x40 mm aluminium beam with an extension coupling



Extension of 40x75 mm aluminium beam with an extension coupling

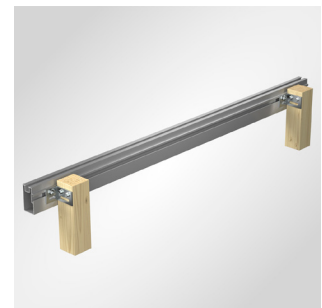
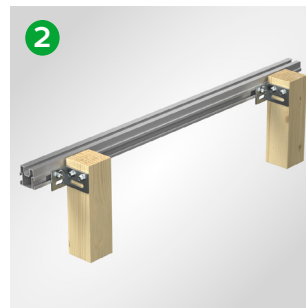
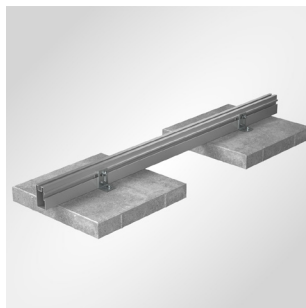
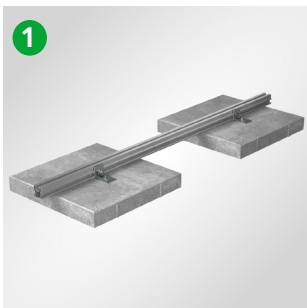
## FIXING ALUMINIUM BEAMS ON CONCRETE PLATE OR WOODEN BEAMS

### MULTI FIXING ANGLE

Base beams can be fixed on concrete plate (1) as well as wooden beams (2) with multi fixing angle. Fix the multi fixing angle to the aluminium beam with supplied stainless steel bolt and nut. For fixing the fixing angle to concrete and wood, use suitable fixing details depending on the situation.



304306 Multi fixing angle for beams ALU

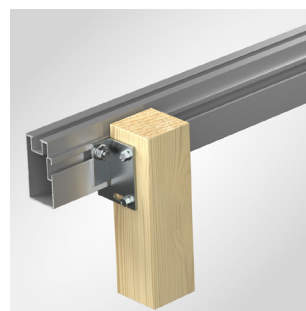


### FIXING ANGLE WITH SUPPORT FOR BEAM 40x75

Base beam 40x75 can be fixed to wooden beams also with a fixing angle, which has a support supporting the base beam. Fix the fixing angle to the aluminium beam with supplied stainless steel bolt and nut. For fixing the fixing angle to wood, use suitable fixing details depending on the situation.



304305 Fixing angle with support for beam 40x75 ALU with bolt and nut





## CROSSING OF BASE BEAMS

### CROSSING CLAMP FOR BASE BEAMS 40x75

For mutual crossing of base beams, the most comfortable method is to use a crossing clamp equipped with stainless steel bolt and nut.



304308 Crossing clamp for beams ALU with bolt



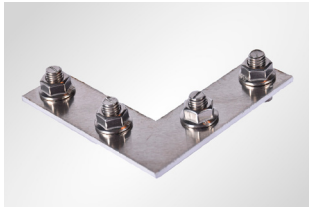
Connecting 40x40 and 40x40 aluminium beams with a crossing clamp



Connecting 40x40 and 40x75 aluminium beams with a crossing clamp

### RIGHT ANGLE FIXTURE FOR BASE BEAMS 40x40 and 40x75

In case of transverse crossing of base beams it is recommended to use a right angle fixture. Connect the right angle fixture to the base beams with supplied stainless steel bolts and nuts.



304307 Right angle fixture for beam ALU with four bolts and nut



Connecting 40x40 and 40x40 aluminium beams with right angle fixture



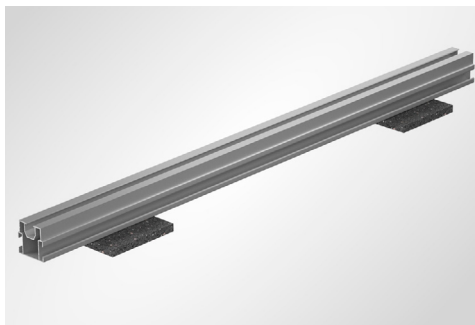
Connecting 40x40 and 40x75 aluminium beams with right angle fixture

## INSTALLATION ON RUBBER BASE MATS

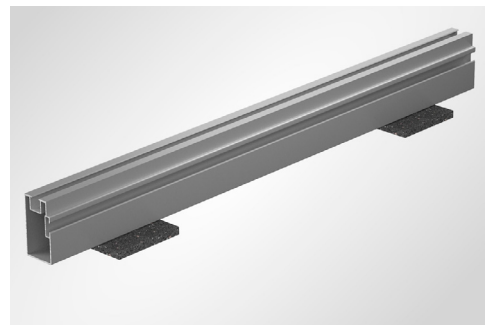
In a situation, where base beams can be installed directly on the substrate, it is recommended to use rubber mats 96x96x10 mm under the aluminium beams in order to ensure good drainage and ventilation. Rubber mat also helps to minimize impact and stepping noise. Lay a rubber mat after every 500 mm in case of 40x40 base beams and after every 1000 mm in case of 40x75 base beams, in longitudinal direction under the aluminium beams.



304212 Rubber base mat 10x96x96 mm



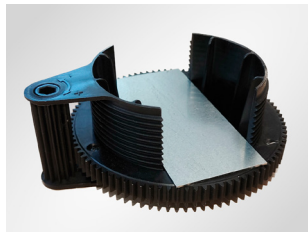
Aluminium beam 40x40 ALU on rubber base mats



Aluminium beam 40x75 ALU on rubber base mats

## INSTALLATION OF BASE BEAMS ON ADJUSTABLE TERRACE FEET

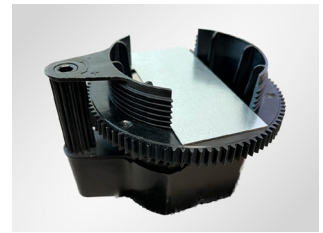
it is especially convenient to install aluminium base structure on adjustable terrace feet. Adjustable feet enable to achieve suitable height and inclination of base beams by turning the gearwheel at the side of the terrace feet. To do this, use a cordless drill with suitable drill bit. If the adjusted height is insufficient, use elevations of terrace feet. Each elevation provides 40 mm additional height. We also recommend to use 96x96x10 mm rubber mats under the terrace feet.



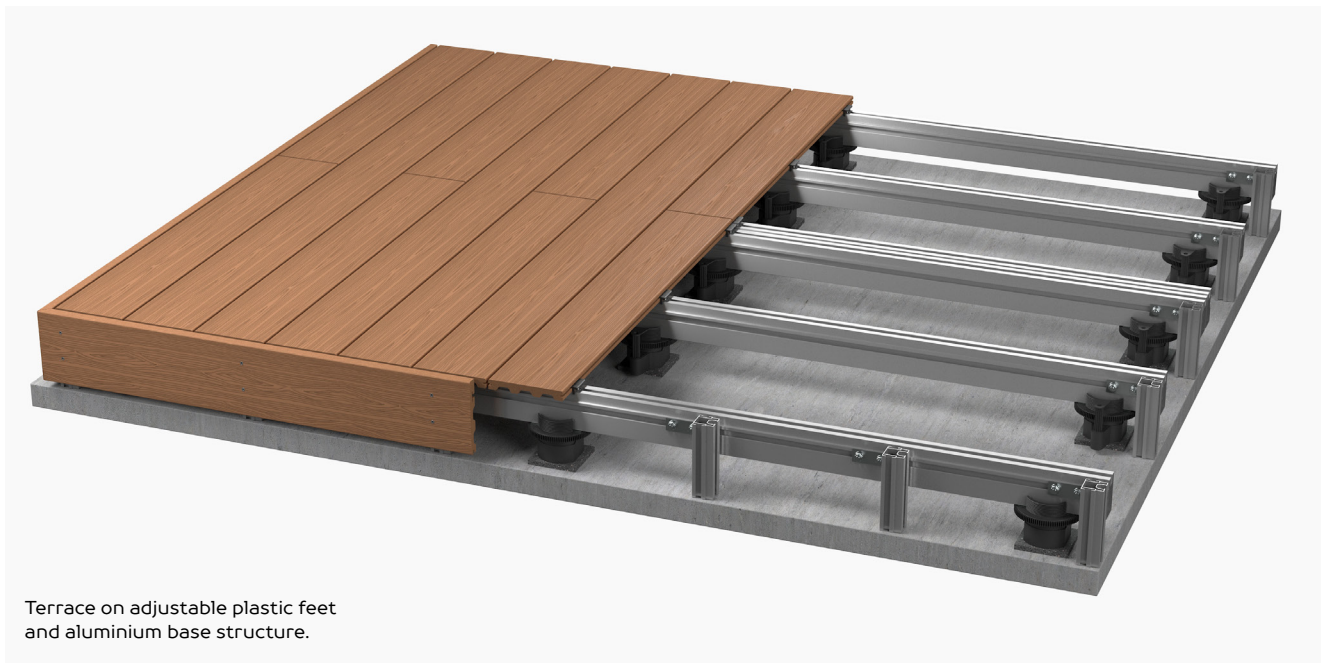
304311 Adjustable terrace foot with support plate OW (up to 50 mm)



304312 Elevation of terrace foot 40 mm OW



Adjustable terrace foot with elevation and support plate



Terrace on adjustable plastic feet and aluminium base structure.

## SAFETY, TOOLS AND PROTECTION EQUIPMENT

When processing materials, always use suitable protection equipment; gloves, safety goggles and earmuffs. Follow the safety regulations of the manufacturers of power tools.

For cutting aluminium beams, use a hand saw, angle grinder or buck saw. Always use a suitable saw blade intended for cutting aluminium. For tightening the fixing clamps, use a hand tool or cordless drill.

NB! Preferably use clutch mode for tightening the clamps; finger-tight is enough.

Fix the clamps with bolts and nuts according to the instructions provided in the package.

# MAINTENANCE

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 solution
1.	Dust and dirt	To remove dust and dirt, the surface should regularly be cleaned with water and brush, by wiping at the same direction with the pattern of the terrace board. To remove stronger dirt, use a pressure washer, if necessary use soap water or special detergent for WPC.
2.	Plants and leaves	Loose garbage should be removed with a brush and soaked with water. To remove stronger dirt, use a pressure washer, if necessary use soap water or weak aqueous solution of 2 % oxalic acid.
3.	Removing snow and ice	Snow and ice can be removed by a brush or plastic spade. To melt snow road salt (calcium chloride or sodium chloride) can be used. NB! Not to use a metal spade or any other tools damaging the surface.
4.	Salt residue	Loose salt residue should be wiped with a brushed and soaked with water, to remove stains, use washing detergent and warm water.
5.	Rust	Remove loose dirt with a brush and soak with water, to remove stains use detergent and warm water. For stronger dirt use aqueous solution with low level of oxalic or phosphoric acid and soak with water.
6.	Cement	Remove cement pieces with a brush and wash with a pressure washer. Use a detergent and warm water to remove the stains. For a harder damage, let the surface dry properly and to remove cement use sand paper with low grids.
7.	Food and drink stains	Soap water, a detergent containing acetone or methanol are suitable for cleaning and wipe with a brush in parallel with the terrace board pattern. For harder dirt let the surface to dry properly and redo the cleaning process when needed.
8.	Colour and oil stains	Use soap water, detergent containing acetone or methanol to clean and then wipe with a brush in parallel with the terrace board pattern. For stronger dirt, let the surface dry properly, in extreme cases remove the stains using fine sandpaper and if necessary use once more the detergent. If you are working with paints and stains on a terrace, cover the terrace floor
9.	Mould	To prevent mould the surface should be regularly cleaned and washed. To remove mould use a pressure washer and wipe with a brush in parallel with the terrace board pattern. For stronger mould, use soap water or special anti-mould detergents that are on sale at shops.
10.	Scratches	Lighter scratches vanish within time, to remove deeper ones, use fine sandpaper and rub it in parallel with the terrace board pattern.



## NB!

1. To clean the surfaces use solvents and detergents which pH is neutral. Stronger detergents may bleach and have a permanent impact on the surfaces colour.
2. Never use industrial chemicals to clean surfaces, because they may permanently bleach or damage the surface.
3. To prevent scratching, use only a soft bristled brush to clean surfaces.
4. Detergents containing oxalic acid and methanol should be used at low concentrations. If necessary slightly increase the concentration, by adding it to the water.
5. It is recommended to use sandpaper with grits between 40 and 100. Do not use a grinding machine!
6. It is not recommended to sand surfaces with wood pattern. Sanding removes the relief surface permanently.
7. When using a pressure washer the nozzle should not be closer than 300 mm to the terrace surface.

## WARRANTY

Warranty provisions are derived from the legislation of the Republic of Estonia and granting the guarantee is primarily based on the warranty given by the manufacturer provided that these are not in contradiction with the laws of the Republic of Estonia. The warranty covers the product's deficiencies related to production or materials during the warranty period.

### 1. General warranty conditions

- 1.1 The warranty is valid for the product's purposeful use for 2 years, i.e. 24 months.
- 1.2. The warranty period starts with the day the product was delivered.

### 2. The conditions for the validity of the warranty are current regulations and instructions for installation and maintenance, which should be taken as the basis for the installation, use and maintenance of the product.

The warranty may be valid, if the product has been regularly maintained and used purposefully.

### 3. Warranty does not include:

- 3.1. Training about the installation, maintenance and use of the product.
- 3.2. Repair of failures resulting from transportation damages and other mechanical damages (vandalism, lightning, fire etc.).

The warranty does not cover the failures that resulted from insufficient maintenance, incorrect installation or repair works or general wear.

More specific terms of sale and delivery are available on Onewoodi homepage [onewood.ee](http://onewood.ee) "MANUALS / TERMS OF SALES AND DELIVERY".



Developed for Nordic climate.

