

OUR PRODUCT RANGE DECK- & GARDEN





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Eurotec | Deck construction and landscaping

ABOUT EUROTEC

We are a medium-sized company engaged in the development, production and sale of products for the construction sector. To this end, we supply products for

the areas of timber-frame construction, deck construction and concrete fastening. We supply specialist dealers across Europe, who are responsible for distribution to skilled craftsmen.



TERRACE SYSTEMS FROM THE SPECIALIST

In addition to innovative products for timber construction, roof and facade or concrete and masonry, the company's product portfolio covers a wide range of high-quality items for terrace products of all types. From sturdy adjustable feet to robust system profiles and fastening elements – for visible or concealed decking board fastening – and even matching accessory parts, we have everything you need to achieve your individual construction project.







VARIETY MADE IN-HOUSE

With the start of production in our **in-house production facility** in 2013, we took an important step in our company history in order to **establish ourselves on the market** with our product range. To satisfy the high quality demands of our customers and ensure that they are implemented consistently, producing in-house is a major advantage. It makes it easier to provide **short delivery times** and rapid response times. The in-house plastic division can produce complex, small-part and multi-part plastic parts especially for terrace and garden construction. Cutting-edge machinery including **high-performance injection moulding** machines makes it possible to process a wide range of thermoplastics. The production range of multi-dimensional plastic injection moulding parts includes our adjustable feet and various adapters.



WORKING SUSTAINABLY

As a company, we appreciate the importance of environmental awareness and sustainability: **100% of our rejects and defective parts are recycled** and then ground into smaller granules (regrind) to be fed back into the processing chain. In production, we are especially committed to using **natural resources** and minimising our **environmental impact in the various divisions.**





CONSTRUCTION SITE – WE CAN HELP WITH EXPERT ADVICE

Service from a single source – you can trust in us even during the terrace preplanning phase. We can support you in choosing the right product and planning your project. We can also provide advice on exclusive options.

During the construction process, our experienced sales reps support our customers on site, offering customer-focused on-site assistance from A to Z. This means that ideas can be developed and discussed right at the project site.

The planning of large-scale projects is also supported and coordinated by our sellers from the outset.





SERVICE IS ONE OF OUR TOP PRIORITIES

To ensure that all requirements continue to be fulfilled, we keep the issue of sales in mind at all times and offer our customers an extensive range of services.

We aim to share our specialist expertise and many years of practical experience with you. We can offer you and your customers both online and in-house seminars and can also provide in-person training on the construction site.

Do you have any other unanswered questions? Whether it's in person, by phone or be email – we are always happy to provide in-depth one-to-one advice and offer help.







OUR **NEW** TERRACE SOFTWARE

The terrace software to facilitate material requirements planning for terrace construction now, in addition to a **general design update**, features not only a **super user-friendly interface**, but also a host of new features. These include, in addition to the industry-standard basics, **gradient and discharge planning**, **sketches** as well as **detailed product dependencies**, so that you always have the best results for your material requirements planning.*

www.terrasseplanen.de

1.4.10

98





Planungsergebnis Vielen Dank, dass Sie unsere Planungssoftware verwendet haben E PROJECTURO SPECHE POF HERUNTERLADEN Produktliste

Individual designs with free planning

When selecting your basic shape, you can not only pick from the terrace geometries that are already available. You also have the option to map more complex geometries with the help of free planning.



The terrace software makes it easy to plan the elevation level of your building project. The elevation data is displayed systematically for each adjustable foot. Even gradients do not pose a problem for terrace planning, thanks to the customisable height points.

Planning result*

Get the best planning result for material requirements planning for your project specifications, including a downloadable PDF and the option to send your project directly as an email.

Save the code and continue later!

During the planning process, you can save your project as a link with the save function and continue working on it at a later stage.

START NOW WITHOUT REGISTERING:

Without registering, you can access all planner features and plan up to 15 m² for free. For further planning options, simply register or contact us at terrasseplanen@eurotec.team.

*For the calculation, assumptions were made on the basis of the information you provided. Check the assumptions made. The specified values, type and number of fasteners are planning aids as offered. Volumes may deviate during implementation planning.

**You can use the Google Chrome browser to translate the website into your language and start working with the software straight away.

EuroTec calculation service

Quantitative determination timber deck



The specialist for fastening technology

by phone 02331 6245-444 · by fax 02331 6245-200 · by e-mail technik@eurotec.team

Please contact our technical department or use the free calculation services in the service section of our website: https://www.eurotec.team/en/service

Contact					
Trader:			_	Contractor:	
Contact person:			_	Contact person:	
e-mail:			_	Phone:	
Project:			_	e-mail:	
Project details					
Length Side A: (running in direction of the substructure) Length Side B: (running in direction of the boards) Centre distance e: (substructure spacing)	to _			Substructure	
Dimensions of decking boards: (Strenght x width) Boards grooved:	Yes	□ No	_ mm		
(if yes, please enclose a sketch showing Type of wood:	groove)		_	System profile EVO 60 x 40 x 4000 mm W x H x L	Support profile HKP 60 x 100 x 4000 mm W x H x L
Timber substructure					
Dimensions of joist: (Length x width)			_ mm	R	
Timber type of joist:			_	System profile Eveco* 39 x 24 x 4000 mm W x H x L	☐ System profile EVO Slim 60 x 20 x 4000 mm W x H x L
Deck edging end profile:	□ Yes	🗆 No		*e.g. in connection with Systemclip ECO	

Reference: information on the processing of your personal data can be found at the following link: https://www.eurotec.team/en/data-protection Timber deck inquiry form EuroTec © Updated 2024/03

EuroTec calculation service Quantity calculation for stone patio



by phone 02331 6245-444 · by fax 02331 6245-200 · by e-mail technik@eurotec.team

Please contact our technical department or use the free calculation services in the service section of our website: https://www.eurotec.team/en/service

Contact	
Trader:	Contractor:
Contact person:	Contact person:
e-mail:	Phone:
Project:	e-mail:
Project details	
Utilisation (to determine the loading capacity) private public	
(close to ground level) (Roof terraces, balcinies, loggias) □ Corner support system (mounted on adjustable pedestals) Stone-System (mounted on adjustable pedestals)	
Length Side A: (in stress direction of substructure = SS)	
Length Side B:	
Centre distance e:	_ m
Total assembly height from to	– mm
Nivello 2.0 required: (to compensate a sloped subsurface)	mm gai Sab
Flooring dimensions*:	s G
Deck edging end profile: 🛛 🖓 Yes 🗌 No	Pati o side B
Substructure with aluminium profile	□ Stretcher bond
System profile EVO 60 x 40 x 4000 mm W x H x L	Dimension B Sab
System profile EVO Slim Support profile H 60 x 20 x 4000 mm Wx H x L Support profile H 60 x 100 x 4000 W x H x L	HKP Patio side B

OUR EXPERTISE ESPECIALLY FOR YOU

What aspects are important when building terraces?



Eurotec | Deck construction and landscaping



PROPER SURFACE FOR ADJUSTABLE PEDESTALS

If you want to build / create a viable and permanently reliable terrace, the condition of the subsurface significantly contributes to the success of the project and should therefore be prepared carefully in advance.

If no foundations are available, we recommend to use adjustable pedestals. For a properly designed terrace construction, a load-bearing substrate made of gravel, split or floor slabs is required. These can absorb arising loads in the soil. Before the substructure made of aluminium profiles or support beams are laid.

- A supporting structure is required. Appropriate preparations must be made for loose subsurface.
- Stake out the planned area and remove any natural soil, such as turf, rocks and weeds.
- Remove the top layer of soil that contains humus and soil-dwelling organisms in addition to inorganic substances.
- If the topsoil is removed, dig out a 20 30 cm deep bed.
 Fill with crushed gravel or chippings and compact each layer separately to ensure a stable substrate.
- \cdot Here, too, a gradient of 1 2% to the garden should be considered.
- Pure sands and gravels are not recommended as they are not based on the displacement of the individual grains.

- Lay concrete slabs of approx. 30 x 30 cm at the same distance as the foundation.
- If there is risk of impact vibration on the decking, the decking pedestals should be secured in place. In addition, decking pedestals that are frequently subject to stresses should be secured by screws to avoid twisting.

Please note that the mentioned processing instructions are only recommendations and are not binding installation instructions.

Each assembly has different requirements, for which the executing company is responsible.

In order to determine the strength of the superstructure, it is important to determine the expected load on the terrace. Thus, paths with no vehicle traffic do not require a supporting layer, or you can choose to use one with a very low strength (10 - 20 cm). Stronger layers are required for busy paths.

First, the area is measured in the terrain (position, slope) and marked. Work is carried out on each of the sides, approx.10 cm beyond the width of the deck to stabilise the surface edges.

Good topsoil can be stored on heaps for further use on the planting areas or removed with the entire excavation work.

Planum

After digging, the subsurface (soil, natural ground) is levelled out, possibly improved (stabilised) and compacted. The flatness of the substructure is necessary to prevent the collection of water in uneven and sinking ground, which can later lead to lowering of the superstructure.

· Example for the improvement of the substrate

Too higher water content compensated by coarse gravel or burnt lime, in case of unfavourable grain composition (e.g. gravel 8/16, 16/32) incorporate missing grain sizes can be.

Frost protection layer

If necessary, an antifreeze layer can be installed, which consists of gravelsand or grit-sand mixtures of grain size 0/32 and should have a minimum thickness of 10 cm. After installation, the compacting of the layer takes place. At the same time, it also serves as a granular subbase, which prevents indentations of the base layer in the substructure.

Base layer

This is followed by the installation of the base layer.

- · Absorbtion and distribution of the traffic load
- · Material: Mineral gravel or recycled material with grit sizes 0/32, 0/45, 0/56. No zero-components if enhanced water permeability mineral concrete is required, e.g. under a mosaic pavement or plate coverings under a heavy load

The thickness of the base layer depends on the expected load. After the gravel has been installed (compression factor 1.3), this is levelled, first a rough plan with the spade is made, followed by a fine planum with a rake.

In this case, slopes (generally, 2% is sufficient) are observed. For terraces with garden access, the water can usually be led into the neighbouring beds, depending on the width of the path, a roof slope can be planned. Longitudinal gradients mostly result from the conditions of the terrain. For thicker layers, the compaction takes place layer by layer every 20 - 25 cm. In order to prevent the gravel from separating, it is installed and compacted when it is moist.



PROCESSING INSTRUCTIONS TERRACE

Substructure

A properly executed substructure is of great importance for a stable and durable wooden terrace. On the one hand, it has the task of supporting the actual decking, so that a flat surface is maintained even under a heavy load. On the other hand, it serves as the constructive protection of wood by creating a distance between the ground and decking/wooden supports. The wood is thus neither exposed to waterlogging or increased wood moisture in the ground-air zone.

Waterlogging and increased moisture content coupled with the use of unsuitable wood species would create a breeding ground for wooddestroying organisms. In the following, we would like to show you various approaches to the construction of a terrace substructure.

A supporting ground is required. This can be compacted soil or gravel as mentioned before. This is where the foundation rests on. The support timbers are laid on these.

The foundations create the above mentioned necessary distance between soil and wood and remove the emerging loads.

Here are three examples for the installation of substructures

1 Paving slabs

Paving slabs on the base layer provide a stable foundation. With the EPDM Rolfi spacer and the Rolfi roll, wood preservation is provided by design. Paving slabs are, however, hard to level and align.

2 Concrete foundation slabs

Concrete foundation slabs are an alternative to the paving slabs and are generally designed for two different timber board cross sections. It can still can be difficult to adjust the height, however.



3

3 Adjustable pedestals by Eurotec

The adjustable pedestals can be placed directly on compacted ground or on concrete. The time-consuming construction of the foundations and the relining of the substructure wood for height adjustment are eliminated. The height can be infinitely adjusted together with the upporting joint, which is connected by a bracket directly to the adjustable foot.

HAZARDS IN THE CONSTRUCTION OF TIMBER DECKS

The various timber types differ from one another not only in their appearance but also in their technical properties:

- One particularly important property of wood with regard to deck construction is **dimensional stability** (also known as "resilience").
- Experts use this term to refer to the property whereby wood changes shape i the course of use due to swelling or shrinkage. The various timber types show different degrees of dimensional stability. For this reason, special attention must be paid to the choice of the timber type. For deck construction, we recommend using timber with high dimensional stability. Some timber types, including **Massaranduba**, exhibit lower-than-average dimensional stability, so we explicitly advise against using these timber types for deck construction. Since, from an absolute perspective, the swelling and shrinkage behaviour increases as the width of the timber boards increases, we also recommend a maximum board width of 120 mm. You can find details of the dimensional stability of some common timber types in the "Overview of timber types" on p. 22 – 27 of our catalogue.
- Rift-sawn planks should always be used in preference to flat-sawn planks, as they have considerably better properties with respect to cracking, splintering, swelling and shrinkage, as well as dimensional stability, and therefore tend t distort and warp less. Often, so-called flat-sawn planks cannot be fastened permanently with either visible or hidden methods. In such cases, we cannot guarantee permanent fastening.
- Even fine particles of abraded metal can lead to dark spots of corrosion on the timber boards. Metalwork should not therefore be carried out in the direct proximity of the deck.
- Constituent substances in the timber can cause contamination of adjacent surfaces; it is therefore important to take constructive precautions, such as maintaining sufficient distances from nearby components.
- As nature does not adhere to quality guidelines, the suitability of timber for deck construction does not depend solely on the timber type. Often, problems can occur even due to individual batches of a timber type that is normally harmless. Possible reasons for this include spiral grain and insufficient drying.
 - → Spiral grain refers to a wood grain that has grown in a spiral around the trunk axis; this becomes a problem if, in the course of use, the moisture contained in the wood deviates from the moisture level at installation. If this happens, internal tension in the wood is released and can therefore cause the deck boards to warp. The energy released in this process is so enormous that it often impairs even perfectly installed fastening systems.

- → It is a property of every timber to be able to absorb and emit water. For the user, this property can primarily be perceived through the timber's swelling and shrinking. One task of the timber trade is to bring timber to the correct state of dryness for the respective area of use. If timber is used that has an incorrect moisture content at installation, this can quickly lead to damage.
- Many properties of the timber vary strongly depending on the grade. It is therefore advisable to contractually stipulate all criteria in advance with your timber dealer!
- Particular care should be taken when purchasing Bangkirai. In the past, increased demand often meant that substitute timber from South East Asia was

 knowingly or unknowingly – traded as Bangkirai. Most of these substitute timbers are considerably less suitable for deck construction. This results in cracking, strong warping and bending of the boards.
- It is essential to use identical timber types in order to ensure the durability of the deck – i.e. the upper deck and substructure must be made of the same material.

· Application of bits made of stainless steel

When setting screws, it inevitably always leads to a little abrasion between the screw drive and bit. This abrasion can lead to discolouration of the wood surface and the screw head in outdoor applications or in wet rooms, when attaching wood rich in tannins.

Mistakenly, this is often attributed to the screw, even if it is made of stainless steel. In order to avoid the risk of discolouration due to extraneous rust, stainless steel bits should also be used for setting stainless steel screws!

A lot of damage to deck structures can be prevented in advance by thoroughly inspecting the timber that is to be installed. If, for example, the tradesman responsible already notices deformation in the deck boards before installation, none of these boards should be installed.



TAKE WIND SUCTION INTO ACCOUNT

To build a roof terrace, it is vital to take **wind forces** into account when planning the terrace design. **Wind forces have a varying impact on the terrace**, depending on the building height, shape and location, and they determine the amount of wind suction that occurs. Accordingly, the terrace **needs to be secured** against wind suction to prevent it from lifting off or sliding.



All roof terraces are exposed to different forces and conditions. The particular loads therefore need to be taken into account in every project. "Eurocode 1: Actions on structures" to DIN EN 1991-1-4 contains helpful reference values that can be used as a guide. The table below provides an overview of the potential impact forces. If you have any questions on calculating forces and planning your terrace project, please contact our technical department (technik@eurotec.team).

TECHNICAL VALUES TO DIN EN 1991-1-4/NA

		Simplified gust velocity for structures up to 25 m in height to DIN EN 1991-1-4/NA			
Wind zone		Velocity pressure q in kN/m ² for building height h within the boundaries of			
		h ≤ 10 m	10 m ≤ h ≤ 18 m	18 m ≤ h ≤ 25 m	
1	Inland	0,50	0,65	0,75	
2	Inland	0,65	0,80	0,90	
L	Baltic Sea coasts and islands	0,85	1,00	1,10	
2	Inland	0,80	0,95	1,10	
3	North Sea and Baltic Sea coasts	1,05	1,20	1,30	
	Inland	0,95	1,15	1,30	
4	North Sea and Baltic Sea coasts and Baltic Sea islands	1,25	1,40	1,55	
	Baltic Sea islands	1,40			



Wetness and heat differences can cause the terrace to warp in WPC decking boards made from plastic. Particularly in structures located on level surfaces (e.g. roof terraces) with a lightweight covering, there is a risk of wind suction, causing the terrace to slide out of position. To prevent this, it is recommended to weigh down the substructure using the load brackets (p. 72) and additional concrete slabs laid on the connectors.



To give a terrace structure optimum protection from **environment influences such as strong wind**, the structure should be sufficiently **weighed down**. To achieve this, concrete slabs are installed in the substructure with our **load brackets**. The number of slabs needed varies depending on the location of the terrace. Terraces protected from the wind by buildings require fewer slabs than a roof terrace on a multi-storey building, for example. **Along the edges** in particular, **sufficient additional slabs** should be installed to ensure that undesired **warpage of the structure** caused by external influences is **minimised**.



SELECTING SCREW STEELS BASED ON THEIR CORROSION RESISTANCE

Step by step

3.

Select the right screw material for your project by observing the following principles. Go through the three points one after the other. The right material is marked for points 1 and 2 with (X) at least, or even better with X. In the event of additional chemical stress, point 3 must conform as well.

What's the component's situation? Is it exposed to the weather (fence) 1. or is it protected (ceiling beam)? Which wood is being fastened? Is it simple construction wood, or 2.

tannin-rich tropical wood?

Are there any additional stresses in situ that encourage corrosion? Location near the sea? Heavy industry, etc.?

Example: fastening a façade made of Douglas fir

- 1. Use class = 3, because exposed to weather. Façade = optical requirements. \rightarrow at least C1
- 2. Douglasie → at least C1, but an A2 or A4 is to be preferred.
- 3. This point is not required, because there are no further external stresses.
- Selection: C1 is possible, but A2 or A4 is to be preferred.

	Carbon	steel	Stainless steel, martensite	Stainless st	eel, austenite
Steel group	Electroplated	Special coating	C1; hardened stainless steel	A2	Α4
Product examples	Paneltwistec blue / yellow Hobotec blue / yellow	Paneltwistec 1000 Topduo	Terrassotec stainless steel, hardened Hapatec	Terrassotec A2	Terrassotec A4 Hapatec Heli
		1. Position of the	component?		
IKL 1 °)	Х	Х	X	Х	Х
KL 2 ^{a)}	Х	Х	Х	Х	Х
KL 3 º ³	-	(X) ^{b)}	x	Х	Х
		2. Which wa			
ructural timber, wood materials ^{d)}	X	X	X	х	X
eech (red beech)	X	X	X	X	X
ouglas fir	-	-	(X) ^{e)}	X	X
pruce	Х	Х	X	Х	Х
ne	Х	Х	Х	Х	Х
ırch	-	-	(X) ^{e)}	X	Х
oniferous wood, pressure-impregnated	(X) ^{b)}	(X) ^{b)}	(X) ^{b)}	(X) ^{b)}	Х
ed cedar	-	-	-	(X) ^{f)}	Х
r	х	Х	Х	X	Х
nermotreated wood from coniferous wood	-	-	-	(X) ^{f)}	Х
bachi	-	-	-	(X) ^{f)}	Х
fzelia, doussié	-	-	-	(X) ^{f)}	X
zobé, bongossi	-	-	-	-	X
angkirai, balau	-	-	(X) ^{e)}	X	Х
ilinga	-	-	-	(X) ^{f)}	Х
purbaril, jatobá	-	-	-	-	Х
umarú	-	-	-	(X) ^{f)}	Х
weet chestnut	-	-	-	-	Х
che	-	-	-	-	Х
ıkalyptus	-	-	-	-	Х
arapa	-	-	-	-	Х
é	-	-	(X) °)	Х	Х
oko	-	-	(X) °)	Х	Х
aúba	-	-	-	-	Х
osipo	-	-	-	-	Х
assaranduba	-	-	-	-	Х
erbau	-	-	-	-	Х
obinie	-	-	-	-	Х
nermally modified timber made from hardwood	-	-	-	(X) ^{f)}	Х
		3. Additional che	nical load?		
onstant condensation ^{g)}	-	-	-	(X) ^{b)}	Х
alt load ^{h)}	-	-	-	(X) ^{b)}	Х
ggressive atmospheres ^{k)}	-	-	-	-	(X) ^{m)}
nlorous atmospheres ¹⁾	-	-	-	-	-

Use classes in accordance with DIN EN 1995:2008. NKL 1 - components in structures enclosed on all sides, partly heated. a) NKL 2 - components in roofed, open structures without direct weather exposure, NKL 3 - freely weathered constructions.

Recommended only for less significant fastening points, or for temporary objects, or if there are no visual requirements. b)

Pilot-drilling and, where applicable, pre-countersinking, is recommended in general for hardwoods. This also applies for c) coniferous woods in deck and façade construction.

Untreated: spruce, fir, pine, composite timber, KVH®, veneering laminated wood, solid wood, etc., plywood, OSB, d) fibreboards, cement-bound and gypsum fibreboards, etc.

In our experience, using this timber with C1 does not lead to problems with corrosion or timber discolouration. e) Depending on the origin of the timber, however, this cannot be ruled out completely. Please also inquire at your timber dealer. f)

Use of A4 is recommended. Please contact your wood dealer as well.

Uninterrupted condensation in a water vapour atmosphere with only slight impurities. a)

Building components close to roads heavily affected by salting in winter, coastal areas, in offshore and other h) industrial installations.

k) For example: building components in road tunnels, pig stalls or in other aggressive atmospheres, possibly with additional higher air humidity.

I) Building components in indoor swimming pools or other chlorous atmospheres.

m) Use to be checked in the individual case

This overview cannot take account of all applications. Materials can be assigned to more unfavourable conditions as well in an individual case.

WOOD DECKS

Because of constantly occurring problems with the use of hardwood/tropical woods we want to point out some fundamental working guidelines that must be observed. However, we refer in general to the recommendations of your wood dealer, because there can be extreme fluctuations in the wood properties with the same wood type, above all with tropical woods. Bangkirai wood, for example, which is often used, can have very different properties, because the properties depend heavily on the source in each case. If the variety of wood properties within a range is ignored, this can lead to various problems with regard to screws breaking off.

At a width of 140 mm, Bangkirai woods or other hardwood/tropical woods can swell or shrink by up to 7 mm, depending on the wood moisture. With direct screwing through the boards into the substructure we recommend using a pair of screws. If the board is fastened directly on the substructure and the board works from the centre by about 3,5 mm, this leads in some cases to the screws being sheared off. The hardwood/tropical wood does not allow the screw to absorb any movement because it can barely be compressed because of its own high density.

Although deck/wood construction screws today have a suitable deflection angle, hardwoods that are placed directly on top of each other function as shearing odules that shear the screws off if the wood swells or shrinks. (Per board half = 3,5 mm displacement, this conforms to about the inside diameter of a screw with a 5 mm thread, which is the minimum that should be used with tropical woods).

In certain circumstances, screwing in the centre of the board might be deducted from this. Unfortunately, tropical woods have an extremely high internal stress, which leads to the boards twisting (dishing), which in most cases requires pairs of screws.

However, **using a spacer** (e. g. distance strip 2.0 or deck glider) between the substructure and deck board is very helpful here. This provides the screws with a possibility of bending in the direction of the working wood. The danger of shearing is greatly reduced. In addition, this clearance protects the wood from waterlogging at the support points. The ageing process is slowed down clearly.

A mistake that is frequently made is to have centre distances in the substructure that are too large. The most durable results are achieved if this clearance, and therefore the screw clearance in the lengthwise direction of the boards, is max. 60 cm.

Please note that the installation information provided here is merely a recommendation and does not constitute binding assembly instructions. Every assembly job is subject to different performance requirements, e. g. locally applicable building regulations, and the tradesman carrying out the installation is responsible for compliance with these requirements.





Pilot-drilling is always better with problematic woods. These are above all hardwood/tropical woods, but also some coniferous woods that tend to crack easily, such as e.g. Douglas fir.

Pilot drilling prevents the wood splitting. With regard to the edge distances make sure that there is at least 6 cm clearance to the end of the board.

(Please note: because of the high internal stress the boards can also crack open later at the ends and in the middle. This also applies to thermally treated woods).

OVERVIEW OF TIMBER TYPES*

*Solid wood decking is not part of our product range. This short overview represents a planning aid.

A timber deck matches any ambience. Whether they are left natural and greying or are treated with care products: They lend a certain proximity to nature or even a sense of urban chic, and always a sense of well-being.

As well as a suitable fastening system, above all good planning and professional assembly are essential for long-lasting, low-maintenance deck construction. Not all timber is the same: As well as aesthetics and price, it is advisable to weigh up the technological properties against one another. A timber with very high durability and an astoundingly beautiful exterior can, for example, have only moderate dimensional stability and may not be suited for indirect, hidden fastening. This overview of the most common deck timbers might assist you in your considerations.

PLEASE ENSURE THAT YOU REFER TO THE INFORMATION WE PROVIDE "HAZARDS IN THE CONSTRUCTION OF TIMBER DECKS" ON PAGE 17.



GLOSSARY

Fiedels – Adobe Stock

E-modulus (modulus of elasticity) – resistance of a material to elastic deformation. The higher the Young's modulus, the stiffer the component. This overview quotes the Young's modulus as measured parallel to the grain. Durability class – indication of the natural durability of the heartwood with respect to fungus, from 1 (very durable) to 5 (not durable). Dimensional stability – characteristic of the timber not to warp, twist, etc. due to swelling / shrinkage.

THERMALLY MODIFIED TIMBER GENERAL DETAILS low medium high Origin: Central, South and Eastern Europe, North America BULK DENSITY Colour: Dark brown; also greying as untreated timber COMPRESSIVE STRENGTH Durability class: 1 - 2, untreated: 5 DEFLECTION RESISTANCE Properties: Low swelling and shrinkage, excellent dimensional stability, thermal treatment leads to reduction in strength and elasticity and causes E-MODULUS the surface to become brittle. HARDNESS APPLICATION DURABILITY Deck construction, parquet, floors, garden furniture, sometimes as a substitute for tropical timber, not to be used for structural applications. DIMENSIONAL STABILITY **ADVANTAGES** DISADVANTAGES INSTALLATION INSTRUCTIONS + High durability Surface made brittle by · Centre distance in substructure: max. 50 cm thermal treatment + No erosion · Joint width between the boards: 4 to 6 mm + High hardness Not for structural applications · Spacing between the butt joints: 3 to 4 mm + Low swelling and shrinkage - Moderate hardness + Substitute for tropical timber OUR + Largely sourced from sustainable forestry RECOMMENDED FASTENING ELEMENTS CAN BE FOUND HERE

ROBINIA, FALSE ACACIA (ROBINIA PSEUDOACACIA)



stability

- + High strength
- + High hardness
- + Substitute for tropical timber

+ Largely sourced from sustainable forestry

GENERAL DETAILS

- Origin: North America, also cultivated in Europe since the 17th century (not to be confused with Acacia)
- Colour: Yellow-green to olive brown, darkening to golden brown
- **Durability class:** 1 2, most-durable domestic timber
- Properties: High swelling and shrinkage, satisfactory to moderate dimensional stability, high strength and hardness, distinctive texture.

APPLICATION

Deck construction, window frames, playground construction, fencing, excellent structural timber for outdoor use, sometimes used as a substitute for tropical timber.

INSTALLATION INSTRUCTIONS

- · Centre distance in substructure: max. 60 cm
- · Joint width between the boards: 6 bis 10 mm
- · Spacing between the butt joints: 3 bis 4 mm



RECOMMENDED FASTENING ELEMENTS CAN BE FOUND HERE

MERBAU (INTSIA SPP.)



GENERAL DETAILS

- Origin: Southeast Asia, trade name encompasses various species
- Colour: Light brown to reddish brown, darkening to brown to dark copper brown
- Durability class: 1 2
- Properties: Very low swelling and shrinkage, excellent dimensional stability, high strength and hardness

APPLICATION

Deck construction, window frames, parquet, stairs, furniture

INSTALLATION INSTRUCTIONS

- Centre distance in substructure: max. 60 cm
- · Joint width between the boards: 4 to 6 mm
- · Spacing between the butt joints: 3 to 4 mm



OUR RECOMMENDED FASTENING ELEMENTS CAN BE FOUND HERE

MASSARANDUBA (MANILKARA SPP.)



- + High hardness
- dimensional stability Often originates from overexploitation (use only certified timber wherever possible)
- We consider permanent, secure fastening to be highly critical

KAPUR (DRYOBALANOPS SPP.)



ADVANTAGES + High durability

DISADVANTAGES

- Possible erosion of constituent substances in the timber Often originates from overexploitation (use only certified timber wherever possible)
- Moderate hardness - Moderate dimensional
- stability

IPÉ, LAPACHO (TABEBUIA SPP.)



ADVANTAGES

+ High durability + Good dimensional

- stability
- + Extremely high strength
- + Very high hardness

- + Approved structural timber

GENERAL DETAILS

- Origin: Northern to central South America, trade name encompasses various species Colour: Meaty red colour, later darkening to dark brown
- Durability class: 1 2
- Properties: High swelling and shrinkage, satisfactory to moderate dimensional stability, extremely high strength, high hardness, homogeneous texture.

APPLICATION

Deck construction, floors subject to heavy loads, noise barriers and privacy screens, fencing, structural timber, sometimes used in water engineering.

INSTALLATION INSTRUCTIONS

The installation is extremely dependent on the timber's moisture level The wood moisture must always be determined before installation. Ask your timber supplier for more information.



OUR RECOMMENDED FASTENING ELEMENTS CAN BE FOUND HERE

GENERAL DETAILS

- Origin: Southeast Asia, trade name encompasses various species
- Colour: Orange to reddish brown, darkening to brown
- Durability class: 1 2
- Properties: Moderate to high swelling and shrinkage, satisfactory to moderate dimensional stability, homogeneous texture.

APPLICATION

Deck construction, fencing, structural timber

INSTALLATION INSTRUCTIONS

- Centre distance in substructure: max. 60 cm
- Joint width between the boards: 6 to 10 mm
- Spacing between the butt joints: 3 to 4 mm



OUR RECOMMENDED FASTENING ELEMENTS CAN BE FOUND HERE

GENERAL DETAILS

- Origin: Northern to central South America, trade name encompasses various species Colour: Light brown to light yellowish brown, later darkening to brown to olive brown Durability class: 1 - 2
- Properties: Moderate to high swelling and shrinkage, good dimensional stability, extremely high strength, very high hardness, homogeneous texture.

APPLICATION

Deck construction, bridge construction and shipbuilding, floating jetties, fencing, parquet, floors subject to heavy loads, approved structural timber, sometimes used in wate engineering.

INSTALLATION INSTRUCTIONS

- · Centre distance in substructure: max 60 cm
- Joint width between the boards: 6 to 8 mm
- · Spacing between the butt joints: 3 to 4 mm



OUR RECOMMENDED FASTENING ELEMENTS CAN BE FOUND HERE

Often originates from

overexploitation (use

only certified timber

wherever possible)

24



INSTALLATION INSTRUCTIONS

- · Centre distance in substructure: max. 60 cm
- · Joint width between the boards: 6 to 8 mm
- · Spacing between the butt joints: 3 to 4 mm



OUR RECOMMENDED FASTENING ELEMENTS CAN BE FOUND HERE

*Solid wood decking is not part of our product range. This short overview represents a planning aid.

- Possible erosion of

in the timber

constituent substances

 Often originates from overexploitation (use only certified timber

wherever possible)

Moderate dimensional stability

+ Very high durability

+ Very high hardness

+ Extremely high strength





- + High hardness
- in the timber Often originates from overexploitation (use
 - only certified timber wherever possible)

GENERAL DETAILS

- Origin: South, Southeast and East Asia, trade name encompasses various species
- $\textbf{Colour:} \ \textbf{Yellowish brown, often darkening to olive brown}$
- Durability class: 2
- Properties: Medium to high swelling and shrinkage, satisfactory dimensional stability, high strength and hardness, distinctive texture.

APPLICATION

Deck construction, piers, floating jetties, fencing, stables, flooring subject to heavy use, structural timber in water engineering. Many of the Shorea species of the Meranti group are used for window frames.

INSTALLATION INSTRUCTIONS

Installation is extremely dependent on the timber's moisture level. The wood moisture must always be determined before installation. Ask your timber supplier for more information.



OAK (QUERCUS ROBUR, QUERCUS PETRAEA)



ADVANTAGES

DISADVANTAGES

- + High durability
- + Good dimensional stability
- + High hardness
- + Approved structural timber + Substitute for tropical timber
- + Largely sourced from
- sustainable forestry

GENERAL DETAILS

- Origin: Europe
- Colour: Yellow brown, darkening to brown to olive brown
- Durability class: 2
- Properties: Low swelling and shrinkage, good dimensional stability; distinctive, decorative texture.

APPLICATION

Deck construction, stairs, parquet, furniture, window frames, fencing, approved structural timber, sometimes used as a substitute for tropical timber.

INSTALLATION INSTRUCTIONS

- · Centre distance in substructure: max. 60 cm
- Joint width between the boards: 6 bis 8 mm
- Spacing between the butt joints: 3 bis 4 mm



RECOMMENDED FASTENING ELEMENTS CAN BE FOUND HERE

OUR

WALABA (EPERUA SPP.)



DISADVANTAGES

- **ADVANTAGES** + High durability
- + No erosion
- + Low swelling and shrinkage
- + Good dimensional stability
- + High strength and hardness
- + Timber from reservoirs means no destruction of primeval forest

GENERAL DETAILS

- Origin: As reservoir timber from the Brokopondo Reservoir in Suriname (South America), otherwise from northern South America; trade name encompasses various species. Colour: Red brown to dark brown
- Durability class: 1
- Properties: As reservoir timber: low swelling and shrinkage, good dimensional stability, high strength and hardness, very decorative.

APPLICATION

Deck construction, water engineering, fencing, piles, masts, structural timber.

INSTALLATION INSTRUCTIONS

- · Centre distance in substructure: max. 60 cm
- · Joint width between the boards: 6 to 8 mm
- · Spacing between the butt joints: 3 to 4 mm



OUR RECOMMENDED FASTENING ELEMENTS CAN BE FOUND HERE



APPLICATION

Deck construction, solid wood floorboards, heavy-duty flooring, furniture, structural timber.

INSTALLATION INSTRUCTIONS

- · Centre distance in substructure: max. 60 cm
- · Joint width between boards: 6 bis 8 mm
- · Spacing between butt joints: 3 bis 4 mm



OUR RECOMMENDED FASTENING ELEMENTS CAN BE FOUND HERE

WPC (WOOD-PLASTIC-COMPOSITE)

DISADVANTAGES

Often originates from

overexploitation (use only certified timber

wherever possible)

Only moderate dimensional stability

DURABILITY

DIMENSIONAL STABILITY

ADVANTAGES

+ High durability

+ No washing out + Extremely high strength

+ Extremely high hardness



+ Largely sourced from sustainable forestry

GENERAL DETAILS

Depending on the product in question, wood-plastic composite materials consist of different proportions of wood, plastics and additives. The wood content varies from 50% to 70%. The natural fibres incorporated into the material originate predominantly from sustainable forestry. The properties of these polymer-bound products are equivalent to those of high-quality timber-based materials.

APPLICATION

Deck construction, fencing, garden furniture, façades, edge profiles, privacy screen elements, sometimes used as a substitute for tropical timber.

INSTALLATION INSTRUCTIONS

Substructure spacing and joint width according to manufacturer's information.

OUR RECOMMENDED FASTENING ELEMENTS CAN BE FOUND HERE

*Solid wood decking is not part of our product range. This short overview represents a planning aid.

DECK SUBSTRUCTURE

Essential for a perfect deck

HIGH-GRADE SOLUTIONS FOR ALL TYPES OF SUBSTRUCTURE

Without a perfect substructure, your deck will soon become defective. We offer a number of aids that let your deck remain attractive for a long time.

WE WILL SHOW YOU WHAT'S IMPORTANT!

SIMPLY TAKE A LOOK AT OUR APPLICATION VIDEOS:

TIMBER DECK



STONE PATIO





CORK ACCESSORIES FOR DECKING SUBSTRUCTURES

CORK, WHAT IS IT?

Cork is a natural product obtained from the bark of the cork oak. The cork oak is a deciduous tree that is native primarily to the western Mediterranean, e.g. Spain and Portugal. To harvest the cork, the bark is peeled directly off the tree by hand. As cork is a renewable natural product, a tree can be reharvested approx. every 10 years without causing damage to the tree. A cork oak has a life expectancy of up to 300 years and delivers approx. 100 to 200 kilograms of cork over its lifespan.

PROPERTIES AND ADVANTAGES

- · Water-repellent (hydrophobic) and moisture-resistant
- · Chemically neutral free of PAHs (PAHs are toxic, carcinogenic plasticisers that are found primarily in rubber compounds)
- · Does not decompose and is resistant to most acids and lye
- · Dampens footfall sound, is non-slip and insulates against heat, noise and vibrations
- · Resistant to rot, bacteria and germs
- · Very pressure-stable and exhibits hardly any expansion
- Flame-resistant (fire class B2)

CORK IS A SUSTAINABLE, ENVIRONMENTALLY FRIENDLY NATURAL PRODUCT.





The cork pad spacers are laid between the deck substructure and the foundation / subsurface (self-adhesive on one side) and thus form a gap that aids constructive timber protection. The cork pad spacers are available in three sizes. These are 3 mm, 6 mm and 10 mm thickness/height (see Fig.). In addition to the advantages already mentioned, useful side effects of using the spacer include the option to adjust the height of the substructure and that the loads are distributed evenly.

0	FREE OF PAHS	
^	PAH = hazardous plasticisers in rubber	
6	V	

Cork pad spacer Self-adhesive



Art. no.	Dimensions [mm] ^{a)}	Material	PU
100348	3 x 60 x 60	Cork	25
100349	6 x 60 x 60	Cork	25
100350	10 x 60 x 60	Cork	25
º)Height x length x width			

Roof-protection cork

The natural underlay for adjustable pedestals



Art. no.	Dimensions [mm] ^{a)}	Material	PU
100355	3 x 200 x 200	Cork	10

^{o)}Height x length x width

Using adjustable deck pedestals on, for example, PVC sheet roofs can lead to problems because of the plasticisers contained in the roofing. The roof-protection cork provides natural protection against mechanical damage to the roof sheeting, at the same time as preventing contact between the two materials. Free of PAHs (hazardous plasticisers in rubber).

ACCESSORIES FOR DECKING SUBSTRUCTURES

Root control fleece underlay



Art. no.	Dimensions [m]		Material	PU
944799	1,6 x 10,0		Polypropylene 50g/m²	1
PROPERTIES/ADVANTA	AGES			
 Permeable polypropylen 	e underlay		Tum	
 Very limited permeability 	y to water	A STATE OF		1.1.1.1
 Inhibits plant growth und 	ler the fleece			- Marine Marine
		100		and the second
				And a state of the

Application example Root control underlay

Rolfi, spacers



Art. no.	Dimensions [mm] ^{a)}	Material	PU
945966	3 x 60 x 60	EPDM, black	25
945967	6 x 60 x 60	EPDM, black	25
945379	10 x 60 x 60	EPDM, black	25

^{a)}Height x length x width

These spacers form a gap between the substructure and the foundation / support and thus help to protect the wood of the boarding beams.

ADVANTAGES

- · Height adjustment of the substructure possible
- Even load distribution, minor irregularities are balanced out
- · Dampens footfall noise



Protectus, timber-protection tape



Art. no.	Dimensions [mm] ^{a)}	
946157	0,5 x 75 x 20.000	
º)Height x length x width		

The Protectus timber-protection tape provides lasting protection for your timber substructure from moisture, e. g. rain.

ADVANTAGES

- Constructive timber protection
- Easy fastening thanks to adhesive film
- · Optimum fit thanks to very thin material
- Tear-proof and durable
- Screws can be screwed through easily
- · Can be individually cut to length



PU

1

Application example Protectus, timber-protection tape

Rolfi roll



Art. no.	Dimensions [mm] ^{a)}	Material	PU
945561	8 x 2015 x 70	Granulated rubber	10
°)Heiaht x lenath x width			

The Rolfi roll forms a gap between the deck substructure and foundation / subsurface.

ADVANTAGES

- Constructive timber protection
- Substructure height can be adjusted
- Uniform load distribution
- Small irregularities can be evened out
- Dampens footfall noise
- $\cdot \,$ Can be individually cut to length



Application example Rolfi roll



ADJUSTABLE PEDESTALS





OVERVIEW OF EUROTEC ADJUSTABLE PEDESTALS



KEY



Assembly height



Load-bearing capacity

M

NHR

For timber decks/WPC



For stone patios



+

Self-levelling

Can be expanded with expansion ring

ADJUSTABLE PEDESTALS BASE-LINE

Building patios has never been so easy!



ADVANTAGES / PROPERTIES

- Suitable for substructures made of aluminium and timber
- Four different sizes available
- Assembly heights of 25 210 mm
- Load-bearing capacity of 2,2 kN / pedestal

THE ADJUSTABLE PEDESTALS SERIES IS COMPLETED BY FOUR DIFFERENT TYPES OF ADAPTER:

BASE L adapter

for classic timber substructures or modern aluminium substructures

BASE adapter 32/40/60

for clicking Eurotec aluminium profiles into place in a time-saving manner


Adjustable pedestals and accessories | Eurotec

Note

The BASE-Line is not compatible with the Nivello 2.0

Adjustable pedestal BASE

BASE



Art. no.	Name	Assembly height [mm]	Load-bearing capacity [kN]*	PU**
100000	BASE 1	25 – 40	2,2	50
100001	BASE 2	35 - 60	2,2	50
100002	BASE 3	60 - 110	2,2	30
100003	BASE 4	110 210	2,2	20

*The quoted load-bearing capacities represent recommended values. With these loads, the adjustable pedestals only deform by approx. 2 mm. The load-bearing capacity before actual fracture is multiple times higher.

**The BASE adjustable pedestal is supplied with the BASE L adapter and one screw each per adjustable pedestal as standard. If the BASE adjustable pedestals are used for aluminium, suitable adapters must be purchased too.

L adapter
1.00



BASE adapter 40



Art. no.	Name	PU*
	BASE adapter L	
*The BASE L adapter is included in the scope of delivery as st		

For aluminium or timber profiles. Suitable for BASE 1, 2, 3 and 4.

Art. no.	Name	PU
100004	BASE adapter 32	10
For aluminium profiles with Click system. Sui	table for EVO Light aluminium system profile.	

Art. no.	Name	PU
100005	BASE adapter 40	10
المالية		

For aluminium profiles with Click system. Suitable for Eveco aluminium system profile.

Art. no.	Name	PU
100006	BASE adapter 60	10
For aluminium profiles with Click system. Suitable for EVO/EVO Slim aluminium system profile and		
HKP deck-support profile.		



BASE with BASE adapter 32 and aluminium system profile EVO Light



BASE with aluminium system profile EVO Light

ADJUSTABLE PEDESTALS SL BASE

For straightforward terrace construction on slopes



The Eurotec adjustable pedestal SL BASE is ideal for the laying of decking substructures for outdoor use. The head of the adjustable pedestal SL BASE is self-adjusting and compensates for slopes on surfaces and terrain unevenness of up to 7 %.

The adjustable pedestal SL BASE also allows the simple creation of slopes of 1 - 2 % of the terrace surface for draining purposes.

ADVANTAGES / PROPERTIES

- Continuous self-adjusting of up to 7 %
- Suitable for substructures of aluminium and wood
- Available in four different sizes
- Assembly height of 32 217 mm
- Load-bearing capacity of up to 2,2 kN/pedestal

THE ADJUSTABLE PEDESTALS SL BASE IS COMPLETED BY THREE DIFFERENT TYPES OF ADAPTER:

SL BASE-L-adapter

for classic timber substructures or modern aluminium substructures

SL BASE-adapter 40 and 60

for clicking Eurotec aluminium profiles into place in a time-saving manner



Adjustable pedestal SL BASE



SL BASE-L-adapter



SL BASE adapter 40



SL BASE adapter 60



Art. no.	Name	Assembly height [mm]	Load-bearing capacity [kN]*	PU **
100000-SL	SL BASE S	32 - 47	2,2	40
100001-SL	SL BASE M	42 - 67	2,2	30
100002-SL	SL BASE L	67 – 117	2,2	30
100003-SL	SL BASE XL	117 – 217	2,2	20

The height-adjustable support pedestals are suitable for predominantly static, centric compressive stress in multiple-supported systems.

* The quoted load-bearing capacities represent recommended values. With these loads, the adjustable pedestals only deform by approx. 2 mm. The load-bearing capacity before actual fracture is multiple times higher.

**The SL BASE-L-adapter is included in the scope of delivery as standard.

Art. no.	Name	PU*
	SL BASE-L-adapter	

*The SL BASE-L-adapter is included in the scope of delivery as standard. For aluminium or timber profiles.

Art. no.	Name	PU
100005-SL	SL BASE adapter 40	10

For aluminium profiles with Click system. Suitable for Eveco aluminium system profile.

Art. no.	Name	PU
100006-SL	SL BASE adapter 60	10
Suitable for EVO/EVO Slim aluminium system	n profile and HKP deck-support profile.	





Example of application timber substructures

Example of application aluminium substructures

ADJUSTABLE PEDESTALS PROFI-LINE

Whether it's a wood or a stone terrace - with our modular system, it's easy!



Innovative, universal, versatile and user-friendly!

The PRO adjustable pedestals are suitable for timber decks and stone patios with various assembly heights. The series comprises six adjustable pedestals of different heights. Their assembly heights can be altered with extension rings or extension plates.

ADVANTAGES/ PROPERTIES

- High load-bearing capacity of up to 8,0 kN/pedestal
- Basic assembly heights of 10 168 mm
- Additional heights possible with the extension rings and extension plate
- Quick and easy assembly
- Stepless height adjustment
- Resistant to weather, UV

THE ADJUSTABLE PEDESTALS SERIES IS COMPLETED BY THREE DIFFERENT TYPES OF ADAPTER:

L adapter

for classic timber substructures or modern aluminium substructures

Click adapter

for clicking Eurotec aluminium profiles into place in a time-saving manner

Stone adapter

for laying stone slabs



Adjustable pedestal PRO

Fixing by means of Thern screw 4,2 x 22 mm (item no. 945969) is possible on all PRO ped

mofix
destals.
E AND

Art. no.	Name	Assembly height [mm]	Load-bearing capacity [kN]*	PU
954020	PRO XXS	10 – 15	4,0	50
954021	XXS extension plate	5	4,0	50
954061	PRO XS	22 - 30	8,0	20
946070	PRO S	30 – 53	8,0	10
946071	PRO M	53 - 82	8,0	10
946072	PRO L	70 – 117	8,0	10
946079	PRO XL	74 – 168	8,0	10

The PRO XXS comes with both an L-adapter and stone adapter. The adjustable foot XXS can be combined with up to two extension plates XXS

for height expansion. **Note:** The adapters for the XXS adjustable pedestal are only suitable for the XXS and cannot be combined with the rest of the PRO family. Not compatible with the Nivello 2.0.



If necessary, the base plate of the adjustable feet PRO and SL PRO can be easily cut with a cutting knife along the cutting marks.



Substructure with PRO adjustable fpedestals, click adapter 60, EVO aluminium system profile and Twin system holder

ACCESSORIES PROFI-LINE

Extension rings







*The quoted load-bearing capacities represent recommended values. With these loads, the adjustable pedestals only deform by approx. 2 mm. The load-bearing capacity before actual fracture is multiple times higher.

For increasing the height of the adjustable pedestals PRO and SL PRO. Suitable for the PRO S, M, L and XL as well as SL PRO M and L adjustable pedestals.

Art. no.	Name	PU**
946075	L adapter	10

 $\ensuremath{^{**}\text{The}}$ product comes supplied with one screw per adapter.

For aluminium or timber profiles. Suitable for the PRO S, M, L and XL as well as SL PRO M and L adjustable pedestals.

Click adapter

L adapter



 Art. no.
 Name

 946076
 Click adapter 40

 946077
 Click adapter 60

PU

10

10

For aluminium profiles with Click system.

Click adapter 40 for Eveco aluminium system profile. Suitable for PRO S - PRO XL.

Click adapter 60 for EVO/EVO Slim aluminium system profile and HKP deck-support profile.

Suitable for PRO S – PRO XL.

Stone adapter



Art. no.	Name	Dimensions joint spacer [mm] ^{a)}	PU
946078	Stone adapter	8 x 14 x 4	10
°)Height x length x width			

For stone slabs. Suitable for the PRO S, M, L and XL adjustable pedestals.



Standalone support is made possible by using the stone adapter.



Standalone support is made possible by using the stone adapter.

Possible combinations						
Adjustable pedestals	L adapter	Click adapter 40	Click adapter 60	Stone adapter	L/stone adapter XXS	L/stone adapter XS
PRO XXS					X	
PRO XS						X
PRO S	X	X	X	X		
PRO M	X	X	X	X		
PRO L	X	X	X	X		
PRO XL	X	X	X	X		
SL PRO M	X					
SI PRO I	X					

Nivello 2.0 For PRO-Line adjustable pedestals



Art. no.	Slope (%)	PU
946035	0,5 – 10	10

The Nivello 2.0 is a washer that can be mounted beneath the Eurotec Profi-Line series S - XL of adjustable pedestals in order to level out slight slopes or inclines in an installation surface.

ADVANTAGES

- User-friendly operation
- Versatile slope adjustment
- \rightarrow Minimum slope 0,5 %
- \rightarrow Maximum slope: 10 %
- \rightarrow Slope can be adjusted in steps of 0,5%
- Click-locking of adjustable pedestals
- Bearing surface composition protects subsurface (e. g. roofing)
- Large bearing surface

Not compatible with adjustable pedestals PRO XS, PRO XXS and BASE-Line.



Levelling out slopes with Nivello 2.0

ADJUSTABLE PEDESTALS SL PRO

With continuously adjustable self-levelling head



The Eurotec SL PRO adjustable pedestal is suitable for installing deck substructures in outdoor applications. The head of the SL PRO adjustable pedestal features stepless self-levelling and ensures that slopes of up to 8 % on surfaces and uneven ground can be evened out.

The most important advantage is, that no additional slope compensation is required to establish the correct alignment of the covering surface. The SL PRO adjustable pedestal therefore allows the easy creation of an inclination of 1 - 2% on deck surfaces for drainage purposes.

ADVANTAGES / PROPERTIES

- Self-levelling for slopes of up to 8 %
- UV stability
- High fatigue strength
- Stepless height adjustment from 55 to 102 mm
- Excellent chemical resistance
- Acoustic damping properties





Adjustable pedestal SL PRO



Art. no.	Name	Assembly height [mm]	Load-bearing capacity [kN]*	PU
946071-SL	SL PRO M	55 - 84	8,0	10
946072-SL	SL PRO L	73 – 102	8,0	10

The adapter must be attached to produce an assembly height in the adjustment range!

* The quoted load-bearing capacities represent recommended values. With these loads, the adjustable pedestals only deform by approx. 2 mm. The load-bearing capacity before actual fracture is multiple times higher.



If necessary, the base plate of the adjustable feet PRO and SL PRO can be easily cut with a cutting knife along the cutting marks.





SL PRO adjustable foot in combination with aluminium system profile

ACCESSORIES

L adapter



Extension rings





Art. no.	Name	PU**
946075	L adapter	10

**The product comes supplied with one screw per adapter.

For aluminium or timber profiles. Suitable for the PRO S, M, L and XL as well as SL PRO M and L adjustable pedestals.

Art. no.	Name	Assembly height [mm]	Load-bearing capacity [kN]*	PU
946069	Extension ring + 2	20	8,0	10
946074	Extension ring + 4	40	8,0	10
946073	Extension ring +10	100	8,0	10

*The quoted load-bearing capacities represent recommended values. With these loads, the adjustable pedestals only deform by approx. 2 mm. The load-bearing capacity before actual fracture is multiple times higher.

For increasing the height of the adjustable pedestals PRO and SL PRO. Suitable for the PRO S, M, L and XL as well as SL PRO M and L adjustable pedestals.

LOAD DISTRIBUTING PLATE

Accessories for the BASE and PRO adjustable pedestal

Installing a terrace on an **insulated flat roof** often gives rise to difficulties with regard to load and **load distribution**. Insulating materials can press through the terrace base at certain points, thereby damaging the insulation and the flat roof. With the **Eurotec load distributing plate**, by contrast, the load on the terrace base is spread over a greater surface and **distributed more evenly** across the terrace.

In contrast to **other load distribution options** (such as stone slabs and wooden panels), load distributing plates are much more durable and easier to transport; they also weigh far less.

Load distributing plates can be combined with our PRO, SL PRO, BASE and SL BASE adjustable pedestals, our EVO and EVO Slim aluminium system profiles and the HKP aluminium support profile.

Load distribution plate



Art. no.	Dimensions [mm] ^{a)}	Material	PU
100016	25 x 210 x 210	PP-C (polypropylene-copolymer)	10
°'Height x length x wid	th		
ADVANTAGES			
• Fast and easy	assembly thanks to the click system		
Controlled load	d distribution		
• Low weight he	ps to protect the subsurface		
• Ease of transpo	ort, in contrast to alternative designs		

- Durable and resistant to UV radiation and rot
- Low installation height compared to conventional load distribution solutions



Load distribution plate + PRO M



Load distribution plate + BASE

USING THE LOAD DISTRIBUTION PLATE



In the first step, the load distributing plate is placed on the flat roof.



Place an adjustable pedestal on the load distributing plate and click to lock.



A click adapter is then attached to the adjustable pedestal.



Finally, the aluminium profile is connected to the construction.

Note

Observe permitted compressive stress of the present insulation at 2% compression! For point loads such as heavy plant containers or pool constructions, appropriate measures need to be taken to strengthen the structure (e.g. placing the adjustable feet closer together and/or reducing spacing in the substructure and/or using appropriate load distribution plates).

If you are planning a terrace on an insulated base surface, you should observe the permitted **continuous compressive stress**. As the adjustable pedestal have small contact surfaces, which causes **compressive stress** on the insulation, the continuous compressive stress can be exceeded even under normal loads and spacing dimensions.

Using the load distribution plate **increases the contact surface**, which **reduces the compressive stress of the adjustable pedestal**. The example in the table shows that the load distribution plate reduces the support stress below the example insulation's maximum permitted value for continuous compressive stress in combination with the PRO adjustable foot.

	Compressive stress of insulation ^{a)}		
Product	Continuous compressive stress ^{b)}	Compressive stress under full load ^{c)}	
	for $\sigma_{0,2\%}$ [kPa]	for $\sigma_{D,10\%}$ [kPa]	
Adjustable pedestal PRO	39	138	
PRO + Load distribution plate	21	75	
Reducing the compressive stress with the load distribution plate		-46 %	
Compressive stress of insulation ^{d)}	30	120	

^a(Compressive stress arising from the load between support (adjustable foot) and, for example, slope insulation. Values for: Adjustable foot spacing 0.50 m x 0.50 m; dead load of terrace g = 0.8 kIV/m²; load capacity p = 4.0 kIV/m² ^bLoad assumption: 1.0 g + 0.5 p; continuous compressive stress of insulation at 2% compression as decisive factor ^aLoad assumption: 1.35 g + 1.5 p; compressive stress of insulation at 10% compression as decisive factor ^dExample insulation: products with lower or higher values on the market.

Attention

Check the assumptions made. The specified values, type and number of fasteners are planning aids. Projects must only be calculated by authorised persons. Please contact an approved structural engineer for free verification of stability. We will be happy to refer you to someone.

FLEXI GROUND ANCHOR

Acts as a foundation

The Flexi ground anchor by Eurotec acts as a foundation for low terraces. It allows a terrace to be extended even without a stable foundation (depending on soil composition) and can be used without time-consuming excavation and setting in concrete.

The shape allows the centre of the ground anchor to be driven into the loose soil (e.g. a lawn) using a hammer. It should be noted that the ground anchor does not have an impact surface and it could deform if driven into firm ground!

Finally, an adjustable foot is affixed to the FLEXI ground anchor and the substructure and deck structure are applied. In this way, the danger of the adjustable feet sinking into the ground is reduced. To be used with eurotec pedestal except GIANT.

FLEXI ground anchor



Art. no.	Dimensions [mm] ^{a)}	Ø Baseplate [mm]	Material	PU
975680	300 x 140	200	PP (Polypropylen)	1
°'Height x width				

ADVANTAGES

- · No excavation or setting in concrete necessary
- · Can be driven into the ground quickly and easily
- · Reduces sinking of the adjustable feet



Expand the terrace foundation with the FLEXI ground anchor.



FLEXI ground anchor as a stable foundation for the terrace substructure.



USING THE FLEXI GROUND ANCHOR



Drive the ground anchor into the ground using a hammer.



Once the ground anchor has been fully driven into the ground, position the adjustable foot onto the head plate.



The adjustable foot can be attached to the head plate by using Thermofix or BiGHTY drilling screws.



Finally, continue with the standard assembly of the terrace substructure – done!



*Maximum load capacity when retracted. Load capacity of 19 kN / pedestal when combined with the GIANT extension ring.

Adjustable pedestals and accessories | Eurotec





Adjustable pedestal GIANT



Art. no.	Name	Assembly height [mm]	Load-bearing capacity [kN]*	Joint spacer [mm]	PU
100010	GIANT S	40 – 55	22	4	10
100011	GIANT M	55 - 85	22	4	10
100012	GIANT L	80 - 130	22	4	10
100013	GIANT XL	130 - 220	22	4	4

Extension ring GIANT



Art. no.	Assembly height [mm]	Load-bearing capacity [kN]*	PU
100015	170	19	10

Adjustment key GIANT



SUBSTRUCTURE FOR LARGE-SIZE STONE SLABS

Terraces with large stone slabs require additional support. This is provided by additional cross bracing or longitudinal bracing for the substructure and Flex Stone Clips, to stop the slab from breaking under load.

VARIANT 1: CROSS BRACING

Cross struts every 30 cm with one to two Flex Stone Clips (depending on slab width) serving as support points.



Important

Observe the manufacturer's instructions for supporting the stone slabs! Using our system does not release planners / processors from their duty to find out about the manufacturer's specifications for other products (installed together with our system).

VARIANT 2: LONGITUDINAL BRACING

Place additional longitudinal struts under the centre of the stone slabs. Support points provided by Flex Stone Clips every 60 cm. The cross bracing is applied **every 75 cm** alternately.



VARIANT 3: CROSS BRACING WITH SUPPORT CLIP AND EVO LIGHT

Cross struts every 60 cm with EVO Light and the Support Clip set as well as one to two Flex Stone Clips (depending on slab width) serving as support points.



RECOMMENDED SUPPORT FOR STONE COVERINGS

Standalone support with adjustable feet

When you are building a stone terrace with no substructure, it is especially important to use appropriate adjustable feet. They support the stone slabs and stop them from breaking, resulting in a stable and sturdy terrace. The number of adjustable feet required and the best way to position them is determined by the size of slabs used. The following example serves as a guide. It can be used to identify the required support of the terrace slabs in connection with a standalone support.





AIDS FOR INSTALLING STONE SLABS

Level surface with little effort

Also ideal for your roof terrace

Thanks to modern slab support and special adjustable pedestals for slabs, it is now possible to lay floor slabs easily and without mortar. The different support heights of the slab supports and adjustable pedestals allow you to easily correct height differences in the subfloor and to cover up unsightly outflows and drains. You can therefore achieve an even surface with little effort. Any surface water that arises can run off quickly and easily through the seams.

In order to achieve an even surface with the stone slabs, the height can be adjusted down to the last millimetre using gearwheels in the Quattro Lager.

Slab support EPDM



rt. no.	Dimensions [mm] ^{a)}	Material	PU
45432	Ø 120 x 18/10	EPDM, black	45

 ${}^{\scriptscriptstyle 0}\textsc{Outside}$ diameter x total height/Support height of a plate bearing

ADVANTAGES / PROPERTIES

· Secure, non-slip storage

Ar 94

- Up to three units can be stacked on top of one another
- Dampens footfall noise
- · Suitable for low installation heights
- Surface water can quickly and easily run off through the grooves



Slab support PP



Art. no.	Dimensions [mm] ^{a)}	Joint spacer [mm]	Load-bearing capacity [kN]	Material	PU
945431	Ø 120 x 18/10	4	2	PP (Polypropylen)	45
		e 1. 1. 1			

a)Outside diameter x total height/Support height of a plate bearing

ADVANTAGES / PROPERTIES

Good UV stability

- Very good chemical resistance
- · Surface water can quickly and easily run off through the grooves
- Up to three units can be stacked on top of one another



Shim

Suitable	Art. no.	Dimensions [mm] ^{a)}	Joint spacer [mm]	Material	PU
for this	954086	Ø 120 x 18/10	4	EPDM	50
	0 Outcide diameter v total bei	aht/Cunnart haight of a plate hour	ing		



Quantity calculation for slab support EPDM/PP		
Baseplate	Piece/m ²	
40 x 40 cm	ca. 7,8	
50 x 50 cm	ca. 4,8	
40 x 60 cm	ca. 5,6	
60 x 60 cm	ca. 4,0	

There are approximate figures based on an area of 25 m^2 (5 x 5 m).



Reduces negative pressure formation, no water accumulation



Max. three pieces can be stacked on top of each other



To halve or quarter, break away at the respective points. Can also be cut through.

SLAB BEARING PP LAID AT 2 % SLOPE

Depending on the condition of the substructure, a combination with the slab bearing made of EPDM from Eurotec would be recommended. Because the bearing's plastic does not harmonise with all underlays, we recommend the additional 1 mm compensating pads to ensure slip resistance at the same time.

In addition to levelling the slope, this makes it easy to compensate for unevenness in the stone surface.

NOTE When laying on a slope, start laying at the highest point!



ASSEMBLY INSTRUCTION

When using slab supports, the terrace must be enclosed. This prevents the slab supports / terrace from moving. If the terrace is not enclosed, structural provision must be made for this. Edging = green marking. Levelling pads compensate for any slope or unevenness in the stone slabs. A subsequent check can be made with a spirit level.



IMPACT PLATE Ø 90 MM

The Eurotec impact plate \emptyset 90 mm is used to **compensate for differences in the slabs** and to **dampen impact** sound when stone or ceramic slabs are laid on top. The impact plate \emptyset 90 mm **can be split up into four parts.**



CAN BE COMBINED WITH:



PRO with impact plate



Flex-Stone-Clip with impact plate



Stone-Edge-Clip with impact plate

Quattro Lager With slab spacer



Load-bearing capacity per corner [kN]* PU Art. no. Dimensions [mm] Total load capacity [kN]* 945340 8,0 15 Ø 150 x 35 - 55 2,0 *The quoted load-bearing capacities represent recommended values. ADVANTAGES / PROPERTIES • Four different support heights are possible thanks to individually adjustable gearwheels. • Support height: 35 – 55 mm

- Joint spacer: 6 mm
- The height can be extended by placing the Quattro Lager adapter underneath
- Can be split



Example of application Quattro Lager

Adapter For Quattro Lager



Art. no. Dimensions [mm] Total load capacity [kN]* PU 945342 Ø 150 x 20 8,0 20 * The quoted load-bearing capacities represent recommended values.

ADVANTAGES / PROPERTIES

- Support height: 20 mm
- Can be split
- Stackable



Quattro Lager with adapter

AIDS FOR INSTALLING STONE SLABS

Stone slab spacer





Art. no.	Dimensions [mm] ^{o)}	Material	PU
945336	15 x 53 x 3	PP	100
945338	30 x 53 x 3	PP	100
945335	15 x 53 x 5	PP	100
945337	30 x 53 x 5	PP	100

^{a)}Bridge height x length x joint dimension

15 x 53 x 3 mm

30 x 53 x 5 mm

Stone slab spacer

With baseplate



Art. no.	Dimensions [mm] ^a)	Material	PU
945339	15 x 53 x 3	PP	100
®Rridge height v length v joint dimensi	on		

Large baseplate prevents slab spacers from being pressed into gravel bed.

ADVANTAGES OF STONE SLAB SPACERS

- Uniform joint pattern
- Optimum drainage
- They prevent the floor slabs from rubbing against one another and therefore prevent damage to the slab edges.
- They have predetermined breaking points and are therefore suitable for T-joints and cross joints.
- Durable
- Resistant to temperature and weathering
- Resistant to acids, alkalis and other chemicals



Quantity calculation for laying floor slabs		
Floor slab	Pieces/m ²	
40 x 40 cm	ca. 7,8	
50 x 50 cm	ca. 4,8	
40 x 60 cm	ca. 5,6	
60 x 60 cm	ca. 4,0	
There are approximate figures based on an area of 25 m2 (5 x 5 m)		

ea of 25 m2 (5 x 5 m).

Stone slab lifter



Art. no.	Span [cm]	Nominal Load [kg]	PU
954045	30,0 - 50,0	25	1

ADVANTAGES / PROPERTIES

- · Simplifies and speeds up the lifting and laying of floor slabs.
- · Also suitable for subsequent lifting of already laid slabs.

AIDS FOR LAYING SLABS AND TILES

The Eurotec Level Mate is a **reusable levelling system** for tiles. The system is also suitable for use by both experienced tradespeople and DIY enthusiasts. The Level Mate is particularly suitable when **using slabs and tiles**.

Level Mate Spin



Art. no.	Name	For joint widths of	Slab thicknesses of	PU
945346	Level Mate Spin	1,5 — 5 mm	3 – 15 mm	20
ADVANTAGI	ES			
• Easy to asse	mble	-		-
• No embedde	ed base	4	,	
 No consume 	ables			a
• Reusable				
 No addition 	al components needed	25		*
		T		

Instructions for use Level Mate Spin

After inserting the Level Mate Spin into the joint, turn it by 90° and thus hook it on the underside of the tile. Hold the red handle first of all and turn the black nut tightly around the slabs to level them. To remove the Level Mate, loosen the black nut and turn the red handle by 90° again.

Level Mate Flip



Art. no.	Name	For joint widths of	Slab thicknesses of	PU
945347	Level Mate Flip	2 – 5 mm	8 – 11 mm	20
ADVANTAGES				
• Easy to assemb	le		-	
• No embedded	base		100	
• No consumable	25			
• Reusable		(A.C. 197		
\cdot No additional of	components needed			-
			1000	

Instructions for use Level Mate Flip

After inserting the Level Mate Flip, turn it by 90° and thus hook it on the underside of the tile. You can level your slabs by folding down the red lever. Thanks to the snap-in function, it can be used for all standard slab thicknesses. To remove the Level Mate Flip, loosen the lever and turn it by 90° again.

3 mm spacer



Art. no.	Name	PU
945348	3 mm spacer	200

ROBUSTO DECK PEDESTAL

Robusto deck pedestal HV 500+350



WHAT CAN IT BE USED FOR?

- Deck construction
- For example, for the construction of barrier-free ramps and transitions
- Thanks to its U-shaped head plate, the Robusto HV 500+350 can support not only the Eurotec HKP deck-support profile but also the EVO aluminium system profile and timber substructure profiles.

PROPERTIES

• Meets the requirements for structural wood protection

ADVANTAGES

- An EPDM gasket between the head plate and substructure provides additional protection against footfall sound and penetrating moisture.
- The height of the post foot can be adjusted to up to 850 mm after assembly.
- Thanks to the height adjustment, manufacturing tolerances relating to the structure and subsequent settlement in the individual foundations can be balanced out.
- High tensile and compressive load capacities

NOTES

• The durability of the pedestals is ensured thanks to hot-dip galvanisation in accordance with DIN EN ISO 12944-2 (C3).



Suitable for this: Rock concrete screw hexagonal BIM A2 10,5 x 95 mm, Art. no.: 110355



The deck pedestal in combination with the HKP deck-support profile.



With the deck pedestal, it is possible to build accessible ramps and transitions.



 In addition to the vertical loads, the Robusto HV 500+350 can also
transfer horizontal forces into the subsurface

Name	Art. no.	Height adjustment in assembled state	Min. post cross section	Dimensions of baseplate	Compressive loadbearing capacity	Tensile load- bearing capacity	Lateral force resistance ¹⁾	PU
Post feet on concrete		[mm]	[mm]	L x B x H [mm]	Nc,d [kN]	Nt,d [kN]	VR,d [kN]	Pcs.
Robusto HV 500+350	904661	500 - 850	60 x 100	160 x 100 x 8	21,2	9,2	-	2

PLEASE NOTE

The stated values are intended as planning aids. They are subject to typographical and printing errors. Projects must only be calculated by authorised persons.

1) The lateral force resistance must be overlaid with the compressive and tensile load in accordance with ETA 13-/0550 and can therefore lead to lower load-bearing capacities.

ALUMINIUM SYSTEM PROFILES



OVERVIEW OF EUROTEC ALUMINIUM SYSTEM PROFILES

74			
Application area	EVO - All-rounder, highly flexible, for any covering	EVO SLIM Particularly suitable for low structural heights 	HKP • To bridge high span widths
Dimensions	40 x 60 x 2400 mm 40 x 60 x 4000 mm	20 x 60 x 2400 mm 20 x 60 x 4000 mm	100 x 60 x 4000 mm
Material	Aluminium	Aluminium	Aluminium
Hidden fastening	\checkmark	\checkmark	\checkmark
Visible Fastening	\checkmark	\checkmark	\checkmark
and the second sec		-	
Combination options			
Deck gliders	\checkmark	\checkmark	\checkmark
Twin system clip	\checkmark	\checkmark	\checkmark
EVO Light system clip straight/bent	_	_	_
M-Clip	-	-	-
Profile drilling screw	\checkmark	\checkmark	~

	A DESCRIPTION OF THE OWNER OF THE		¥	
	h		H	H
	EVECO	EVO LIGHT	Aluminium function strip	DiLo aluminium function strip
	 For grooved decking boards 	 Inexpensive alternative 	 Used without adjustable pedestals For grooved decking boards With footfall sound insulation thanks to glued-in cork insert 	 Used without adjustable feet For low assembly heights
	24 x 39 x 2400 mm 24 x 39 x 4000 mm	32 x 34 x 4000 mm	29 x 34 x 1750 mm	29 x 34 x 2240 mm
	Aluminium	Aluminium	Aluminium	Aluminium
	\checkmark	-	-	\checkmark
	-	-	\checkmark	-
ANN.	-	-	-	-
- Cont	-	-	-	-
	-	\checkmark	-	-
	\checkmark	-	-	-
State Bar	-	~	~	-
		-		

EVO ALUMINIUM SYSTEM PROFILE

The all-rounder in our profile range – suitable for timber and stone terraces

The EVO aluminium system profile is the **all-rounder** in our aluminium profile range. With this profile, using a **variety of wood types and stone coverings** is easy.

The ideal cross section of the aluminium profile enables a variety of fastening options and allows **high span widths** to be achieved.

ADVANTAGES / PROPERTIES

- · With drainaige hole to avoid odours and moss growth
- In contrast to timber substructures, the profile is dimensionally stable and straight.
- It doesn't suffer from climate-related effects such as warping, cracks, etc. that naturally occur with timber.
- The special shape prevents the screws from shearing off.
- · Allows both hidden and visible fastening.
- Compatible with the Eurotec Stone System







Use the aluminium concrete bracket (Art.-no.: 975661) for fixing to concrete. Find more information on page 123.

Art. no.	Dimensions [mm] ^{a)}	Material	PU
975621	40 x 60 x 2400	Aluminium	1
975610	40 x 60 x 4000	Aluminium	1
\$975621	40 x 60 x 2400	Aluminium, black	1
\$975610	40 x 60 x 4000	Aluminium, black	1
°)Height x Width x Prof	file length		

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n I	1			Un		z_{j}	NH .					
Paylo [kN/					Centre distance e [mm] between the profiles	b)					
Luni]	300	350	400	450	500	550	600	800			
2,0		1000	1000	900	800	750	600	600	450			
4,0 ^{c)}		750	650	550	500	450	400	350	250			
5,0 ^{c)}		650	550	450	400	350	350	300	-			

Dendend			Pr	ofi-Line adjustable pe	lestals, perm. F = 8,0	kN			
Payload [kN/m²]	Centre distance e [mm] between the profiles								
[((), (), (), (), (), (), (), (), (), (),	300	350	400	450	500	550	600	800	
2,0	1000	1000	1000	950	900	850	850	750	
3,0 ^{d)}	1000	950	900	850	850	800	800	700	
4,0 ^{c)}	900	850	850	800	750	750	700	650	
5,0 ^{c)}	850	800	800	750	700	700	650	600	

alladication of max. span at which the profile's deflection does not exceed L/300. Average board thickness of 25 mm with a specific weight of 7 kN/m³ (larch, pine, Douglas fir). ¹⁰E.g.: spacing between profiles = 550 mm; payload = 2,0 kN/m² → max. span of the profile = 600 mm.

^dPayloads according to DIN EN 1991-1; roof terraces = 4 kN/m², patios for public use = 5 kN/m².

^{d)}Load capacity according to SIA 261 for balconies and roof terraces private use = 3 kN/m²



ACCESSORIES EVO ALUMINIUM SYSTEM PROFILE

EVO aluminium system profile connector



Art. no.	Dimensions [mm] ^{a)}	Material	PU*
975611	24 x 200 x 50	Aluminium	10
°)Height x length x width			
*Incl. 4 drilling screws per connector			

NOTE

The profile butt joint is only to be positioned directly above a post or support.



Example of fixing an EVO aluminium profile connector

EVO corner connector



Dimensions [mm] ^{a)}	Material	PU
40 x 40 x 25	Aluminium	10*
40 x 40 x 25	Aluminium	200**
l	10 x 40 x 25	10 x 40 x 25 Aluminium

º)Height x length x width

*Incl. 40 screws, **Incl. 800 screws



Example of application EVO corner connector

EVO wall-connection bracket



Art. no.	Dimensions [mm]	Material	PU*
975627	100 x 30	Aluminium	10

*Supplied with 1 drilling screw per wall-connection bracket for attachment to the EVO aluminium system profile.

The EVO wall-connection bracket is ideal for use as a position anchor for deck substructures made of aluminium. The bracket is used to fasten the EVO aluminium system profile directly to the wall. Two EVO wall-connection brackets are needed per aluminium profile. The slots in the wall-connection bracket allow the substructure to expand without problems and therefore prevent it from shifting out of position.

PROPERTIES

- Slot diameter: 6 mm or 7 mm
- Slot length: 15 mm
- Material thickness: 3 mm





LOAD BRACKET

For securing terraces

Especially when **using lightweight terrace decking** like WPC boards, **bending and warping** can occur due to waterlogging or heat buildup. With the help of our load bracket, additional loads in the form of e.g. heavy stone slabs can be added within the substructure to counteract potential warping.

Load bracket



Art. no.	Dimensions [mm] ^{a)}	Material	PU*
945061	40 x 60 x 40	Aluminium	10
⁰Height x width x depth			

*For fastening, we recommend using Bighty PH drilling screws (954068). These are not included in the product.

ADVANTAGES / PROPERTIES

- Prevents potential deformation or warping of the terrace
- Helps to secure the terrace's position
- Compatible with our EVO system profile and our HKP support system




EVODRY WATER DRAINAGE SYSTEM

For creating a sealed surface without much effort

The **EVOdry water drainage system** by Eurotec is a water-draining laying system **for balconies and terraces.** For terraces in particular, moisture quickly gets to the unprotected substructure and usually destroys it more quickly than the decking. An unstoppable process of decay begins. The EVOdry water drainage system helps you prevent this from the start. The installation system **seals completely at the base**, which furthermore **protects the substructure from dirt and plant growth.** This **increases the lifespan** of the terrace many times over.

EVOdry rail



Aluminium, black	1
TPE-S, black	1

º)Height x width x profile lenght

*The EVOdry sealing tape (100547) is not included in the scope of delivery.

ADVANTAGES

- Targeted drainage of water
- Protection of the substructure against moisture, dirt and plant growth
- Extended substructure lifespan



EVOdry holder



Art. no.	Dimensions [mm] ^{a)}	Material	PU
975683	23 x 50 x 115	Plastic, black	10
º)Height x width x lenght			

The EVOdry clip affixes the EVOdry rail on the spot, so that it does not slip.

TECHNICAL DRAWING: CONSTRUCTION



EVOdry closure



Art. no.	Dimensions [mm] ^{a)}	Material	Material thickness [mm]	PU*
975682	12 x 35	Aluminium	1,5	10
º)Height x width				

*Screws are included.

The EVOdry closure can be fitted on one side and ensures that the water is directed into a gutter, for example.

EVOdry clip straight





Art. no.	Name	Dimensions [mm] ^{a)}	Material	PU
975693	EVOdry clip, straight	26,5 x 22 x 34	Plastic/A2, black	100
º)Height x width x length				

The EVOdry clips are suitable for hidden fasting.

EVOdry clip straight is suitable for boards with the following groove geometry			
Groove depth, D:	Groove width, W:	Groove wall thickness, T:	
≥ 7,5 mm	≥ 2,0 mm	≥ 7,0 — 10,0 mm	

Where applicable, the manufacturer / timber supplier must establish whether the timber type is suitable.

EVOdry clip bent





Art. no.	Name	Dimensions [mm] ^{a)}	Material	PU
975696	EVOdry clip, bent	26,5 x 21 x 34	Plastic/A2, black	100
^a Height x width x length				
The EVOdry clips a	The EVOdry clips are suitable for hidden fasting.			

EVOdry clip bent is suitable for boards with the following groove geometry			
Groove depth, D:	Groove width, W:	Groove wall thickness, T:	
≥7,5 mm	≥ 4,0 mm	≥ 7,0 — 10,0 mm	

Where applicable, the manufacturer / timber supplier must establish whether the timber type is suitable.



SECURING THE EVODRY WATER DRAINAGE SYSTEM - VISIBLE

Push the EVOdry holder (975683) into the rail until they click in.



2 Distribute EVOdry holder (975683) evenly.



3 Insert EVOdry rails into the EVOdry holder (975683).





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4



Lay the floorboards, move the **rails** centrally into the joint and screw the floorboards through the **EVOdry holder (975683)**. If you have a floorboard with a height of 25 mm, fasten it with a profile drilling screw (lenght 61 mm).







SECURING THE EVODRY WATER DRAINAGE SYSTEM - INVISIBLE





2 Distribute EVOdry holder (975683) evenly.



3 Insert EVOdry rails into the EVOdry holder (975683).





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Push the EVOdry clip into the EVOdry rail until it clicks in and use it only every 30 - 40 cm.





4

5 Insert the **EVOdry rail** with the **EVOdry clips** into the floorboard and affix it with a profile drilling screw (lenght 41 mm).



6

Insert the second floorboard into the retaining plate of the **EVOdry clip** and fasten it with the screw of the **EVOdry clip**.



EVO ALUMINIUM SYSTEM PROFILE MODULAR SYSTEM – TIMBER DECK



EVO ALUMINIUM SYSTEM PROFILE MODULAR SYSTEM – STONE PATIO



EUROTEC STONE SYSTEM

Building patios has never been so easy!

MULTIFUNCTIONAL INSTALLATION SYSTEM

Numerous possibilities! Suitable for all common deck coverings.

The **multifunctional installation system** Stone System from Eurotec minimises the effort involved in constructing a patio. One unique practical feature of this system is that it can be combined with **various deck coverings.** You simply need a load-bearing foundation, the **Stone System** from Eurotec, and the desired deck covering.

ADVANTAGES

- Exceptionally economical
- Time-saving and straightforward installation
- Stone slabs can be combined with timber or WPC boards, for example
- Precise joint pattern
- Long-lasting
- · Certified, high load-bearing capacity



For more information about the Stone system, please watch the application video on our YouTube channel

or download the Stone System brochure: www.eurotec.team/en/catalogues



A PERFECTLY CONSTRUCTED DREAM DECK IN JUST 8 STEPS



ACCESSORIES FOR THE MULTIFUNCTIONAL STONE SYSTEM



Flex-Stone-Clip



Art.	no.	Joint spacer dimensions [mm] ^{a)}	PU*
9756 •)Hei	02 yht x length x width	8 x 14 x 4	200
	istening, we recommend using Aluminium profile o licking onto the EVO aluminium syste	•	
	Note The flexibility of the Flex-Stone- Clip allows it to compensate for manufacturing tolorgages of up		ð

manutacturing tolerances of up to 2 mm in stone slabs.



Example of application Flex-Stone-Clip



Art. no.	Joint spacer dimensions [mm]®)	PU*
975603	8 x 14 x 4	50
°)Height x length x width		

*Comes supplied with one screw per clip.

For clicking onto the EVO aluminium system profile at the edges.

To prevent individual stone slabs from slipping, the stone edge clips are to be screwed to the aluminium substructure in the edge area. The clips have a screw channel in the middle for this purpose.



Example of application Stone-Edge-Clip

Aluminium profile drilling screw



Art. no.	Dimensions [mm]	Drive	PU
645026	4,2 x 35	TX15•	100

RECOMMENDED SUPPORT FOR STONE COVERINGS

Support on aluminium system profiles

If a stone terrace is set up with insufficient support points, the slabs may break when exposed to load. For this reason, the size of the stone slabs used determines the combination of longitudinal and cross bracing in the form of aluminium system profiles and the application of Flex Stone Clips and Stone Edge Clips. The following images depict various example sizes with the corresponding required support and can be used as a guide for designing the aluminium substructure correctly.



120 x 120 cm

ACCESSORIES FOR SUPPORTING THE TERRACE COVERING

Cross bracing EVO



Art. no.	Name	Material	Dimensions [mm] ^{a)}	PU
975666	Cross bracing EVO	Aluminium	60 x 40 x 340	1
⁰⁾ Height x width x profile length				

Our cross bracing is the perfect complement to our aluminium profiles. The pre-mounted brackets make installation even easier.

ADVANTAGES

- Simple, time-saving assembly
- Faster completion of the terraces
- The prefabricated cross bracing prevents the costly process of cutting the profiles on the construction site.
- Clean prefabrication ensures professional assembly.

INSTRUCTIONS FOR USE The cross bracings can only be used with a centre distance of 40 mm.



Example of application cross bracing EVO



Substructure with adjustable pedestals PRO, EVO aluminium system profile and cross bracings EVO

Support Clip Set

To support the terrace covering



• 2 x Aluminium profile drilling screw 4,2 x 35 mm

Art. no.	Dimensions [mm] ^{a)}	Material	PU
945970	40 x 93,7 x 50	Polypropylen-Copolymer (PP-C)	3
^{o)} Height x depth x width			

The set is used to support the terrace covering, is a flexible and high-quality alternative to conventional support measures, thereby preventing the stone slab from breaking. Can be combined with the EVO Light aluminium system profile as cross bracing.

ADVANTAGES / PROPERTIES

- Prevents stone slabs from breaking quickly
- Foot fall noise insulation by using cork pads
- Possible to adjust to the standard centre-to-centre spacing of the substructure
- Adjusting feet as well as EVO aluminium system profiles can both be done away with thanks to the support clip
- Possible to mount the clips using a click system or fastening screws



Increased risk of breaking individual slabs due to a lack of support profile.



Increased risk of breaking after mounting the support clip set.

USING THE SUPPORT CLIP SET



Cut EVO Light to the desired length. Insert the EVO Light rail into the plastic clips and screw from below with the enclosed Bighty screws.



Remove the protective film from the cork pad and adhere the pad in the rail.



Distribute the rails evenly to provide optimum support for the stone slabs. Fasten with the enclosed aluminium profile drilling screw Ø 4,2 x 35.



Apply slabs - done!

SUBSTRUCTURE FOR A TERRACE WITH HEAVY LOAD (PLANT CONTAINER)

To withstand additional load on the terrace, the substructure should be fitted with additional cross bracing! Adding an extra adjustable foot under the cross bracing increases the loadbearing capacity accordingly. Can withstand load at a particular point, for a plant pot, for example.







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Depending on the load, the substructure may need to be extended enormously, so that the weight on the terrace has adequate support.





SAMPLE APPLICATIONS

1



BUILDING STONE STEPS WITH EVO ALUMINIUM SYSTEM PROFILES

1

Complete substructure at both levels and join with our ${\bf BiGHTY}$ drilling screws.



2 Apply **bottom end profile aluminium substructure** (975640) with the desired length and screw to the substructure.





Apply **top end profile aluminium substructure** (975639) with the desired length and screw to the substructure.





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Distribute Flex Stone Clips (975602) as support and Stone Edge Clips (975603) as edging and screw with the aluminium profile drilling screw (645026). Recommendation: Also use our impact plate Ø 90 (954089).



5 Apply the side stone slabs.







BUILDING WOODEN STEPS WITH EVO ALUMINIUM SYSTEM PROFILES – VARIANT 1



Assemble two EVO system profiles together in an L shape and fasten with corner connector. Push 180° joint into the EVO profile from the front.



2 Cut two **EVO profiles** to a mitre angle. Then connect profiles and fasten with **corner connector.** Use hole and slot. \rightarrow expansion coefficient of aluminium



3 Fasten step to aluminium substructure with **90° joint.**







BUILDING WOODEN STEPS WITH EVO ALUMINIUM SYSTEM PROFILES – VARIANT 2



Join **EVO aluminium system profiles** with **180° joint.** Fasten with corner connector as shown (for step surface).





2 Place 90° joint in the EVO system profile and fasten to aluminium substructure.



3 Done!



BUILDING WOODEN STEPS WITH EVO ALUMINIUM SYSTEM PROFILES - VARIANT 3

1

Fix aluminium system profile on adjustable pedestals. Fasten trimmed profile frontally with 180° joint.





2 Fasten next profile for step height with EVO corner connector.



Repeat assembly procedure for additional steps. 3





BUILDING STEPS WITH ALUMINIUM SYSTEM PROFILES EVO – CORNER



Connect aluminium system profiles with 180° joint and EVO position anchor and fasten.





2 Assemble aluminium system profiles in a square shape.



3 Done!



BUILDING A RAMP

1

Insert **180° joints** into the **EVO aluminium system profile** and screw with a drilling screw. Position **adjustable feet** as close as possible to the ramp connection.



2 Join EVO aluminium system profile frontally with 180° joint and screw with a drilling screw.







3 For a clean edge, the **EVO aluminium system profiles** can be cut to a mitre angle.



4 Strengthen ramp structure with additional **cross bracing.** The bracing turns the ramp substructure into a closed system.



ACCESSORIES FOR BUILDING STEPS / RAMPS



90° EVO joint



Art. no.	Dimensions [mm] ^{a)}	Material	PU*
975623	23,5 x 84,0 x 100	Zinc die-cast	4
®)Height y length y width			

*For fastening, we recommend using Bighty PH drilling screws (954068). These are not included in the product.

ADVANTAGES / PROPERTIES

- For connecting the aluminium system profiles with each other
- · Freely rotating joint
- For angles of up to 90°
- Individual positioning in the EVO system profile
- Rivet is made of stainless steel A2 according to DIN6791



Example of application 90° EVO joint

180° EVO joint



Art. no.	Dimensions [mm] ^{a)}	Material	PU*
975624	23,5 x 131,5 x 49,25	Zinc die-cast	4

^{a)}Height x length x width

*For fastening, we recommend using Bighty PH drilling screws (954068). These are not included in the product.

ADVANTAGES / PROPERTIES

- For connecting the aluminium system profiles with each other
- Freely rotating joint
- + For angles of up to 180°
- Individual positioning in the EVO system profile
- Rivet is made of stainless steel A2 according to DIN6791



EVO position anchor



Art. no.	Dimensions [mm] ^{a)}	Thickness [mm]	Material	PU*
975622	27,5 x 49 x 23,5	2,5	Zinc die-cast	10
º)Height x length x width				

*Comes supplied with screws.

The EVO position anchor provides a simple and straightforward solution for joining Eurotec EVO aluminium system profiles. Thanks to the EVO position anchor, the aluminium profiles can be joined at an angle of between 30° and 90°.

ADVANTAGES

- · Versatile applications
- Corrosion-resistant
- Easy to use



Example of application EVO position anchor

90° profile connector



Art. no.	Dimensions [mm]	Thickness [mm]	Material	PU*
944912	52 x 52 x 18,5	2,5	Hot-dip galvanised steel	10

*Comes supplied with screws.

The 90° profile connector is used to create a 90° angle in connection with the EVO, EVO Light or Eveco aluminium system profiles. It is placed in the groove of the profiles, thereby preventing slipping during the screwing process. In contrast to other angles, the 90° profile connector can simply be screwed onto the outside of the profile and does not have to be mounted on the inside. In conjunction with the Eveco corner connector, it provides safety and additional support.

ADVANTAGES / PROPERTIES

- Simple and time-saving installation compared to alternative fastening options, as the 90° profile connector can be screwed onto the profile from the outside.
- Versatile applications
- Corrosion-resistant



Example of application 90° profile connector



90° profile connector for connecting two EVO aluminium system profiles.

Eurotec | Aluminium system profiles and accessories

BUILDING A TERRACE COVER PANEL

Complete substructure. Trim **EVO aluminium system profile (975610)** to size on the side at the bottom and connect with a **180° EVO joint (975624)**.



Apply aluminium system profiles so that the panel can then be screwed into them. Our 180° EVO joints (975624), 90° EVO joints (975623) and EVO corner connectors (975612-10) can be used for this.









3 Fasten wooden decking boards to the substructure with profile drilling screws.



4 Apply a 45° cut to the side boards as desired and screw into the vertical profiles.



5 Finished!



BUILDING A TERRACE WITH CURVATURE











Apply terrace decking boards (with profile drilling screw).











MaTre band

EVO corner connector

Aluminium concrete bracket with Thermofix- and Rock concrete screw

Curvatures can also be built with our other aluminium system profiles:

0

EVO LIGHT, EVECO

AND HKP

0

Rolfi roll

ACCESSORIES FOR BUILDING A ROUND TERRACE/VERANDA

EVO hinge connector



Art. no.	Dimensions [mm] ^{a)}	Material	PU*	
975750	19 x 12,45 x 131	S235 hot-dip galvanised	4	
°Height x width x lenght				
* For fastenina. we recommend usina Biahty PH 954090-50.				

These are not included in the product.

The EVO hinge connector is the universal connection element for connecting profiles at an angle other than 90° . It is easily screwed to the profiles on the side and can then be adjusted flexibly to suit any individual angle.

ADVANTAGES / PROPERTIES

- Versatile applications
- Simple handling for connection greater than / less than 90°
- Polygonal geometries can easily be constructed
- For structures that are walked on continuously, we recommend two position anchors at each point of intersection.



Example of application EVO hinge connector



With the EVO hinge connector, profiles can easily be joined together in a wide range of angles.

BUILDING A VERANDA

The following pages provide step-by-step instructions on how to build a veranda.

Eurotec | Aluminium system profiles and accessories

BUILDING A VERANDA: THE ROOF



2

The posts should be screwed onto the **PediX support feet** in advance, positioned with the **PediX** and fastened with **rock concrete screws** and **washers**.



3 The girder is fastened to the posts from above with **SK Paneltwistec**. The struts are screwed on at the side with the **TK Paneltwistec**.






Apply roof girders and screw on with **TK Paneltwistec.**



5 The wooden profiles are laid toward the house facade, starting from the bottom, and screwed onto the roof girders with **SK Paneltwistec**.



6 In our example, the roof is completed with bitumen beavertail shingles, side end strips, an eaves fascia and the gutter including holders.



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BUILDING A VERANDA: THE TERRACE

The PRO XL adjustable pedestals are assembled with the additional extension rings and completed with the click adapter. The pedestals are then prepositioned and unscrewed to the desired height. Roof protection cork should be laid under the adjustable pedestals.



8 The EVO aluminium system profiles are clicked into the click adapters on the adjustable pedestals and the height of the adjustable pedestal is finely adjusted. The profiles are then fastened to the house wall with the wall connection bracket and the screws with sealing washers, including screw anchors.



For a rectangular base area, the side elements can be pre-assembled (p. 111) and even the wooden panelling can be applied in advance. The completed elements can then very easily be positioned and aligned. EPDM should be used as a separating layer, and can easily to trimmed to size from the **Rolfi roll**.



Once the side elements have been positioned, they need to be fastened. The side elements are fastened flush together with the **deck edging profile connector set**. The **EVO corner connector** is used to join the side elements together at the corners and to fasten the **aluminium profiles** of the substructure to the side elements. **Aluminium concrete angles** and **rock concrete screws** are used to fasten the elements to a concrete or stone base surface. The side elements that protrude above the house wall can be additionally fastened at this point with the **wall connection angle** and the screws with **sealing washers** and screw anchors.





Fasten side elements.





The terrace decking boards are laid parallel to the house facade. Laying is started with the first board next to the house facade. In our example, we have chosen a visible fastening and screwed the decking boards to the EVO aluminium system profiles with the Eurotec **profile drilling screw.** As tools, we recommend the **drill-stop**, the **spacers** and the tension clamp.



13 Saw notches for posts.



BUILDING A VERANDA: THE TERRACE

14 The pre-fabricated railings can be joined with concealed screws or, for better hold and easier assembly, attached to the posts with the Eurotec angle bracket with ribs in combination with the **angle bracket screws.**



The steps can be built in different ways (see "Building stairs with $\ensuremath{ aluminium \, system}$ 15 profiles EVO" section). In this example, the steps were screwed to the substructure's EVO aluminium system profiles with the 180° EVO joint and then cladded with the same timber as the decking boards.





ASSEMBLY OF SIDE ELEMENTS



EVO SLIM ALUMINIUM SYSTEM PROFILE

Perfect for low structural heights

The **EVO Slim aluminium system profile** is an aluminium substructure for terraces with **very low structural heights**. Compared with conventional terrace substructures made from wood, this substructure has certain significant advantages:

ADVANTAGES / PROPERTIES

- A sturdy base surface for direct support
- Universally suitable for direct/visible fastening systems and for indirect/concealed fastening systems.
- The special profile shape reduces the risk of fastening screws being shorn off as the result of swelling and shrinkage movements in the terrace decking boards.
- The special shape prevents the screws from being shorn off.
- Simple, time-saving assembly
- Dimensionally stable, straight, torsion-free
- · Resistant to weather, UV exposure, insects and rot
- Supports constructive timber protection
- Low dead load

CAN BE COMBINED WITH:





Twin system clip

Profile drilling screw



Hidden fastening using deck gliders



Hidden fastening using deck gliders twin system clip



Visible fastening using profile drilling screw



EVO Slim aluminium system profile



Art. no.	Dimensions [mm	1] ^{a)}	Material	PU
975633	20 x 60 x 2400		Aluminium	1
975628	20 x 60 x 4000		Aluminium	1
ºHeight x width x profile length				
1	5	Important If the Aluminiun combination wi 157 needs to b	n-System Profile EVO-Slim th the Twin system clip, the e considered.	i is installed in e note on page

EVO Slim aluminium system profile connector



Art. no.	Dimensions [mm] ^{a)}	Material	PU*
975629	4 x 200 x 48	Aluminium	10
º)Height x lenght x width			
*Incl. 4 drilling screws per connector.		Note The profile butt joint is only to be position above a post or support.	ed directly

Max. support spacing L [mm] for EVO Slim aluminium system profile with adjustable pedestals^a

			BA	SE-Line adjustable pe	destals, perm. F = 2,2	kN		
Payload [kN/m²]				Centre distance e [mm] between the profiles	5 b)		
[,]	250	300	350	400	450	500	550	600
2,0	650	600	600	550	550	500	500	500
3,0 ^{d)}	550	550	500	500	500	450	450	400
4,0°)	500	500	450	450	400	400	400	400
5,0 ⁽¹⁾	500	450	450	400	400	400	350	350

			Pro	ofi-Line adjustable peo	lestals, perm. F = 8,0	kN		
Payload [kN/m²]			(Centre distance e [mm] between the profiles	b)		
[]	250	300	350	400	450	500	550	600
2,0	650	600	600	550	550	500	500	500
3,0 ^{d)}	550	550	500	500	500	450	450	400
4,0 ^{c)}	500	500	450	450	400	400	400	400
5,0 ^{c)}	500	450	450	400	400	400	350	350

^alIndication of max. span at which the profile's deflection does not exceed L/300. Average board thickness of 25 mm with a specific weight of 7 kN/m³ (larch, pine, Douglas fir). ^b/E. g.: spacing between profiles = 550 mm; payload = 2,0 kN/m² → max. span of the profile = 500 mm. ^aPayloads according to DIN EN 1991-1; roof terraces = 4 kN/m², patios for public use = 5 kN/m². ^aLoad capacity according to SIA 261 for balconies and roof terraces private use = 3 kN/m².

EVO LIGHT ALUMINIUM SYSTEM PROFILE

The inexpensive alternative

The **aluminium system profile EVO Light** was developed especially for grooved WPC/BPC coverings. Thanks to the walls and the perfectly utilised geometry of the **EVO Light aluminium system profile**, it has very high sturdiness.

ADVANTAGES / PROPERTIES

- Hidden fastening with the EVO Light system bracket
- Visible fastening possible with profile and wing-tipped profile drilling screws
- Can also be used with PRO adjustable pedestals and L adapter
- Can be lengthened with EVO Light system connector
- Position retention due to screw of L adapter
- Load-bearing, torsion-free, form-stable and straight
- Special shape prevents screws from shearing off



Hidden fastening using EVO Light system clip



Visible fastening using profile drilling screw





EVO Light system clip



EVO Light aluminium system profile



Art. no.	Dimensions [mm] ^{a)}	Material		PU
975643	32 x 34 x 4000	Aluminium		1
º)Height x width x profile length				
		1	Use the aluminiur bracket (Artno.: for fixing to concu information on po	975661) rete. Find more

EVO Light system connector



Art. no.	Dimensions [mm] ^{a)}	Material	PU
975618	27,7 x 27,4 x 62,5	Plastic	10
^{o)} Height x width x length			

For connecting the aluminium EVO Light system profiles together. The EVO Light system connector has the advantage that it connects the profiles without screws, simply by plugging them together.



Example of application EVO Light system connector

Corner connectors

Suitable for EVO Light aluminium system profiles

*Incl. 20 screws



Art. no.	Dimensions [mm] ^{a)}	Material	PU*
975631	19 x 40 x 40	Aluminium	10
^{o)} Height x width x length			



EVO LIGHT ALUMINIUM SYSTEM PROFILE

The inexpensive alternative

Max. support spacing (L) for EVO Light aluminium system profile without adjustable pedestals, e.g. on concrete foundations^a

Payload				Centre distance e [n	ım] between profiles ^{b)}			
[kN/m²]	250	300	350	400	450	500	550	600
2,0	950	900	850	850	800	750	750	700
4,0 ^{c)}	800	750	700	650	600	600	600	550
5,0 ^{c)}	700	700	650	600	550	550	550	500

^{a)}Max. support spacing (L) for load capacities of 2, 4 and 5 kN/m², with an average board thickness of 25 mm and a specific board weight of 7 kN/m³ (larch, pine, Douglas fir). ^bIf WPC boards are used, the centre distance e between the profiles must not exceed 400 mm!

^{cl}Load capacities according to DIN EN 1991-1; roof terraces = 4 kN/m², decks for public use = 5 kN/m².

Max. support spacing (L) for EVO Light aluminium system profile with adjustable pedestals^a)

				BASE adjustable pede	stals, perm. F = 2,2 k	N		
Payload [kN/m²]				Centre distance e [m	m] between profiles ^{b)}			
[,]	250	300	350	400	450	500	550	600
2,0	950	900	850	850	800	750	750	700
3,0 ^{d)}	850	800	750	750	700	650	650	600
4,0°)	800	750	700	650	600	550	500	450
5,0°)	700	700	650	550	500	450	400	350

				PRO adjustable pedes	tals, perm. F = 8,0 kl	١		
Payload [kN/m²]				Centre distance e [m	m] between profiles ^{b)}			
[,]	250	300	350	400	450	500	550	600
2,0	950	900	850	850	800	750	750	700
3,0 ^{d)}	850	800	750	750	700	650	650	600
4,0 ⁽¹⁾	800	750	700	650	600	600	600	550
5,0°	700	700	650	600	550	550	550	500

^{al}Max.support spacing (L) for load capacities of 2, 3, 4 and 5 kN/m², with an average board thickness of 25 mm and a specific board weight of 7 kN/m³ (larch, pine, Douglas fir).

b)If WPC boards are used, the centre distance e between the profiles must not exceed 400 mm!

^{cl}Load capacities according to DIN EN 1991-1; roof terraces = 4 kN/m², decks for public use = 5 kN/m².

^dLoad capacity according to SIA 261 for balconies and roof terraces private use = 3 kN/m^2 .



EVECO ALUMINIUM SYSTEM PROFILE

For grooved decking boards

The **Aluminum Profile System Eveco** is an aluminum substructure for terraces which were developed specifically **for the use of fastening clips**. This profile is suitable for terrace coverings with **grooved sides**.

ADVANTAGES / PROPERTIES

- · Can be combined with M-clip for hidden fastening
- Universal: can also be used with many other fastening clips (screw diameter: 4,2 mm)
- Developed specially for PRO adjustable feet with Click adapter
- In case of low structure height, the profile can be used without pedestals
- Position retention thanks to Click system without screws
- Load-bearing, torsion-free, form-stable and straight
- · Screw channels avoid lengthy drilling times



Hidden fastening using M-Clip

CAN BE COMBINED WITH:



Eveco aluminium system profile



Art. no.	Dimensions [mm] ^{a)}	Material	PU
975632	24 x 39 x 2400	Aluminium	1
975630	24 x 39 x 4000	Aluminium	1
\$975630	24 x 39 x 4000	Aluminium, black	1
°)Height x width x profile lengt	h		



Use the aluminium concrete bracket (Art.-no.: 975661) for fixing to concrete. Find more information on page 123.

Profile connector deck edging set For extending the end profiles



) x 20	2	Aluminium	2
	-		
		- contra	
	-	D	
			the state of the s

Example of application profile connector deck edging set

SIA

Eveco corner connector For Eveco aluminium system profiles



Art. no.	Dimensions [mm] ^{a)}	Material	PU*
975631	19 x 40 x 40	Aluminium	10
°'Height x width x length			
*Incl. 20 screws			

Payload	Centre distance e [mm] between profiles ⁶⁾							
[kN/m²]	300	350	400	450	500	550	600	800
2,0	800	750	750	700	700	650	650	600
4,0 ^{c)}	650	600	600	550	550	500	500	450
5,0 ^{c)}	600	550	550	500	500	500	450	450

Max. support spacing (L) for Eveco aluminium system profile without adjustable pedestals, e.g. on concrete foundations^a

«Indication of max. span at which the profile's deflection does not exceed L/300. Average board thickness of 25 mm with a specific weight of 7 kN/m³ (larch, pine, Douglas fir). ^{b)}E. g.: spacing between profiles = 550 mm; payload = 2,0 kN/m² \rightarrow max. span of the profile = 650 mm. ^aPayloads according to DIN EN 1991-1; roof terraces = 4 kN/m², patios for public use = 5 kN/m².

Max. support spacing L [mm] for Eveco aluminium system profile with adjustable pedestals^a

nll	BASE adjustable pedestals, perm. F = 2,2 kN									
Payload [kN/m²]		Centre distance e [mm] between profiles ^{b)}								
[]	250	300	350	400	450	500	550	600		
2,0	800	750	700	650	650	600	600	600		
3,0 ^{d)}	700	650	600	600	550	550	500	450		
4,0 ^{c)}	650	600	550	550	500	450	400	350		
5,0 ⁽¹⁾	600	550	500	450	400	350	300	300		

				PRO adjustable pedes	tals, perm. F = 8,0 k	N		
Payload [kN/m²]	Centre distance e [mm] between profiles ^{b)}							
[,]	250	300	350	400	450	500	550	600
2,0	800	750	700	650	650	600	600	600
3,0 ^{d)}	700	650	600	600	550	550	550	500
4,0 ⁽ⁱ⁾	650	600	550	550	500	500	500	450
5,0 ⁽ⁱ⁾	600	550	500	500	500	450	450	450

alIndication of max. span at which the profile's deflection does not exceed L/300. Average board thickness of 25 mm with a specific weight of 7 kN/m³ (larch, pine, Douglas fir).

^{b)}E. g.: spacing between profiles = 550 mm; payload = 2,0 kN/m² \rightarrow max. span of the profile = 600 mm.

^{c)}Load capacities according to DIN EN 1991-1; roof terraces = 4 kN/m², decks for public use = 5 kN/m².

^dLoad capacity according to SIA 261 for balconies and roof terraces private use = 3 kN/m^2 .

Cross bracing Eveco



Art. no.	Name	Material	Dimensions [mm] ^{a)}	PU
975667	Cross bracing Eveco	Aluminium	24 x 40 x 361	1
°)Height x width x profile length				

Our cross bracing is the perfect complement to our aluminium profiles. The pre-mounted brackets make installation even easier.

ADVANTAGES

- · Simple, time-saving assembly
- Faster completion of the terraces
- The prefabricated cross bracing prevents the costly process of cutting the profiles on the construction site.
- · Clean prefabrication ensures professional assembly

INSTRUCTIONS FOR USE

The cross bracings can only be used with a centre distance of 40 mm.



Example of application cross bracing Eveco

ACCESSORIES ALUMINIUM SYSTEM PROFILES

Aluminium concrete bracket For fixing to concrete



Art. no.	Dimensions [mm] ^{a)}	Ø Round hole [mm]	Slotted hole [mm] ^{b)}	PU*
975661	19,75 x 22,75 x 30	8	20 x 4,5	10
º)Height x length x width				

^{b)}Length x width

*Delivery includes one 4,2 x 17 mm Thermofix screw.

The rock concrete screw for fixing to concrete is not included in the scope of delivery and must be ordered separately.

INSTRUCTIONS FOR USE

The aluminium concrete bracket is fixed to the aluminium through the slotted hole using the $4,2 \times 17$ mm Thermofix screw supplied. The slotted hole can be used to compensate for material expansion of the aluminium.

The round hole is used for fixing to concrete with the 7,5 mm rock concrete screw hexagonal/hexagonal with flange.

Can be combined with our aluminium system profiles EVO, EVO Light and Eveco.



Aluminium concrete bracket in conjunction with the EVO aluminium system profile

MaTre band

For material separation



Suitable for

EVO, EVO

Light and

HKP

Art. no.	Dimensions [mm] ^{o)}	PU
945319	0,5 x 10 x 20000	5

^{o)}Height x width x length

The MaTre band is used for material separation and thus prevents creaking noises between the aluminium profiles and planks.

ADVANTAGES

- Easy attachment thanks to an adhesive film
- · Optimal fit through a very thin material
- Tear resistant and durable
- Screws can be easily screwed
- · Can be cut to length individually



Example of application MaTre band

ALUMINIUM DECK SUPPORT SYSTEM HKP

For bridging wider spans

The **deck support system** comprises an aluminium substructure that allows spans of up to 3 m, depending on the desired loading capacity. The support system can therefore be tailored flexibly to meet a wide range of requirements. It **is used especially on decks installed near to the ground** in which only a few auxiliary supports are laid. Its **versatile range of applications** also includes elevated decks, load-bearing balconies and overhanging decks near to the ground. The deck support system **consists of two components** that are joined together to form a closed, load-bearing system.

ONE SYSTEM, MANY ADVANTAGES

- High load bearing capability
- Large support widths
- High dimensional stability and evenness
- Low dead load
- High flexibility
- High durability
- Attractive, clean enclosed frame
- Material savings

CAN BE COMBINED WITH:





Deck gliders

Twin system clip





Hidden fastening using deck gliders



Hidden fastening using deck gliders twin system clip



Visible fastening using profile drilling screw





THE TWO PARTS OF THE SYSTEM FORM A COMPLETE DECK SUBSTRUCTURE

Support-profile HKP



Art. no.	Dimensions [mm] ^{a)}	Material	PU
954669 ®Height x width x profile length	100 x 60 x 4000	Aluminium	1



Fascia	profile HKP



Art. no.	Dimensions [mm] ^{a)}	Material	PU
954668	104 x 50 x 4000	Aluminium	1
^{o)} Height x width x profile length			
[_// //	
	Notches on the fascia		
	profile for connecting		
	the support profile and		
	fascia profile in the		
	corner area.		



Notches on the fascia profile for connecting the support profile and fascia profile in the corner area.



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Aluminium support-profile connector For support-profile HKP



Dimensions [mm] ^{a)}	Material		PU*
74 x 50 x 250	Aluminium		1
	Note The profile butt joint is only to be above a post or support.	positioned directly	
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
		74 x 50 x 250 Aluminium Note The profile butt joint is only to be	74 x 50 x 250 Aluminium Note The profile butt joint is only to be positioned directly

Example of application aluminium support-profile connector



Maximum support distances L [mm]^{a)} for supports made of concrete or steel

Bearing type	Payload	Axis clearance e [mm] of support profile HKP to one another ^{b)}						
	kN/m²	300	350	400	450	500	550	600
	2,0	3000	2750	2750	2500	2500	2500	2250
Single-span beam L	3,0 ^{d)}	2750	2500	2500	2250	2250	2250	2000
	4,0 ^{c)}	2500	2250	2250	2000	2000	2000	2000
<u>~</u> ¥	5,0 ^{c)}	2250	2000	2000	2000	1750	1750	1750
	2,0	3000	3000	3000	3000	3000	2750	2750
Twin-span beam L [mm]	3,0 ^{d)}	3000	2750	2500	2500	2500	2500	2250
	4,0 ^{c)}	2750	2500	2500	2500	2250	2250	2250
ý tý tý	5,0 ^{g)}	2500	2500	2250	2250	2000	2000	2000
Single-span cantilever beam L [mm] / Lk [mm]	2,0	3000 / 1000	2750 / 1000	2750 / 1000	2500 / 1000	2500 / 1000	2000 / 1000	1750 / 1000
	3,0 ^{d)}	2500 / 1000	2500 / 1000	2500 / 750	2500 / 750	2500 / 750	2000 / 750	1750 / 750
	4,0 ^{c)}	1750 / 1000	1500/750	1500 / 750	1500 / 750	1500/750	1500 / 750	1500/750
<u>, , , , , , , , , , , , , , , , , , , </u>	5,0 ^{c)}	1500/750	1500 / 750	1500 / 750	1500 / 750	1500 / 750	1250 / 750	1250 / 750

^aMax. bearing clearances (L) for bearings with "direct support" with payloads of 2, 3, 4 and 5 kN/m², with a mean board thickness of 25 mm and a board weight of 7 kN/m².

^{b)}If WPC boards are used, the axis clearance e between the profiles must not exceed 400 mm!

^aPayloads in accordance with DIN 1055-3:2006, roof terraces = 4 kN/m², terraces in public = 5 kN/m².

^{d)}Load capacity according to SIA 261 for private balconies and roof terraces = 3 kN/m².

Pogring type	Payload	Maximum support distances L [mm] with the adjustable pedestals of the PRO-Line series with a HKP support profile®						
Bearing type	kN/m²	300	350	400	450	500	550	600
	2,0	3000	2750	2750	2500	2500	2500	2500
Single-span beam L	3,0 ^{e)}	2750	2500	2500	2250	2250	2250	2000
	4,0 ^{c)}	2500	2250	2250	2000	2000	2000	2000
,	5,0 ^{c)}	2250	2000	2000	2000	1750	1750	1750
T.]	2,0	3000	3000	3000	3000	3000	2750	2500
Twin-span beam L [mm]	3,0 ^{e)}	3000	2750	2500	2250	2000	1750	1750
	4,0 ^{c)}	2500	2250	2000	1750	1500	1250	1250
· · · · · · · · · · · · · · · · · · ·	5,0 ^{c)}	2000	1750	1500	1250	1250	1000	1000
Single-span cantilever beam	2,0	3000 / 1000	2750 / 1000	2750 / 1000	2500 / 1000	2500 / 1000	2000 / 1000	1750 / 1000
L [mm] / Lk [mm] ^a	3,0 ^{e)}	2500 / 1000	2500 / 1000	2500 / 750	2500 / 750	2500 / 750	2000 / 750	1750 / 750
	4,0 ^{c)}	1750 / 1000	1500/750	1500 / 750	1500/750	1500/750	1500 / 750	1500 / 750
, <u> </u>	5,0°	1500 / 750	1500 / 750	1500 / 750	1500 / 750	1250 / 750	1250 / 500	1250 / 500

Maximum support distances (L) for adjustable feet of the PRO-Line (permitted F = 8,0 kN)

^aMax. bearing clearances (L) for bearings with adjustable pedestals of the PRO-Line series with payloads of 2, 3,4 and 5 kN/m², with a mean board thickness of 25 mm and a board weight of 7 kN/m² (larch, pine, Douglas fir).

^{b)}If WPC boards are used, the axis clearance e between the profiles must not exceed 400 mm!

^{c)}Load capacities according to DIN EN 1991-1; roof terraces = 4 kN/m², decks for public use = 5 kN/m².

^{d)}Lifting forces of up to 1 kN can be sustained on support A.

 $^{\rm e)}\mbox{Load}$ capacity according to SIA 261 for balconies and roof terraces private use = 3 kN/m².

Note

This table provides an overview only of the load bearing capability. The information on load bearing capability in the technical information must be noted!



Eurotec | Aluminium system profiles and accessories

BUILDING A TERRACE WITH CANTILEVER



1 In our example, point foundations were applied with square tubes cast into them. Steel beams are then welded to the tubes.



The **HKP support profiles** are distributed across the steel structure at regular intervals. 2 Rolfi spacers are used as a separating layer between the profiles and the steel.







3 The next step is to fasten the profiles. To do so, a material separation is first prepared, with the Protectus timber-protection tape glued onto the HKP support profile. The T-beam anchors are then hooked into the steel beams and fastened to the HKP support profile with BiGHTY drilling screws.



4 The ly. T

The **HKP fascia profiles** provide a sturdy, closed system and are attached perpendicularly. The **HKP support profiles** need to be prepared accordingly. The **HKP fascia profiles** are then inserted and fastened with the **BiGHTY drilling screw**.



The work steps continue on the next page.

Eurotec | Aluminium system profiles and accessories

5

The terrace decking boards are laid parallel to the house façade. Laying is started with the first board next to the house façade. In our example, we have chosen a visible fastening and screwed the decking boards to the **HKP support profiles** with the Eurotec **profile drilling screw.** As tools, we recommend the **drill-stop**, the **spacers** and the **tension clamp.** 6 In the final step, the side panels are attached. To enable this, **EPDM façade tape** is attached to the outer sides of the **HKP support profile** in advance. The desired wooden boards are then fastened to them with the **profile drilling screw**.





ACCESSORIES FOR BUILDING A TERRACE WITH CANTILEVER

The T-beam anchor is a fastener that was specifically designed for **connecting wood beams**, or the **Eurotec HKP support profile**, to steel beams. It is also perfect for use in the previous example: terrace with cantilever. The **T-beam anchors** should always be attached in pairs and diagonally across each other to be able to uniformly absorb the forces occurring. The three large holes also enable **installation on concrete parts**.

T-beam anchor



Art. no.	Dimensions [mm] ^{a)}	Material thickness [mm]	Material	PU
904119	50 x 160	3	Steel S 250 GD + Z 275	100
904120	50 x 180	3	Steel S 250 GD + Z 275	100
904121	50 x 200	3	Steel S 250 GD + Z 275	100
°)Width x height				

ADVANTAGES

- Quick and easy assembly
- Specifically designed for fastening to T-beams

Note

For mounting on wood, we recommend our angle fitting screw. Our BiGHTY PH is recommended for mounting on aluminium.



T-beam anchor in conjunction with a T-beam.

ALUMINIUM FUNCTION STRIPS / DILO

Optimal for terraces with low installation heights

ADVANTAGES / PROPERTIES

- The profile impresses with its **low assembly height**; for example: profile height 29 mm + board 24 mm = Total height 53 mm.
- This low height means the profile is excellently suited to the construction of timber decks that are to be built on existing stone patios, balconies or roof terraces.
- The aluminium is dimensionally stable, does not rust and is extremely weather-resistant. These are key advantages over timber substructures.
- The **small supporting surface** is ideal for allowing water to run off and prevents the screw from shearing off.
- The self-adhesive cork insert is free of PAHs and ensures good footfall sound damping on the underside of the profile.
- The aluminium function strip is available in two versions so that – here, too – one can choose between visible and hidden screw connections on a case-by-case basis.



Hidden fastening



Visible fastening



Aluminium function strip



Art. no.	Dimensions [mm] ^{o)}	Material	PU
945510	29 x 34 x 1750	Aluminium	1
${}^{\scriptscriptstyle 0}\!$ Height x width x profile length			
For the direct attachment of deck	ing boards of 21 — 25 mm thickness, see Profile c	Irilling screw and Wing-tipped pr	ofile drilling screw (p. 172).
		O FRE	
			E OF PAHS
	With glued-in cork insert		= hazardous plasticisers

Aluminium function strip DiLo



Cork pad with adhesive tape	
For DiLo aluminium function strip	

Suitable for this



DiLo drilling screw Hardened stainless steel

Suitable for this



Art. no.	Dimensions [mm] ^{a)}	Material	PU*
945535	29 x 34 x 2240	Aluminium	1
°'Height x width x profile length			

*Cork pads are not included with this product.

HI COL

See DiLo drilling screws (p. 133) for hidden fastening of deck boards with a thickness of 20 – 30 mm.

PROPERTIES

- Holes: 5,1 mm
- Distance from hole to hole: 20 mm
- Distance from edge to first hole: 10 mm

Art. no.	Dimensions [mm] ^{a)}	PU
945331	17 x 28 x 90	100
®Height x width x lenght		
C WT C	Pull off the protective film	E OF PAHS = hazardous plasticisers ober

Art. no.	Dimensions [mm]	Drive	Board thickness	PU*
111860	5,0 x 28,5	TX25 •	at least 20 mm	200
111861	5,0 x 33,5	TX25 •	at least 25 mm	200
111862	5,0 x 38,5	TX25 •	at least 30 mm	200
*Incl. 1 Bit				

ADVANTAGES / PROPERTIES

 $\cdot \;$ Limited resistance to acid

- 10 years experience without corrosion problems with suitable woods
- Not suitable for woods containing high amounts of tanning agents, such as cumarú, oak, merbau, robinia, etc.
- Not suitable for use in chlorous atmospheres
- Stainless steel in accordance with DIN 10088

ACCESSORIES FOR ALUMINIUM FUNCTION STRIP/ ALUMINIUM FUNCTION STRIP DILO

Procedure for hidden fastening of deck boards to DiLo aluminium function strips:

1	Cut the DiLo aluminium function strips and deck boards to the lengths you require.
2	Lay the cut boards down so that the rear side is facing upwards.
3	Align the boards with a uniform joint spacing on a leveled subsurface. Use the Eurotec spacer for this.
4	Lay the DiLo aluminium function strips backwards onto the boards (at least two DiLo aluminium function strips per element).
5	Fasten each strip in place by screwing two DiLo drilling screws (Ø 5 x 28,5; Ø 5 x 33,5 or Ø 5 x 38,5 mm) into the board for each intersection point (of board and substructure) through the prefabricated drill holes in the strip.
6	Stick the cork pads into the DiLo aluminium function strip so that almost the entire surface is used for support.

7 Finally, just turn the finished element over and position it. Done.









TERRACE EDGING



DECK END PROFILES FOR SINGLE POINT SUPPORT

For terraces with flagstone flooring

Our deck end profile for single point support can be used to achieve a visually attractive border on decks with stone slab flooring. Our product is used in the field of single point support in conjunction with our PRO M – XL adjustable pedestals.

The border **consists of two parts:** the upper part, which is placed on the head of the PRO adjustable pedestal, and the lower part, on which the adjustable pedestal is positioned.



Inside corner deck edging set

For inside corners in combination with end profiles



Art. no.	Dimensions [mm]	Material	PU
975645	500 x 500	Aluminium	1

SET CONSISTS OF

- Left and right inside corners
- 2 profile connectors
- 1 corner connector
- 12 drilling screws 4,8 x 25 mm



Example of application inside corner deck edging set

Corner connector deck edging set For 90° corner connections in the end profiles



Art. no.	Dimensions [mm] ^a)	Material thickness [mm]	Material	PU
975641	50 x 20 x 50	2	Aluminium	2
•) Height x width x lenght				

SET CONSISTS OF

• 2 corner connectors • 8 drilling screws 4,8 x 25 mm



Example of application corner connector deck edging set

Protile connector deck edging set	Art. no.	Dimensions [mm]	Material thickness [mm]	Material	PU
For extending the end profiles	975642	100 x 20	2	Aluminium	2
	SET CONSISTS OF		and the second second		



• 2 profile connectors

• 8 drilling screws 4,8 x 25 mm



Example of application profile connector deck edging set

EDGE FINISH SINGLE SUPPORT

Perfect for stone terraces

The Eurotec edge finish single support is a simple, top quality way of forming edge finishes for stone terraces with individual support. The set is made up of two stainless steel profiles, one of which is placed on top of the adjustable foot and one underneath it, so that the cut slabs are bordered at the top and bottom. For this to work, the stones must be cut to the desired height and then inserted between the frames. The edge finish single support can be combined with the Eurotec adjustable feet professional line S – XL, along with GIANT S – XL.

Edge finish single support



Art. no.	Name	Dimensions [mm] ^{a)}	Material	PU
975606	top	32,5 x 55 x 188	1.4016 according to EN 10088	10
	bottom	29,5 x 55 x 216	1.4016 according to EN 10088	10
°)Height x width x lei	nght			
ADVANTAGES	5			
 Simple assem 	bly - no screws or			

- drilling required
- Top quality stainless steel edge support no danger of corrosion
- Frames help prevent subsequent slipping of the stone slabs.





Both individual parts are placed under and on top of the adjustable pedestal PRO.







COVER PROFILE

For edge and end cover of the decking

The area of application of the new cover profile is the **head end or the butt joint of the decking.** Due to the specific surface, the screen profile is able to guarantee **no risk of slipping** even in wet conditions. Thanks to the flat geometry, the cover profile **does not represent a tripping hazard.** Our cover profile can be freely combined with all commercially available decking boards.

Cover profile



Art. no.	Dimensions [mm] ^{a)}	Material thickness [mm]	PU
975651	27,5 x 37,5 x 2400	2,5	1
º)Height x width x profile lenght			

ADVANTAGES

- Quick and easy assembly
- Freely combinable with all available decking boards
- Ensures a non-slip surface even in wet conditions
- · Flat geometry prevents tripping hazards
- Resistant to weather, UV exposure, insects and rot

APPLICATION INFORMATION

Fixing is done with countersunk screws ($ø \le 4$ mm) through the prefabricated holes, which are arranged at an axis-centre distance of 20 cm. Due to the small edge distance of the screw, it is recommended that you pre-drill!



Example of application cover profile - 90°


DECK END PROFILE FOR ALUMINIUM SUBSTRUCTURES

For terraces with flagstone flooring

The Eurotec deck end profiles for aluminium substructures deliver a **visually attractive border** on decks with stone slab flooring in combination with the Profi-Line adjustable pedestals and the EVO aluminium system profile. The system **consists of two end profiles**, which enclose the deck's upper and lower edges respectively.

End profiles for aluminium substructure



Art. no.	Name	Dimensions [mm] ^{a)}	Material thickness [mm]	Material	PU
975639	top	61,5 x 45 x 2000	2,5	Aluminium	1
975640	bottom	50 x 45 x 2000	2,5	Aluminium	1
º)Height x width x profil	e lenght				

Note: for slab thicknesses ≤40 mm

ADVANTAGES

- Visually attractive border
- Versatile applications



Example of application end profiles for aluminium substructure

Notes

The product only includes the particular aluminium end profiles. All other components must be ordered separately. Per fastening, these include: EVO aluminium system profiles, 90° EVO joint, EVO corner connector and 6x BiGHTY 4,8 x 25 mm drilling screws (art. no. 954090-50, PU: 50). (4x for the 90° EVO joint and 1x each for the connections to the top and bottom deck edging end profiles). For slab thicknesses of less than 40 mm, the resulting free space must be filled with compression seal tape.



ASSEMBLY INSTRUCTIONS – TERRACE EDGE END PROFILES FOR ALUMINIUM SUBSTRUCTURES

1 Build terrace substructure.



Create edge end profiles and apply to bottom edge. Edge end profiles consist of: EVO aluminium system profiles, EVO corner connector, 90° EVO joint, BiGHTY drilling screw Ø 4,8 x 25 mm (item no. 954090-50, PU 50).



3 Connect end profile at the bottom with a 45° cut to form a corner, screw to the edge end profiles with BiGHTY drilling screws and secure with an EVO corner connector.







Connect end profile at the top with a 45° cut to form a corner, screw to the edge end profiles with BiGHTY drilling screws and secure with an EVO corner connector.



5 Apply compression seal tape in the rails and lay stone slabs on the terrace.



6 Done!



ALUMINIUM COVER

For visually appealing edging

The aluminium cover can be combined with the tops of the terrace edge profiles for an aluminium substructure and single bearing or with the stone-edge clip to a **high-quality terrace edge**.

Aluminium cover



Art. no.	Dimensions [mm] ^{a)}	Material thickness [mm]	Material	PU
975655	116 x 7 x 2000	2	Aluminium	1
º)Height x width x lenght				

ADVANTAGES

- Easy assembly
- Flexible border design
- It is possible to match the complete edge structures together
- Can be combined with all standard gutter systems/eaves fascia





ALUMINIUM EAVES

For visually appealing edging

The aluminium eaves offers an additional opportunity to form the terrace edge. It is available in 3 cm and 5 cm in height. The aluminium eaves forms the lower part or the entire panel for smaller heights. Combined with the aluminium cover, the side openings can be closed.

Aluminium eaves



Art. no.	Name	Dimensions [mm] ^{a)}	Material thickness [mm]	Material	PU
975653	Aluminium eaves 3 cm	72 x 104 x 2000	1,8	Aluminium	1
975654	Aluminium eaves 5 cm	92,8 x 104 x 2000	1,8	Aluminium	1
º)Height x width x profile len	ght				

ADVANTAGES

- Easy assembly
- Elegant view
- Flexible border design
- It is possible to coordinate the complete edge structure
- Freely combinable with all standard gutter systems
- The lower sheets are enclosed within the sealing
- Integrated water drainage



Example of application aluminium eaves



ASSEMBLY INSTRUCTIONS – ALUMINIUM COVER AND ALUMINIUM EAVES

Apply the seal along the edge of the **aluminium eave**.





2 Complete terrace substructure.



Create edge end profiles and apply to bottom edge. Edge end profiles consist of: **EVO** 3 profiles, EVO corner connector, 90° EVO joint, BiGHTY drilling screw Ø 4,8 x 25 mm (item no. 954090-50, PU 50)







Connect **end profile** at the top with a 45° cut to form a corner, screw to the **edge end profiles** with **BiGHTY drilling screws** and secure with an **EVO corner connector**.



5 Insert **aluminium cover** into the end profile at the top, connect to form a corner with corner connector and rivet to the **aluminium eave**.



6 Insert slabs - done!

4



DRAINTEC - ALUMINIUM DRAINAGE GRATE

The DrainTec aluminium drainage grate is used for **controlled water drainage**.

The DrainTec drainage grate focuses mainly on the connection detail of building openings. This refers to door connection areas, or **transitions from vertical façade surfaces to horizontal terrace surfaces**, for example. The wood preservation standard DIN 68800-2:2012 and the flat roof directive were taken into account in its development.

Thanks to its special geometry, it is able to "catch" precipitation. This causes the **water to be channelled directly** to the seal or the gutter, without exposing the door element or the façade cladding to reflected water (backspray). Heavy rain is drained in a controlled manner. Thanks to the flat geometry (21 x 140 mm), **combination with standard terrace decking boards** or porcelain stoneware slabs is possible. Furthermore, the assembly height prescribed by the standard can be reduced to a height of 0.05 m.

DrainTec – drainage grate



Art. no.	Name	Dimensions [mm] ^{a)}	Material	PU
975634	DrainTec — drainage grate	21 x 140 x 4000	Aluminium	1
^{a)} Height x width x lengl	nt			
ADVANTAGES/	PROPERTIES	<u>n</u> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	ed with the Eurotec o create elevated			
As an inspectio	n and cleaning fitting			
Even for low do	oor-joint heights			
For creating ba wheelchair-frie				
	r direct mounting on undations			

Draintec Clip



Art. no.	Name	Dimensions [mm] ^{a)}	Material	PU*
975635	DrainTec Clip	16,5 x 20 x 144	Stainless steel A2	2
ª)Height x width x lenght				
*Comes supplied with screw	IC			

Used to attach drainage grate by simply clicking into place and allows subsequent removal of drainage grate.



Without DrainTec the reflected rainwater splashes onto the door element or façade cladding.



With DrainTec the rain is drained off in a controlled manner and the rainwater flows directly into the foundation.



DRAINTEC BASE

The ideal addition to our DrainTec Drainage Grate

Thanks to the DrainTec Base, our DrainTec Drainage Grate can now also be used **at ground level on gravel**, **sand and other substrates**. Through the angular perforations in the middle of the base, the base **can be combined with our adjustable pedestals from the PRO-Line series**. The Click Adapter 60 is required for this. By using an additional screw, the base can be fixed onto the adjustable pedestal. The base **can be used as part of standalone support** and with aluminium substructures.

Draintec Base



Art. no.	Name	Dimensions [mm] ^{a)}	Material	PU
975658	DrainTec Base	20 x 144 x 2400	Aluminium	1
º)Height x width x lengl	ıt			
ADVANTAGES		*	14.4	-
• Easy to clean b	ase	2		
	re any additional su laying on bulk material	5,0		20
made of wood	h classic substructures as well as with our ium system profile and rt system HKP			
 Easy to lay 				
• Weather-resista	int			
 Compatible wit PRO S – PRO X 	h adjustable pedestals L			
we strongly recor MaTre band (pro	S FOR USE n aluminium substructure nmend the use of our duct no. 945319). This noise when treading on			



DrainTec Base in combination with the DrainTec drainage grate and PRO adjustable feet with click adapter.



DrainTec Base in combination with the DrainTec drainage grate without substructure.

DRAINTEC ADAPTER

The DrainTec Adapter is a special accessory for the DrainTec Base. This permits **another stone slab to be laid on the base** instead of our DrainTec drainage grid. The adapter is inserted on top of the DrainTec Base and then sits firmly on the profile. The adapter **can receive one stone slab or alternatively two stone slabs** butted together, with the centre spacers of the adapter providing an even pattern of joints. The width of the stone slab needs to be 114 \pm 0.5 mm in order to create a joint on the sides through which **water can run off** and be drained away in a controlled manner using the DrainTec Base.

Draintec Adapter



Art. no.	Material	Dimensions [mm] ^{a)}	PU*
975626	Polypropylene copolymer (PP-C)	17,5 x 40,4 x 140,7	10
º)Height x width x lenght			

*For fastening, we recommend using Bighty PH drilling screws (954068). These are not included in the product.

ADVANTAGES

- Two attachment points enable the adapter to be fixed to the DrainTec Base.
- If DrainTec Base is attached to one of our PRO S – XL adjustable pedestals, the inserted stone slab can be adjusted to the level of the stone slabs of the terrace



Side view of the DrainTec adapter under a stone terrace.



The Draintec adapter allows rainwater to drain away in a controlled manner, with additional back ventilation arising at many detailed points.

DECK FASCIA BOARD MOUNT

The perfect accompaniment to our adjustable pedestals

The Eurotec deck fascia board mount can be used with the PRO M and L adjustable pedestals. It was developed to allow users to create a visually attractive border on decking. The deck fascia board mount consists of a **base plate and a side bracket**. For assembly purposes, the side bracket can be separated into two individual parts: **the Clip and the Fix-Clip**.





Fastening a timber panel with the timber holder.



Visually appealing edging thanks to panel holder.



ACCESSORIES FOR **HIDDEN** FASTENING OF TERRACE DECKING BOARDS

FIXING THE DECK WITHOUT VISIBLE SCREW HEADS

Deck boards can be fastened in different ways, depending on the type of wood. We provide **innovative solutions** that enable your **individual requirements and wishes** for fastening your deck boards.

ADVANTAGES

- Indirect/hidden fastening solution
- Compatible with different Eurotec aluminium system profiles
- Uniform joint spacing is guaranteed
- Supports constructive timber protection
- Weather-resistant

TWIN SYSTEM CLIP

Hidden fastening to aluminium substructure

The Twin aluminium system clip is **inserted between two wooden boards** before being secured within the board groove using a stainless steel clamping plate. The clamping plate is attached to the aluminium substructure using a drilling screw between the joints. The spacer domes **ensure uniform joint** spacing from board to board.

Twin system clip



Art. no.	Dimensions [mm] ^{a)}	Material	PU*
945959	26 x 55 x 15	Plastic, black	200
Klemmplatte	2 x 30 x 20,5	A2 stainless steel, black	
°)Height x lenght x width		-	

*Comes supplied with screw Ø 5 x 50 mm and bit

ADVANTAGES

- Indirect / hidden fastening solution
- Individual boards can be adjusted and replaced at any time
- Compatible with Eurotec's EVO/EVO Slim aluminium system profiles and the HKP deck-support system
- Uniform joint spacing of approx. 6 mm
- · Supports constructive timber protection
- Weather-resistant

	tem clip is suitable for bo ollowing groove geometr		
Groove depth, D:	Groove width, W:	Groove wall thickness, T:	
≥7,5 mm	≥ 2,0 mm	≥ 2,0 — 12,0 mm	
Where applicable, the manufacturer $/{\rm timber}$ supplier must establish whether the timber type is suitable.			

Note

If the Twin system clip is intended to be used in combination with the **Aluminium System Profile EVO Slim**, a shorter screw needs to be ordered separately. When the supplied screw \emptyset 5 x 50 mm is used there is the risk, that components below the EVO Slim, such as waterproofings, may get damaged.

ALTERNATIVE SCREW FOR THE USE OF THE EVO SLIM PROFILE:

H

Art. no.	Dimensions [mm] ^{a)}	Groove wall thickness [mm]	Material	PU
111882	5 x 30	2,0 - 7,0	Stainless steel, hardened	100
111878	5 x 35	2,0 — 12,0 mm	Stainless steel, hardened	100
º)Height x width				

It is necessarry to take a look at our product data sheet available on **www.eurotec.team/en** or to get in contact with our technical support.



Concealed fastening of a timber board with Twin system holder.

EVO LIGHT SYSTEM CLIP

Hidden fastening to aluminium substructure

EVO Light system clip

Straight



Art. no.	Dimensions [mm] ^{a)}	Material	PU*
946029	21 x 24 x 15	Plastic, black	200
Clamping plate	1,5 x 30 x 22	A2 stainless steel	
°'Height x length x width *Comes supplied with screw.			

Note

In case of deviations of the
groove thickness, the screw
length may change!
Please contact our technical
department.

EVO Light system clip, straight is suitable for boards with the following groove geometry:				
Groove depth, D: Groove width, W: Groove wall thickness, T:				
≥ 7,5 mm ≥ 2,0 mm ≥ 2,0 - 9,0 mm				
Where applicable, the manufacturer/timber supplier must establish whether the timber				

Where applicable, the manutacturer/timber supplier must establish whether the timber type is suitable.

EVO Light system clip

Bent



Art. no.	Dimensions [mm] ^{a)}	Material	PU*
946034	21 x 24 x 15	Plastic, black	200
Clamping plate	1,5 x 30 x 21,1	A2 stainless steel	
^{a)} Height x length x width *Comes supplied with screw	A		

Note
In case of deviations of the
groove thickness, the screw
length may change!
Please contact our technical
department.

EVO Light system clip, bent is suitable for boards with the following			
groove geometry:			
Groove depth, D:	Groove width, W:	Groove wall thickness, T:	
≥ 7,5 mm ≥ 2,0 mm ≥ 2,0 - 9,0 mm			
Where applicable, the manufacturer/timber supplier must establish whether the timber type is suitable.			

ADVANTAGES / PROPERTIES

- For invisible attachment of grooved boards on: EVO Light aluminium system profile
- For questions regarding groove geometry, always contact your local specialist timber dealer
- Time-saving and easy installation
- + Automatically predefined joint spacing of 6 mm
- + Individual boards can be adjusted or replaced at any time
- Supports constructive timber protection
- Weather-resistant



Hidden fastening using EVO Light system clip

GROOVE CLIP, M-CLIP

Hidden fastening of deck boards



Art. no.	Dimensions [mm] ^{a)}	Material	PU
954046	19,8 x 45 x 27	Polypropylene copolymer (PP-C), black	100
⁰Height x lenght x width			

^{o)}Height x lenght x width

The Eurotec groove clip is used for the invisible fastening of laterally grooved terrace decking boards made of lowmovement wood on an wooden substructure. The clip is only suitable for grooves with a radius of 7 mm.

ADVANTAGES / PROPERTIES

- Quick and easy assembly
- Suitable for boards with a lateral groove
- Boards with a groove can easily be replaced

INSTALLATION INSTRUCTIONS

Prior to installation, it is important to enquire with your board manufacturer whether the board to be installed has the desired groove geometry.



The groove clip (K) on a wooden substructure.*

*In this view, the screw is not completely screwed into the substructure. After completely screwing in, the screw is no longer visible and closes at the upper edge of the groove clip.

M-Clip For Eveco aluminium system profiles



Art. no.	Dimensions [mm] ^{a)}	Material	PU*
111896	9,5 x 22 x 32	Stainless steel, black	200
°)Height x lenght x width	_		
*Comes supplied with screw.			

The M-Clip can be used to fasten laterally grooved floorboards to our Eveco aluminium system profile or alternatively to a wooden substructure. Only low-movement wood types or WPC floorboards are suitable for concealed installation with the M-Clip.



ADVANTAGES / PROPERTIES

- · Quick and easy installation
- Can be combined with a large range of side groove geometries
- Automatically creates a board spacing of 6 mm

The M-Clip is suitable for boards with the following groove geometry:				
Groove depth, D: Groove width, W: Groove wall thickness, T:				
\geq 8,0 mm \geq 4,5 mm \geq 6,0 - 9,0 mm				
Where applicable, the manufacturer/timber supplier must establish whether the timber type				

Where applicable, the manufacturer/timber supplier must establish whether the timber type is suitable.



Example of application M-Clip

DECK GLIDERS

Hidden fastening of deck boards

The deck glider also creates a 10 mm gap between the substructure and the deck boards to prevent shearing of the stainless steel screws, for use with lowswelling and low-shrinkage timbers (see p. 171). However, in contrast to Distance strips 2.0, the boards are fastened indirectly, i.e. screw heads cannot be seen on the surface of the deck. The gliders fulfill all criteria for fastening both wood and composite boards.

Deck glider



Art. no.	Dimensions [mm] ^{a)}	Quantity* [piece/10 m²]	Material	PU
944830	10 x 190 x 20	123	Hard plastic	200
^{o)} Height x lenght x width				

*Clearance of bearing beams = 600 mm, board width = 145 mm, Joint dimension = 5 mm (depending on type of timber).

Please use decking multi angles or the StarterClip for the first and last bearing beams, and for the board butts

Each deck glider includes 4 Thermofix screws made of hardened stainless steel. If required, you can additionally buy the glider screws in A2 or A4 stainless steel.

Mini deck glider



Dimensions [mm] ^{a)}	Quantity* [piece/10	m²] Material	PU
10 x 140 x 14	200	Hard plastic	200
°lHeight x lenght x width			
*Clearance of bearing beams = 500 mm, board width = 90 – 100 mm, Joint dimension = 5 mm (depending on type of timber). Please use decking multi angles or the StarterClip for the first and last bearing beams, and for the board butts.		Note The Mini deck glider is a	
	10 x 140 x 14 500 mm, board width = 90 – 100 (ending on type of timber). Please us	10 x 140 x 14 200 500 mm, board width = 90 — 100 mm, Inding on type of timber). Please use decking multi angles or	10 x 140 x 14 200 Hard plastic 500 mm, board width = 90 - 100 mm, inding on type of timber). Please use decking multi angles or Note

Each Mini deck glider includes 3 Thermofix screws made of hardened stainless steel. If required, you can additionally buy the glider screws in A2 or A4 stainless steel.

width of 90 to 100 mm.



Thermofix screw With drill point, stainless steel, hardened



Suitable

for this

Art. no.	Dimensions [mm]	Drive	PU
944927	4,2 x 24	TX20 •	100
ADVANTAGES/PROPERTIE	S		

· Limited resistance to acid

- · Suitable for use with woods containing tanning agents such as cumarú, oak, merbau, robinia, etc.
- · Suitable for saline atmospheres
- · Not suitable for use in chlorous atmospheres

Art. no.	Dimensions [mm]	Drive	PU
945969	4,2 x 22	TX20 🗢	100

INSTALLATION INSTRUCTIONS

To fasten the boards in place, the gliders are first screwed onto the underside of the boards and then screwed onto the substructure from above. This fastening type **avoids direct connections to the substructure.** The deck boards therefore have greater freedom of movement (via the deck glider).

Per glider, we recommend using two screws for fastening the glider onto the board and two screws for fastening the glider onto the substructure. For the Mini deck glider, you should use two screws for fastening the Mini deck glider onto the board and one screw for fastening it to the substructure. The deck gliders are suitable for boards with a width of 80 to 155 mm and a thickness of 20 to 30 mm. The Mini deck gliders are suitable for boards with a width of 90 mm to 100 mm and a minimum board thickness of 20* mm.

*If the 4,2 x 22 mm Thermofix screw is used



USING DECK GLIDERS



Fix the deck gliders to the underside of the boards, paying attention to the deck glider marking.



Slide the deck gliders under the boards in front. Use a spacer to achieve the perfect joint.



Fix the deck gliders into the substructure from above.

DECKING MULTI ANGLES / STARTERCLIP

Hidden screwing of start/end deck boards

Decking multi angles





Art. no.	Material	PU*
975584	Hard plastic	10
*40 system screws are included in the scope of d	livery.	

Decking multi angles enable a clean and hidden conclusion when deck boards are laid.

ADVANTAGES

- Indirect/concealed fastening solution for edging
- Supports design-based wood preservation thanks to approx. 10 mm board distance from substructure.
- Weather-resistant



If you would like to fix the start/end decking without a visible screw, use the decking multi angle or the StarterClip.

StarterClip





Art. no.	Material	PU*
975591	Hard plastic	10

*40 system screws are included in the scope of delivery.

If decking multi angles cannot be used, e.g. because they cannot be screwed in from one side (house wall or brickwork), Eurotec has developed the StarterClip, which is the ideal solution in situations like this.

ADVANTAGES

- Indirect/concealed fastening solution for edging
- Supports design-based wood preservation thanks to approx. 10 mm board distance from substructure.
- Weather-resistant

USING THE STARTERCLIP



Fix element 2 of the StarterClip to the top of the terrace substructure.



Fix element 1 of the StarterClip to the bottom of the terrace decking board.



Insert element 1 into element 2. The terrace decking board is now fixed to the substructure.



Done.

SNAP-IN FASTENER

Hidden screwing of start/end deck boards

The Eurotec snap-in fastener is **used for the installation of start or end floorboards** on a terrace with concealed screw connections. **The fastener con**sists of two parts: the plug and the socket. The socket can be attached to the side of the substructure using the screws supplied. The snap-in function of the fastener covers a wide range of substructure assembly heights. **All concealed Eurotec fastening solutions can be used to install the remaining floorboards.**

Snap-in fastener





Art. no.	Dimensions [mm] ^{a)}	Material	PU*
975612	50 x 57,8 x 13	PP-C (polypropylene copolymer)	10
°)Lenaht x width x heiaht			

*4 pc. Thermofix screws 4,2 x 17 mm are included in the scope of delivery.

ADVANTAGES

- Quick and easy installation of the start and end floorboards.
- Adjustment range from 19,5 45,5 mm*
- Can be used in combination with both a wooden and an aluminium substructure.
- Both laterally grooved and non-grooved floorboards can be fastened without any problems.

*The adjustment range is calculated from the distance between the upper web of the plug and the attachment point of the clip to the substructure.



Fastening a wooden floorboard to a wooden substructure using the snap-in fastener (R).





The plug is fixed underneath the floorboard and can then be snapped into the socket.

DRILL TOOL 50X

The optimal screw-in aid



The drill tool 50X is a drilling jig for the invisible attachment of decking. Decking boards can only be fastened non-visibly with this tool. Thus, no screw heads are visible on the terrace surface.

The screws are evenly screwed in at a 50 ° angle thanks to the specified fixing points and thus optimally placed. The distance dome on the drill tool 50X automatically ensures a uniform gap distance of 6 mm between the individual planks.

Drill Tool 50X



Attention

You need to ask the manufacturer or supplier whether the board is suitable for this type of attachment.

Art. no.	Dimensions [mm] ^{a)}	PU
499985	87 x 215 x 30	1
^{©)} Height x lenght x width		

ADVANTAGES

- · Quick and easy decking installation
- Ensures a uniform joint pattern
- Fixing points are predefined
- · Accessories for direct/concealed fastening of terrace decking boards

INSTRUCTIONS FOR USE

With the help of the drill tool 50X decking can be non-visibly fixed. For optimal installation without damaging the decking we recommend our 50X deck screw in A2 4,2 mm x 60 mm, 50X long-bit 82 mm TX15 and the 50X step drill 3,3 mm to 4,5 mm.

For decking thicknesses ≤ 21 mm and decking widths of 110 mm - 150 mm





The Drill Tool 50X on a wood panel with the 50X step drill and the 50X decking screw.

50X deck screw
Rost frei stainless steel
50X long-bit 82 mm

Art. no.	Dimensions [mm]	Material	PU
905514	4,2 x 60	Stainless steel A2	250
100250	4,2 x 60	Stainless steel A4	250

Art. no.	Drive	PU
499985-Bit	TX15•	1

50X step drill

Art. no.	Material	PU
499985-Bohrer	Carbide	1

EUROTEC BASICSHOP

Everything at a glance



The Basic Shop is the cost-effective and space-saving alternative for selling the Eurotec 50X drill tool products.

EQUIPPED WITH

- 50X deck screw
- 50X step drill
- 50X long bits
- 50X drill tool

The shelf has the following dimensions:

Height 1750 mm, width 338 mm, depth 500 mm

T-STICK Hidden fastening of deck boards

The T-Stick is inserted between two wood boards and fastened in the board groove with a steel plate. The result is an attractive wood surface without visible screw heads. The board clearance is maintained automatically by the T-Stick. The clearance of 9 mm to the substructure enables good ventilation, and this prevents waterlogging. The service life is therefore affected positively. If Eurotec's installation specifications are complied with, the T-Stick enables the boards to be **adjusted easily** before they are screwed down firmly. After fastening, the boards are absolutely firm. If a board has to be replaced, the system makes this possible even after the deck has been completed.

Schnelle Verlegung

The T-Stick fastening system can be used immediately. Using the StarterClip allows hidden screw connections even for the start and end boards. No pilot drilling is needed.

Once the start board has been laid, the next board is put into position, aligned and fixed. Insert the T-Stick with the plate into the wood board groove, screw the screw in slightly to fix. After fixing the board, you can screw it in place.

Attention

Make sure that your cordless screwdriver's torque is set correctly so that you never over-tighten the screws.

-Stick		6 • 1 • • 1	1.* u		DIIYY	
	Art. no.	Stainless steel	plate ^{**} Ma	terial	PU**	
	111857	A2	Plas	tic, black	12	
	*Stainless steel A4 plate av	ailable on request.				
	**Supplied with a drilling so	rew, which is suitable for wooden an	d aluminium substructures with	a thickness of up to 3 mm.		
т оф	ADVANTAGES					
	• Boards can be ren	 Boards can be replaced easily even 		The T-stick is suitable for planks with the following groove geometry:		
ω / m	after the deck has b		Groove depth, D:	Groove width, W:	Groove wall thickness, T:	
			≥ 7,5 mm	≥ 2,5 mm	≥ 5,5 — 12,5 mm	
19-54	at any time.	 Realigning individual boards is possible at any time. 		Where applicable, the manufacturer/timber supplier must establish whether the timber type is suitable.		
	 When they are fixe a safe and firm sea 					
	MATERIAL DESCRIF		Note Only suitabl	e for dimensionally stable	timbers and WPC.	

The T-Stick comprises a glass fibre reinforced, weather-resistant plastic cross with a stainless steel plate and a stainless steel screw.

There are two design variants:

1)Stainless steel A2 plate for normal external use. 2)Stainless steel A4 plate for chlorous and saline atmospheres (e.g. seawater) and in woods with increased tanning acid content (e.g. Robinia, oak).

USING THE T-STICK





Start with the decking multi angle or StarterClip.



Align and fix the next board, screw down with the T-Stick until all boards are fastened.



The last board can then be fastened with the StarterClip.



This fastening system is suitable exclusively for deck boards with a side groove.

V-CLIP

Hidden fastening of deck boards

V-Clip

- 10 mm

8

Art. no.	Dimensions [mm] ^{a)}	Material	PU*
111885	32,3 x 22,7 x 9,4	Stainless steel A2	250
°)Lenght x width x height			

*Comes supplied with screw Ø 4,2 x 25 mm and 1 Bit/PU

The stainless steel Eurotec V-Clip is suitable for the fastening of asymmetric grooved decking made of dimensionally stable timber types or WPC on timber substructures.

ADVANTAGES

- $\cdot\,$ Indirect/hidden fastening solution
- Compatible with classic substructures made of wood as well as aluminium
- Uniform joint spacing of 7 mm

The V-Clip is suitable for planks with the following groove geometry:			
Groove depth:	Groove width:	Groove wall thickness:	
≥ 8,2 mm	≥ 2,5 mm	≥ 8,0 — 10,0 mm	

Note

Only suitable for the fastening of asymmetric grooved decking made of dimensionally stable timber types or WPC.

Wichtig

Make sure that your cordless screwdriver's torque is set correctly so that you never over-tighten the screws.



USING THE V-CLIP

A WOODEN TERRACE WITHOUT VISIBLE SCREW HEADS!



Position V-Clip and lightly fix with the 4,2 \times 25 mm screw.



Insert additional boards and prepare with a joint of approx. 7mm (measured at the top edge).



Insert additional V-Clips and fix lightly – V-Clips positioned behind can now be tightened. Ensure that the tightening torque is set correctly!

ACCESSORIES FOR **VISIBLE** FASTENING OF TERRACE DECKING BOARDS

FIXING THE DECKING WITH VISIBLE SCREW HEADS

Deck boards can be fastened in different ways, depending on the type of wood. We provide innovative solutions that enable your individual requirements and wishes for fastening your deck boards.

ADVANTAGES

- · Direct/visible fastening solution
- Easy, fast laying of the decking
- Compatible with different Eurotec aluminium system profiles
- Easy replacement of individual decking boards
- Supports constructive timber protection
- Weather-resistant

DISTANCE STRIP 2.0

Visible fastening of deck boards



Substructure: Timber

The wooden decking board substructure is individually suitable for visible or invisible attachments of the decking boards. Distance strip 2.0 is very well suited for visible attachments of decking boards. It works as a spacer and allows freedom of movement between panel and substructure. At the same time, it benefits the air circulation. Standard wood screws, such as Terrassotec screws, are used for the screw connection of a wood substructure. Distance strip 2.0 reduces the risk of sheared off screws.

Distance strip 2.0



Art. no.	Dimensions [mm] ^{a)}	Material	PU*
944803	7 x 30 x 700	Hard plastic	50
^{o)} Height x width x lenght			
*Screws are not included. Fastening with Terrassotec scr	ews Ø 4 mm.		

Distance strip 2.0 is attached and fixed with Terrassotec screws Ø 4 mm in the holes provided (5 Terrassotec screws are required for one Distance strip 2.0). Distance strip 2.0 is 70 cm long.

Attention Hardwoods/tropical woods should always be pilot-drilled!



Distance strip 2.0 on a timber structure

Distance strip 2.0 reduces the risk of sheared off screws

Distance strip 2.0 is made of hard plastic and is intended to prevent the stainless steel screws from shearing off. The shearing is caused by the swelling and shrinking of the wood, the so-called working of the wood. This working of the wood is especially pronounced in the transverse direction of the boards. The wood "wants" to take the screw with it, while the lower part of the screw is still firmly seated in the substructure. Since hard and tropical wood is very hard due to its very high density, the screw does not have a chance of pressing into the wood if the wood is working. If the screw breaks off due to this stress, this is called shearing off. Distance strip 2.0 was developed in order to prevent stainless steel

screws from shearing off. It creates a freedom of movement of 7 mm between substructure and decking boards, which gives the stainless steel screws the opportunity to move together with the wood.

What does "shearing off" mean?

A screw can shear off (tear off) when it does not have enough freedom of movement while the wood is swelling and shrinking. With the help of Distance strip 2.0, a distance of 7 mm is achieved between the board and substructure, which allows the screws to adjust to the movements of the wood. In this way, shearing off is prevented.



PROFILE DRILLING SCREW / WING-TIPPED PROFILE DRILLING SCREW

For visible fastening of deck boards

Suitable for Eurotec aluminium profiles, aluminium system profile EVO, EVO Light, HKP support profile and aluminium function strip.

Profile drilling screw

Hardened stainless steel



Profile drilling screw Stainless steel A4



Wing-tipped profile drilling screw Hardened stainless steel



Art. no.	Dimensions [mm]	Drive	Board thickness [mm]	PU
905553	5,5 x 41	TX25 •	16 - 20	200
905559	5,5 x 46	TX25 •	21 – 25	200
905562	5,5 x 51	TX25 •	26 - 30	200
975797	5,5 x 56	TX25 •	30 — 36	200
905560	5,5 x 61	TX25 •	36 - 40	200
ADVANTAGES	/ PROPERTIES			

Limited resistance to acid

- 10 years experience without corrosion problems with suitable woods
- Not suitable for woods containing high amounts of tanning agents, such as cumarú, oak, merbau, robinia, etc.
- Not suitable for use in chlorous atmospheres
- Stainless steel in accordance with DIN 10088

Art. no.	Dimensions [mm]	Drive	Board thickness [mm]	PU
905571	5,5 x 41	TX25 •	16 - 20	200
905563	5,5 x 46	TX25 •	21 – 25	200
905564	5,5 x 51	TX25 •	26 – 30	200
975798	5,5 x 56	TX25 •	30 – 36	200
905565	5,5 x 61	TX25 •	36 – 40	200

Note

The board should always be pilot-drilled

Suitable for this:

drilling screw Art. no.: 945606

Drill-Stop for Profile

PU

200

200

200

to a diameter of 5,5 mm.

ADVANTAGES / PROPERTIES

- Limited resistance to acid
- Suitable for use with woods containing tanning agents such as cumarú, oak, merbau, robinia, etc.
- Geeignet für salzhaltige Atmosphären
- Not suitable for use in chlorous atmospheres

Art. no.	Dimensions [mm]	Drive
905568	5,0 x 55	TX20 •
905569	5,0 x 60	TX20 •
905570	5,0 x 70	TX20 •

ADVANTAGES / PROPERTIES

- Limited resistance to acid
- 10 years experience without corrosion problems with suitable woods
- Not suitable for woods containing high amounts of tanning agents, such as cumaru, oak, merbau, robinia, etc.
- $\cdot\,$ Not suitable for use in chlorous atmospheres
- Stainless steel in accordance with DIN 10088
- Screws in quickly without pilot drilling



Please refer to the information we provide on "Selecting screw steels" (p. 20), as not all timber types should be installed with hardened stainless-steel screws.

Board thickness [mm]

20 - 25

26 - 30

35 - 40



Suitable for this:

drilling screw Art. no.: 945606

Drill-Stop for Profile

TERRASSOTEC TRILOBULAR / TERRASSOTEC / TRI-DECK-TEC



ADVANTAGES OF TERRASSOTEC TRILOBULAR

Special screw geometry

- · Drive thread ensures quick screwing
- · Reinforced shank reduces risk of breaking or shearing off
- · Under-head thread provides additional hold for deck boards

Trilobular base geometry

- Reduced installation torque
- · Reduced risk of screw breaking during screwing



Two-step head with under-head toothing

- Reduced splintering
- Reduced risk of timber splitting



Reinforced shank

- Suitable for many tropical woods
- Reduced risk of screw shearing off

ADVANTAGES OF TERRASSOTEC

- Reduced splintering through special head
- · With self-milling ribs for sinking easily in all wood types
- The screw geometry reduces the danger of splitting, but pilot drilling is recommended in particular for hardwoods and in deck and façade construction!

Check the information from the board manufacturer.



Eurotec | Screws for terrace construction

CE

TERRASSOTEC TRILOBULAR



Terrassotec Trilobular Hardened stainless steel



Art. no.	Dimensions [mm]	Drive	PU
905530	5,5 x 50	TX25 •	200
905529	5,5 x 60	TX25 •	200
905531	5,5 x 70	TX25 •	200
905538	5,5 x 80	TX25 •	200
905545	5,5 x 90	TX25 •	200
905546	5,5 x 100	TX25 •	200
905549*	5,5 x 120	TX25 •	200
905530-EIMER	5,5 x 50	TX25 •	500
905529-EIMER	5,5 x 60	TX25 •	500
905531-EIMER	5,5 x 70	TX25 •	500
905538-EIMER	5,5 x 80	TX25 •	500
905545-EIMER	5,5 x 90	TX25 •	500
905546-EIMER	5,5 x 100	TX25 •	500
*Also used to fasten 3D façades.			

ADVANTAGES / PROPERTIES

• Limited resistance to acid

- 10 years experience without corrosion problems with suitable woods
- Not suitable for woods containing high amounts of tanning agents, such as cumaru, oak, merbau, robinia, etc.
- Not suitable for use in chlorous atmospheres
- Stainless steel in accordance with DIN 10088

Terrassotec Trilobular Stainless steel A2



E

Art. no.	Dimensions [mm]	Drive	PU
905539	5,5 x 50	TX25 •	200
905540	5,5 x 60	TX25 •	200
905541	5,5 x 70	TX25 •	200
905542	5,5 x 80	TX25 •	200
905539-EIMER	5,5 x 50	TX25 •	500
905540-EIMER	5,5 x 60	TX25 •	500
905541-EIMER	5,5 x 70	TX25 •	500
905542-EIMER	5,5 x 80	TX25 •	500

ADVANTAGES / PROPERTIES

• Limited resistance to acid, relatively soft

• Not suitable for use in chlorous atmospheres

TERRASSOTEC TRILOBULAR, TERRASSOTEC

E



Terrassotec Trilobular Stainless steel A4



Art. no.	Dimensions [mm]	Drive	PU
905555	5,5 x 50	TX25 •	100
905556	5,5 x 60	TX25 •	100
905557	5,5 x 70	TX25 •	100
905558	5,5 x 80	TX25 •	100
905547*	5,5 x 90	TX25 •	100
905548	5,5 x 100	TX25 •	100
905555-EIMER	5,5 x 50	TX25 •	500
905556-EIMER	5,5 x 60	TX25 •	500
905557-EIMER	5,5 x 70	TX25 •	500
905558-EIMER	5,5 x 80	TX25 •	500

*The previous version will continue to be supplied until the switchover is complete.

ADVANTAGES / PROPERTIES

- Limited resistance to acid
- Suitable for use with woods containing tanning agents such as cumarú, oak, merbau, robinia, etc.
- Suitable for saline atmospheres
- Not suitable for use in chlorous atmospheres



ON REQUEST, SCREW HEADS CAN BE PAINTED IN RAL COLOURS.

Terrassotec Trilobular Hardened stainless steel, antique



Art. no.	Dimensions [mm]	Drive	PU
B905530	5,5 x 50	TX25 •	200
B905529	5,5 x 60	TX25 •	200
B905531	5,5 x 70	TX25 •	200

ADVANTAGES / PROPERTIES

- Limited resistance to acid
- 10 years experience without corrosion problems with suitable woods
- Not suitable for woods containing high amounts of tanning agents, such as cumarú, oak, merbau, robinia, etc.
- Not suitable for use in chlorous atmospheres
- Stainless steel in accordance with DIN 10088

Eurotec | Screws for terrace construction

Terrassotec Hardened stainless steel





Art. no.	Dimensions [mm]	Drive	PU
905535	4,0 x 40	TX15•	500
905536	4,0 x 50	TX15•	500
905537	4,0 x 60	TX15 •	500
945811	4,5 x 40	TX20 -	200
905528	4,5 x 45	TX20 🗢	200
905520	4,5 x 50	TX20 😑	200
905521	4,5 x 60	TX20 🗢	200
905522	4,5 x 70	TX20 😑	200
905527	5,0 x 45	TX25 •	200
905523	5,0 x 50	TX25 •	200
905524	5,0 x 60	TX25 •	200
905525	5,0 x 70	TX25 •	200
905526	5,0 x 80	TX25 •	200
905544	5,0 x 90	TX25 •	200
905543	5,0 x 100	TX25 •	200
905520-EIMER	4,5 x 50	TX20 😑	500
905523-EIMER	5,0 x 50	TX25 •	500
905524-EIMER	5,0 x 60	TX25 •	500
905525-EIMER	5,0 x 70	TX25 •	500
905526-EIMER	5,0 x 80	TX25 •	500

ADVANTAGES / PROPERTIES

• Limited resistance to acid

- · 10 years experience without corrosion problems with suitable woods
- · Not suitable for woods containing high amounts of tanning agents, such as cumarú, oak, merbau, robinia, etc.
- Not suitable for use in chlorous atmospheres
- Stainless steel in accordance with DIN 10088
- 50% greater breaking torque than A2 and A4
- Magnetizable



ON REQUEST, SCREW HEADS CAN BE PAINTED IN RAL COLOURS.

Terrassotec screws Sales unit in bucket with 500 pieces 500 SI 0 6) Incl. Drill-Stop Incl. TX25 Bit

PRACTICAL: Here's everything you need!



With coloured screw heads for WPC decking. Available on request.





Tri-Deck-Tec Hardened stainless steel



Art. no.	Dimensions [mm]	Colour	Drive	PU
905809	5,0 x 65	Blank	TX20 🗢	200
BR905809-EIMER	5,0 x 65	Brown / NCS S 7010-Y50R	TX20 🗢	250*
C905809-EIMER	5,0 x 65	Charcoal / NCS 8000-N matt	TX20 🗢	250*
CR905809-EIMER	5,0 x 65	Cream / NCS 3010-Y30R matt	TX20 🗢	250*
GR905809-EIMER	5,0 x 65	Grey / NCS S5500-N matt	TX20 🗢	250*
OAK905809-EIMER	5,0 x 65	Oak / NCS S2050-Y30R matt	TX20 🗢	250*
RW905809-EIMER	5,0 x 65	Redwood / NCS 5030-Y50R matt	TX20 🗢	250*
*Supplied in a bucket incl.	ECO drill stop and bit TX20.			

ADVANTAGES / PROPERTIES

- Reduced risk of timber splitting
- Drive thread ensures quick screwing
- Under-head thread provides additional hold for deck boards
- · Reduced splintering through special head
- Reduction of screw torque due to trilobular basic geometry
- Reduction of the risk of tearing off the screw when screwing through trilobular basic geometry



ON REQUEST, SCREW HEADS CAN BE PAINTED IN RAL COLOURS.

EXPERT HINTS for the construction of

wooden terraces

WOOD DECK = PILOT-DRILLING

When building a wood deck using premium woods pilot-drilling and precounterboring is recommended in

all circumstances. This applies to soft coniferous wood as well as to hardwood.

Drill-Stop for: Terrassotec Ø 5 und 5,5 mm Tri-Deck-Tec Ø 5 mm Hapatec Ø 5 mm

Hapatec Heli



NO SPLINTERING, NO SHEARING!

Ø5 mm

By pre-drilling with the Drill-Stop and the especially developed head-shape of the Terrassotec and Tri-Deck-Tec screws, the risk of splintering is greatly reduced.



The screws can be prevented from shearing thought the use of the Distance strip 2.0.



Splintering



Pilot-drilling + Terrassotec screw

EUROTEC BASICSHOP

Everything at a glance

The Basic Shop is the cost-effective and space-saving alternative for selling the Eurotec Terrassotec trilobular with painted screw heads.

The shelf has the following dimensions:

Height 1750 mm, width 338 mm, depth 500 mm



HAPATEC

E



Hapatec

Panel fastener hardwood, stainless steel, hardened



Art. no.	Dimensions [mm]	Drive	PU
111803	4,0 x 30	TX15•	500
111810	4,0 x 40	TX15•	500
111821		TX15 •	500
111811	4,0 x 45	TX15•	500
111812	4,0 x 50		500
	4,0 x 60	TX15 •	
904569	4,5 x 45	TX20 •	200
111813	4,5 x 50	TX20 •	200
111814	4,5 x 60	TX20 •	200
111815	4,5 x 70	TX20 •	200
111816	4,5 x 80	TX20 •	200
100048	5,0 x 40	TX25 •	200
100049	5,0 x 45	TX25 •	200
111817	5,0 x 50	TX25 •	200
111818	5,0 x 60	TX25 •	200
111819	5,0 x 70	TX25 •	200
111820	5,0 x 80	TX25 •	200
111888	5,0 x 90	TX25 •	200
111889	5,0 x 100	TX25 •	200
904569-EIMER	4,5 x 45	TX20 <mark>-</mark>	500
111813-EIMER	4,5 x 50	TX20 -	500
111814-EIMER	4,5 x 60	TX20 -	500
111815-EIMER	4,5 x 70	TX20 -	500
111816-EIMER	4,5 x 80	TX20 -	500
100048-EIMER	5,0 x 40	TX25 •	500
111817-EIMER	5,0 x 50	TX25 •	500
111818-EIMER	5,0 x 60	TX25 •	500
111819-EIMER	5,0 x 70	TX25 •	500
111820-EIMER	5,0 x 80	TX25 •	500
	· · · · ·		

ADVANTAGES / PROPERTIES

- Limited resistance to acid
- 10 years experience without corrosion problems with suitable woods
- $\cdot\,$ Not suitable for woods containing high amounts of tanning agents,
- such as cumarú, oak, merbau, robinia, etc.
- Not suitable for use in chlorous atmospheres
- Stainless steel in accordance with DIN 10088
- + 50% greater breaking torque than A2 and A4
- \cdot Magnetizable



Hapatec »antique«

Panel fastener hardwood, stainless steel, hardened



<u>SE</u>	Art. no.	Dimensions [mm]	Drive	PU
ewertung Assessment 0024	B111817	5,0 x 50	TX25 •	200
	B111818	5,0 x 60	TX25 •	200

ADVANTAGES / PROPERTIES

Limited resistance to acid

· 10 years experience without corrosion problems with suitable woods

 Not suitable for woods containing high amounts of tanning agents, such as cumarú, oak, merbau, robinia, etc.

• Not suitable for use in chlorous atmospheres

Stainless steel in accordance with DIN 10088

+ 50 % greater breaking torque than A2 and A4

• Magnetizable

E

Hapatec black

Panel fastener hardwood, stainless steel, hardened, black



Art. no.	Dimensions [mm]	Drive	PU
111802/BLACK	4,0 x 35	TX15•	500
111810/BLACK	4,0 x 40	TX15•	500
111811/BLACK	4,0 x 50	TX15•	500
111812/BLACK	4,0 x 60	TX15•	500
111822/BLACK	4,5 x 40	TX20 🗢	200
904569/BLACK	4,5 x 45	TX20 •	200
111813/BLACK	4,5 x 50	TX20 •	200
111814/BLACK	4,5 x 60	TX20 -	200
111815/BLACK	4,5 x 70	TX20 •	200
111817/BLACK	5,0 x 50	TX25 •	200
111818/BLACK	5,0 x 60	TX25 •	200

ADVANTAGES / PROPERTIES

 $\cdot\;$ For fixing black façade boards

· Milling ribs enable easy countersinking for all types of wood

 $\cdot \,$ The particular screw geometry decreases the risk of

splitting the wood
Hapatec Heli Stainless steel A4



E



Art. no.	Dimensions [mm]	Drive	PU
100059	4,5 x 50	TX20 •	200
100055	4,5 x 60	TX20 •	200
100056	4,5 x 70	TX20 •	200
100057	4,5 x 80	TX20 •	200
100051	5,0 x 50	TX25 •	200
100052	5,0 x 60	TX25 •	200
100053	5,0 x 70	TX25 •	200
100054	5,0 x 80	TX25 •	200
100058	5,0 x 100	TX25 •	200
100051-EIMER	5,0 x 50	TX25 •	500
100052-EIMER	5,0 x 60	TX25 •	500
100053-EIMER	5,0 x 70	TX25 •	500
100054-EIMER	5,0 x 80	TX25 •	500

The special screw geometry reduces the screwing torque. This reduces the danger of the shearing of the relatively soft A4 stainless steel screw.

ADVANTAGES / PROPERTIES

- Limited resistance to acid
- Suitable for use with woods containing tanning agents such as cumarú, oak, merbau, robinia, etc.
- Suitable for saline atmospheres
- Not suitable for use in chlorous atmospheres

Hapatec Heli Stainless steel A2





Art. no.	Dimensions [mm]	Drive	PU
100060	5,0 x 50	TX25 •	200
100062	5,0 x 60	TX25 •	200
100060-EIMER	5,0 x 50	TX25 •	500
100062-EIMER	5,0 x 60	TX25 •	500

ADVANTAGES / PROPERTIES

Limited resistance to acid

• Not suitable for atmospheres containing chlorine

Eurotec | Screws for terrace construction

HOBOTEC



Hobotec screws enable simple, **fast and clean connections of wood to wood.** These screws are used in particular in applications where there is an increased danger of cracking and splitting.

The type of thread and the **innovative drill point** enable a **clean fit** and **high extraction resistance values.**

SPECIALLY SUITABLE FOR

Applications in model construction, stairs construction, façade construction for carpentry work, joinery and roofing. These screws are used in particular in **applications where there is a high**

risk of splitting. E. g. when laying wood floors, wood mouldings, etc.

APPLICATION RANGE FOR SCREWS MADE OF HARDENED STAINLESS STEEL:

- This steel combines the best properties of carbon and stainless steels. Conditionally rust-resistant like an A2 with the high mechanical values of a galvanised steel. Hardened stainless steel is not acid-resistant, which is why it is also not suitable for fastening wood containing tanning agents (e.g. oak).
- Hardened stainless steel can be magnetised
- Stainless steel in accordance with DIN 10088

For further information on possibilities for using hardened stainless steel see p. 20.



Hobotec Hardened stainless steel



F

Art. no.	Dimensions [mm]	Drive	PU
903323	4,0 x 30	TX15 •	500
110299	4,0 x 40	TX15 •	500
110300	4,0 x 45	TX15 •	500
110301	4,0 x 50	TX15 •	500
110302	4,0 x 60	TX15 •	500
110319	4,5 x 40	TX20 •	200
944839	4,5 x 45	TX20 🗢	200
110303	4,5 x 50	TX20 •	200
110304	4,5 x 60	TX20 🗢	200
110305	4,5 x 70	TX20 <mark>-</mark>	200
110306	4,5 x 80	TX20 🗢	200
110307	5,0 x 50	TX25 •	200
110308	5,0 x 60	TX25 •	200
110309	5,0 x 70	TX25 •	200
110310	5,0 x 80	TX25 •	200
110311	5,0 x 90	TX25 •	200
110312	5,0 x 100	TX25 •	200
110313	6,0 x 80	TX25 •	100
110314	6,0 x 90	TX25 •	100
110315	6,0 x 100	TX25 •	100
110316	6,0 x 120	TX25 •	100
110317	6,0 x 140	TX25 •	100
110318	6,0 x 160	TX25 •	100

ADVANTAGES / PROPERTIES

No pilot drilling required

· No cracking or splitting in narrow edge areas

• No hammering of the screws through TX drive

Hobotec ornamental head

Hardened stainless steel



Pos

6



The type of thread and the innovative drill point enable a clean fit and high extraction resistance values. **Particularly** suitable for brittle woods. Not suitable for tannin-rich woods such as cumarú, oak, merbau, robinia, etc.



- Façades
- Façades
 Fences
- Decks

Eurotec | Screws for terrace construction

HOBOTEC



Hobotec ornamental head Steel blue galvanised



Art. no.	Dimensions [mm]	Drive	PU
110287	3,2 x 20	TX100	500
110288	3,2 x 25	TX10 O	500
110289	3,2 x 30	TX10 °	500
110290	3,2 x 35	TX10 °	500
110291	3,2 x 40	TX10 O	500
110292	3,2 x 50	TX10 °	500
110293	3,2 x 60	TX10 O	500
Also available with head pain	ted white		
w110288	3,2 x 25	TX10 °	500
w110289	3,2 x 30	TX10 O	500
w110290	3,2 x 35	TX10 °	500
w110291	3,2 x 40	TX10 O	500
w110292	3,2 x 50	TX10 ·	500
w110293	3,2 x 60	TX10 O	500

Hobotec ornamental head Hardened stainless steel



EN 14593-3

CE	Art. no.	Dimensions [mm]	Drive	PU
008+A1:2012	900782	3,2 x 25	TX10 O	500
	110294	3,2 x 30	TX10 ·	500
	110295	3,2 x 35	TX10 O	500
	110296	3,2 x 40	TX10 ·	500
	110297	3,2 x 50	TX10 O	500
	110298	3,2 x 60	TX10 O	500



Hobotec ornamental head Brass-plated



EN 14992-300

) CE	Art. no.	Dimensions [mm]	Drive	PU
4992:3008+A1:2012	903436	3,2 x 25	TX10 O	500
	903437	3,2 x 30	TX10 O	500
	903438	3,2 x 35	TX10 O	500
	903439	3,2 x 40	TX10 ·	500
	903440	3,2 x 50	TX10 O	500
	903441	3,2 x 60	TX10 ·	500

Hobotec ornamental head Steel yellow galvanised

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Art. no.	Dimensions [mm]	Drive	PU
110280	3,2 x 20	TX10 O	500
110281	3,2 x 25	TX10 O	500
110282	3,2 x 30	TX10 O	500
110283	3,2 x 35	TX10 0	500
110284	3,2 x 40	TX10 O	500
110285	3,2 x 50	TX10 O	500
110286	3,2 x 60	TX10 O	500
944778	4,2 x 70	TX15•	200
944779	4,2 x 80	TX15 •	200

MAMMUTEC





The Mammutec is specially designed for the attachment of stronger wooden flooring with a thickness of up to a maximum of 60 mm. The Mammutec screw can also be used in jetties and piers due to its high corrosion resistance.

Mammutec Stainless steel A4

STAINLESS STEEL

ADVANTAGES

Art. no.

905575

905576

E

A1:2012

Corrosion resistance

• Fixing of wood coverings with a thickness of up to 60 mm

APPLICATION INFORMATION

Pre-drilling and countersinking of 6 mm is absolutely necessary! This gives you space for the shaft. Due to the material thickness, there is always the risk of screw shearing due to shrinkage and swelling of the timber.

Dimensions [mm]

8,0 x 100

8,0 x 120

Drive

TX40 🔹

TX40 •

PU

50

50

This must be observed during assembly.



AIDS FOR LAYING DECKING BOARDS



Bit dispenser box

A practical dispenser box with **100 x TX Long Bits or 50 x Magnet TX Long Bits** in the sizes: TX20, TX25, TX30 or TX40.

The **magnet bits** provide an extremely strong hold and therefore prevent screws from falling. Even long screws remain securely held in place, even in a horizontal position.

The **TX Long Bit** is ideal for use in hard-to-reach places, e.g. deck boards, cladding, etc.

Bit dispense	er box with	n TX Long Bits
--------------	-------------	----------------

Black



Art. no.	Drive	Content	PU
954102	TX20 •	100	1
954103	TX25 •	100	1
954104	TX30 •	100	1
954105	TX40 •	100	1

Bit dispenser box with Magnet TX Long Bits



Art. no.	Drive	Content	PU
954106	TX20 🗢	50	1
954107	TX25 •	50	1
954108	TX30 •	50	1
954109	TX40 •	50	1

Bit holder



Art. no.	Lenght [mm]	PU
500011	66	1
500012	150	1
500013	500	1





Universal Bit-Box For universal applications



Art. no.	Description	PU
945858	• PH 1-1-2-2-3-3	1
	● PZ 1-1-2-2-3-3	
	O Hex 4-4-5-5-6-6	
	O Square 1-1-2-2-3-3	
	O TX 10-10-15-15-20-20-25-25-27-27-30-30	
	⊙ SI-TX 10-10-15-15-20-20-25-25-27-27-30-30	
	1 x quick-change bit holder	

48 bits and 1 quick-change bit holder in a practical box.

Angled screwing attachment For hard-to-reach locations



Art. no.	Description	PU*
499999	Angled screwing attachment	1
*Comes supplied with 1 bit each for TX20, TX25 and TX3	0	
ADVANTAGES / PROPERTIES		
 90° Head angled at 		
Compatible with all standard bits and made	hines	

- Magnetic 1/4" hexagonal bit holder
- 1/4" hexagonal machine inputs
- $\cdot\,$ Handle can be rotated and locked in 30° steps
- $\,\cdot\,$ Suitable for clockwise and anti-clockwise rotation
- Maximum torque: 62 Nm
- Maximum speed of rotation: 2000 U/min

Eurotec | Aids for laying decking boards

Stainless steel Long Bit 1/4" x 50 mm



Art. no.	Drive	Bit	PU
500055	TX10 O	Acres Marches	20
500056	TX15 •	A second and the	20
500057	TX20 🗢	Alexand Annual Sector	20
500058	TX25 •	and a second division in the	20
500059	TX30 •		20

ADVANTAGES

 $\cdot\,$ Protection against the risk of flash rust

• Avoidance of follow-up costs due to flash rust

Magnet TX Long Bit 1/4" x 50 mm



Art. no.	Drive	Bit	PU
499993	TX10 O		5
499994	TX15 •		5
499995	TX20 •		5
499996	TX25 •		5
499997	TX30 •		5
499998	TX40 •	e-mail-	5

The magnet bits from Eurotec provide an extremely strong hold and therefore prevent screws from falling. Even long screws remain securely in place, and even in a horizontal position.

ADVANTAGES

• Extremely strong hold in every position

No falling screws

Magnet Bit Set



Art. no.	Drive	PU
499992	TX10 ° / TX15 • / TX20 • / TX25 • / TX30 • / TX40 •	6

12in1 ratchet screwdriver

6 sizes in a blister pack.



Art. no.	Dimensions [mm] ^{a)}	Weight [g]	PU
800490	250 x 35	265	1
^{o)} Lenght x width			

ADVANTAGES

Ratchet function - saves having to regripping

• 12 bits in the extendible clip

• Ergonomic and non-slip handle

Aids for laying decking boards | Eurotec

TX Bit 1/4" x 25 mm



Art. no.	Drive	Bit	PU
Lenght: 25 mm			
945851	TX10 °		10
945852	TX15•		10
945853	TX20 •		10
945854	TX25 •		10
945855	TX30 •		10
945856	TX40 •		10

TX Long Bit 1/4" x 50 mm



Art. no.	Drive	Bit	PU
Lenght: 50 mm			
954666	TX10 °		20
945975	TX15 •		20
945976	TX20 •		20
945977	TX25 •		20
945978	TX30 •		20
945979	TX40 •		20
954658	TX50 •		10

The long bit is suitable for use in hard-to-reach places, such as terrace boards, cladding and so on. It is suitable for use with common electric / battery-powered screwdrivers and can thus be used directly or with an adapter. The long bit can be used for relatively inaccessible connections such as two wooden boards. Fixing is an absolute doddle, and no damage is caused to the boards by a drill chuck.

ADVANTAGES

 \cdot A firm hold in any position!

Quick-change bit holder

Tip: Simply connect 6 long bit

packages (each containing 20 bits of one size) and you'll have a handy storage box.

Can be used for all 1/4" bits of any length



Art. no.	Description	PU*
945850	Quick-change bit holder	1
*Bit supplied separately		

Eurotec's bit holder is an ideal auxiliary tool for any craftsman. Once the bit is inserted into the bit holder, it no longer falls out by itself.

Eurotec | Aids for laying decking boards





Art. no.	Dimensions [mm]	Material	PU
945381	42 x 22	Plastic, black	25

With this spacer, 4 different joint dimensions can be set when laying the boards (4, 5, 6 und 8 mm).



Tenax spacer



Art. no.	Dimensions [mm]	Material	PU
945968	11 x 30 x 86	Plastic, black	300

If deck boards are to be screwed directly, ie visibly, the Tenax serves as a spacer to the underlay to prevent waterlogging in the joint. By placing the boards on top, the joint gap of 6 mm and the clearance to the substructure are set.

ADVANTAGES

- Optimum back ventilation
- Optimum clearance



Example of application Tenax spacer

Tension clamp Incl. detachable plastic jaws



Art. no.	Dimensions [mm]	Material	PU
945380	270 x 830 x 55	Hard plastic/steel	1

The tension clamp is an essential aid for laying deck boards. Use at least 4 tension clamps to bring the boards into shape along their whole length. Along with the spacers, for example, this achieves an even joint pattern with straight deck boards.



Example of application tension clamp

Aids for laying decking boards | Eurotec

Drill-Stop

Countersinking for deck screws



For Terrassotec Ø 5 und 5,5 mm, Hapatec Ø 5 mm and Hapatec Heli Ø 5 mm.

Art. no).	Dimensions [mm] ^{a)}	Material	Stopper collar	PU
945986		Ø 4,7 x 25	Hard plastic/steel	Orange	1

^{o)}Drilling diameter x drilling depth

Pilot drilling is strongly recommended for fastening tropical woods/hardwoods. This is advisable even with the relatively easily splittable Douglas fir, and when screwing close to wood cut against the grain.

ADVANTAGES / PROPERTIES

- $\boldsymbol{\cdot}$ Boring and countersinking in a single pass
- Screwing torque for inserting Terrassotec and Hapatec screws is greatly reduced,
 i. e. no more shearing of the screws, above all with the combination hardwood/stainless steel A2 or A4.
- Perfect seat of the screw head



Drill-Stop for Profile drilling screw Countersinking for Profile drilling screw





Art. no.	Dimensions [mm] ^{a)}	Material	Stopper collar	PU
945606	Ø 5,6 x 26	Hard plastic/steel	Blau	1
^{o)} Drilling diameter x	drilling depth			

Pilot drilling is strongly recommended for fastening tropical woods/hardwoods. This is advisable both for Douglas fir, which is relatively easy to split, and when screwing close to wood cut against the end grain.

ADVANTAGES / PROPERTIES

- $\boldsymbol{\cdot}$ Boring and countersinking in a single pass
- The screwing-in torque for inserting profile drilling screws is greatly reduced, i. e. no more screw shearing, particularly when combining hardwood and A2 or A4 stainless steel.
- Perfect seat of the screw head
- Optimised for the Eurotec 5,5 mm profile drilling screw



Screw Stop

Screw coupling with depth stopper



Art. no.	Dimensions [mm]	Material	PU*
500000	61,5 – 70 ; Ø 24	Hard plastic/steel	1

*Incl. TX25 Bit. The bit is locked in place by a lock washer and can be changed by using a pincer.

The Screw Stop is the ideal solution for driving screws to an even depth into the wood. In this way, your deck will be given an attractive, even surface pattern. You adjust the required screwing depth with the infinitely adjustable depth stopper. When this is reached, the drive uncouples and the screw stops. You do not have to start again to adjust the seat of the screw head.

ACCESSORIES FOR WOODEN FAÇADES



FAÇADECLIP

For hidden fastening of façade wood

Façadeclip

Black, electrogalvanised



Art. no.	Dimensions [mm] ^{a)}	Туре	PU*
946010	5,5 x 115 x 15	F115 x 17	300
946012	5,5 x 115 x 15	F115 x 22	300
946013	5,5 x 115 x 15	F115 x 28	300
946014	5,5 x 130 x 15	F130 x 17	300
946015	5,5 x 130 x 15	F130 x 22	300
946016	5,5 x 130 x 15	F130 x 28	300
946017	5,5 x 145 x 15	F145 x 17	300
946018	5,5 x 145 x 15	F145 x 22	300
946019	5,5 x 145 x 15	F145 x 28	300
^{©)} Height x length x width *Screws are included with this product			

ADVANTAGES / PROPERTIES

- For façade timbers with a profile height of 57 – 95 mm
- Hidden fastening
- Perfect constructive timber protection
- Ventilated façade system with spaced installation
- The façade timber's surface that is exposed to the weather remains undamaged
- Efficient and easy installation



TECHNICAL DATA

Eurotec Façadeclip			Dimensions façade profile		Joint clearance between façade profiles		Quantity required Façade clips per m² Example				
		Dime	ensions [mm]	minmax. height	min. strength	Assembly screw Length L	Fixing screw in hole A	Fixing screw in hole B	min. profile height	max. profile height
Art. no.	Туре	H	L	W	[mm]	[mm]	[mm]	[mm]	[mm]	Pieces	Pieces
946010	F115 x 17	5,5	115	15	57 - 68	19	17	10	variable	28	24
946012	F115 x 22	5,5	115	15	57 — 68	24	22	10	variable	28	24
946013	F115 x 28	5,5	115	15	57 - 68	30	28	10	variable	28	24
946014	F130 x 17	5,5	130	15	68 - 80	19	17	10	variable	24	20
946015	F130 x 22	5,5	130	15	68 — 80	24	22	10	variable	24	20
946016	F130 x 28	5,5	130	15	68 — 80	30	28	10	variable	24	20
946017	F145 x 17	5,5	145	15	80 — 95	19	17	10	variable	20	18
946018	F145 x 22	5,5	145	15	80 — 95	24	22	10	variable	20	18
946019	F145 x 28	5,5	145	15	80 — 95	30	28	10	variable	20	18
with	Fastened to su 4,5 x 29 mm fixing		drill point			Formula for determining quantity (1000 mm/substructure distance) x (1000 mm/bottom edge clearance) = pieces/m²			600 mm substructure clearance 10 mm joint clearance		

Please note: Before any work is carried out, all calculations must be checked and released by the responsible planner! For more information on this visit our homepage: www.eurotec.team/en

USING THE FAÇADECLIP











Easy installation

- Place Façadeclip on the back with stopper and insert assembly screws.
- **2** Repeat on all façade boards displaced.
- **3** Screw the façade wood to the counter-lathe with fixing screw.
- A Simply insert the next façade wood and screw on the top only with fixing screw.
- **5** The joint clearance is set automatically by the screw head of the fixing screw, that's it!

Each Façadeclip comes supplied with one $4,5 \times 29$ mm fixing screw with a drill point and two $4,2 \times L$ assembly screws.

Hole A



FAÇADECLIP FOR RHOMBUS PROFILES

For use with the most common façade profiles

Façadeclip for Rhombus profiles

System consisting of a Façadeclip Rhombus Starter and a Façadeclip Rhombus



Art. no.	Description	Dimensions [mm] ^{a)}	Material	PU*
944917-50	Façadeclip Rhombus	15,20 x 54,5 x 29,5	Galvanised steel	50
944917-200	Façadeclip Rhombus	15,20 x 54,5 x 29,5	Galvanised steel	200
944918	Façadeclip Rhombus Starter	15,25 x 29,5 x 36,0	Galvanised steel	25
®Height x length x width *Incl. screws				

Using the clip creates a joint dimension of 6 mm. The clip was designed so that it does not rest flat on the substructure, instead it elevates the boards by 4 mm from the substructure. The constructional wood protection allows for rear ventilation of the façade, which is not the case with any of the usual products. Rear ventilation results in better drying when the façade is exposed to rain, and water can run off between the clip and substructure. The constructional measures increase the façade's service life.

ADVANTAGES / PROPERTIES

- Optimised rear ventilation by constructive timber protection Exclusive to Eurotec!
- Creates a distance between rhombus profile and substructure

 → effectively supports design-based wood preservation
- Invisible fastening
- · Formation of fixed points and sliding points
- Easy installation
- Weather-resistant



TECHNICAL DATA:



In the case of vertical installation, the following points must be observed when when using the Façadeclip Rhombus Starter. We recommend making a 15° undercut for forming a drip edge in the rhombus profile. The Façadeclip Rhombus Starter fits perfectly with a 4 mm wide groove slit in the wood profile (see detail A).

Dimensions								
Variant	Height H [mm]	Width W [mm]						
Variants 1	70	21						
Variants 2	75	24						



PROPERTIES RHOMBUS PROFILES

- Dimensional stability must be provided for wood
- $\cdot \,$ Low to moderate gross density
- Low swelling and shrinkage
- Suitable for wood that is low in tannin







CONIFEROUS WOODS*





Thermo Pine





Thermo Ash

*Other wood can also be used, but please ask your wood supplier.







FAÇADE FIXING SCREW ZK

For the non-visible attachment of rhombus profiles

Façade fixing screw ZK

Ornamental head, hardened stainless steel



Art. no.	Dimensions [mm]	Drive	PU
905577	5,5 x 40	TX25 •	200
905578	5,5 x 45	TX25 •	200
905579	5,5 x 50	TX25 •	200
905580	5,5 x 55	TX25 •	200
905581	5,5 x 60	TX25 •	200
905582	5,5 x 70	TX25 •	200
905583	5,5 x 80	TX25 •	200
905585	5,5 x 90	TX25 •	200
905584	5,5 x 100	TX25 •	200

ADVANTAGES / PROPERTIES

- Non-visible attachment
- Milling ribs enable easy countersinking for all types of wood
- Short thread for compact bolting to the substructure and the rhombus profile
- Corrosion-resistant up to and including service class 3 - "freely exposed constructions" according to DIN EN 1995 (Eurocode 5)
- The particular screw geometry decreases the risk of splitting the wood. Pre-drilling, however, is strongly recommended, in particular for hardwoods used for the façade construction!







WOOD CONNECTORS AND FITTINGS

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PEDIX POST FEET

Quick to assemble, with an especially high load-bearing capacity



WHAT CAN IT BE USED FOR?

- For anchoring wooden posts of wooden structures onto concrete foundations
- · Carports, canopies, patio roofs

ADVANTAGES

- Easy assembly without milling
- Subsequently adjustable in height up to 50, 100 and 150 mm
- The PediX 300 + 150 and the PediX 300 + 150 HV enable the increased demands on constructive wood preservation according to DIN 68800-2
- High load capacity according to ETA 13/0550
- · Additional constructive timber protection thanks to gasket on end grain
- Min. timber cross section of 100 x 100 mm
- Hot-dip galvanised structural steel S235JR (ST37-2)
- Meets the requirements of constructive wood preservation, thus increasing the longevity of the wood construction (protection against splashing water)

INSTALLATION

- Simple assembly with fully threaded screws and no need for joinery work, pilot-drilling or milling
- · Comes supplied with 12 fully threaded A2 screws measuring 5,0 x 80 mm

Suitable for this: Rock concrete screw hexagonal BIM A2 10,5 x 95 mm Art. no.: 110355





PEDIX POST FEET

Technical data



N	ame	Art. no.	Height adjustment in assembled state	Min. post cross section	Dimensions of baseplate	Compressive loadbearing capacity	Tensile loadbearing capacity	Lateral force resistance ¹⁾	PU
Post feet	on concrete		[mm]	[mm]	H x L x W [mm]	N _{c,d} [kN]	N _{t,d} [kN]	V _{r,d} [kN]	pcs.
PediX 140+50	T	904681	140 - 190	100 x 100	8 x 160 x 100	48,0	9,2	-	4
PediX 190+100	Ĵ.	904682	190 - 290	100 x 100	8 x 160 x 100	30,9	9,2	-	4
PediX 300+150		904689	300 – 450	100 x 100	8 x 160 x 100	16,2	9,2	-	4
PediX 140+50 HV	Ĩ,	904681-HV	140 - 190	100 x 100	8 x 160 x 100	48,0	9,2	3,5	4
PediX 190+100 HV	Ţ	904682-HV	190 - 290	100 x 100	8 x 160 x 100	35,4	9,2	2,9	4
PediX 300+150 HV		904689-HV	300 – 450	100 x 100	8 x 160 x 100	34,5	8,6	2,3	4
Post feet	in concrete		Height adjustability [mm]	[mm]	H x L x W [mm]	N _{c,d} [kN]	N _{t,d} [kN]	V _{R,d} [kN]	pcs.
PediX B500		904683	-	100 x 100	-	49,0	24	4,6	4
PediX B500+50		904686	50	100 x 100	-	44,9	23	-	4

¹⁷The lateral force resistance must be overlaid with the compressive and tensile load in accordance with ETA-13-/0550 and can therefore lead to lower load-bearing capacities. Please note: The stated values are only intended as planning aids. They are subject to typographical and printing errors. Projects must only be calculated by authorised persons.

Installation instructions: You will find more-detailed information in our installation instructions







The PediX post foot can be attached easily to the end grain. Place the seal on the support foot and then place both parts centrally on the end grain surface. Note: To make assembly easier, the base plate and the cover sleeve can be unscrewed.

After centring the head plate, screw in the 12 A2 full-thread 5,0 x 80 mm screws at an angle of 25° without base plate.

The protective sleeve and the pillot drilling can be reinstalled after all screws are fitted. After the post is erected with the post foot installed, it can be anchored on a concrete foundation with two or four cavity-wall ties or concrete bolts. Once the foot is installed on the socket, its height can be adjusted using an AF30 spanner.

PEDIX EASY 135+65/200+100

Horizontal loads can be supported additionally



The PediX Easy 135+65 and PediX Easy 200+100 are post supports for lightweight timber structures that meet structural wood preservation requirements. They can be assembled on the end grain without any need for additional joinery work or pilot drilling using fully threaded screws. Following assembly, the height of the support pedestals can still be adjusted by 65 mm or 100 mm. Thanks to the height adjustment, manufacturing tolerances relating to the structure and subsequent settlement in the individual foundations can be balanced out. The PediX Easy 135+65 and PediX Easy 200+100 can also absorb horizontal loads. The pedestal's durability is guaranteed by a zinc/nickel coating.

PediX Easy 135+65/200+100



Art. no.	Name	Dimensions of baseplate [mm]ª)	Height adjustment in assembled state	PU*
904678	PediX Easy 135+65	160 x 100 x 6	135 – 200	4
904684	PediX Easy 200+100	160 x 100 x 6	200 - 300	4

ªLength x width x height

*Delivery incl. twelve A2 fully threaded screws (Ø 5,0 x 80 mm) per post support.

ADVANTAGES / PROPERTIES

- Simple assembly with fully threaded screws and no need for joinery work, pilot-drilling or milling
- + Min. timber cross section of 100 x 100 mm
- · Can be used in the usage classes 1, 2 and 3 in accordance with DIN EN 1995-1-1
- · Horizontal loads can be supported additionally

Name	Art. no.	Height adjustment in assembled state	Dimensions of baseplate	Compressive loadbearing capacity	Tensile loadbearing capacity	Lateral force resistance ¹⁾	PU
Post feet on concrete		[mm]	H x L x W [mm]	N _{c,d} [kN]	N _{t,d} [kN]	V _{R,d} [kN]	pcs.
PediX Easy 135+65	904678	135 — 200	6 x 160 x 80	15,1	5,0	1,1	4
PediX Easy 200+100	904684	200 — 300	6 x 160 x 80	12,7	5,0	0,75	4

Please note: The stated values are only intended as planning aids. They are subject to typographical and printing errors. Projects must only be calculated by authorised persons. ¹The lateral force resistance must be overlaid with the compressive and tensile load in accordance with ETA-13-/0550 and can therefore lead to lower load-bearing capacities.





Design-based wood preservation in a carport with PediX Easy

PEDIX DUO 150+45/190+80

Easy to install thanks to bayonet lock



The PediX Duo 150+45 and PediX Duo 190+80 are post supports for lightweight timber structures that meet structural wood preservation requirements. The pedestals' durability is guaranteed by a zinc/nickel coating. The post supports can be assembled on the support's end grain without any need for additional joinery work or pilot drilling using fully threaded screws. The bayonet lock permits extremely easy assembly of the top part with the assembled support and the anchored bottom part. The connection is locked by plugging in and pulling up the lock. The connection established in this way can even transfer tensile forces from the support to the foundation. Following assembly, the height of the support pedestal can still be adjusted by 45 mm or 80 mm.

PediX Duo 150+45/190+80



Art. no.	Name	Dimensions of baseplate [mm]º)	Height adjustment in assembled state	PU*
904679	PediX Duo 150+45	160 x 100 x 8	150 - 195	4
904680	PediX Duo 190+80	160 x 100 x 8	190 - 270	4

^{o)}Length x width x height

*Delivery incl. twelve A2 fully threaded screws (Ø 5,0 x 80 mm) per post support.

ADVANTAGES / PROPERTIES

- Simple assembly with fully threaded screws and no need for joinery work, pilot-drilling or milling
- The bayonet lock makes assembling the support pedestal and the structure extremely easy
- Two-part structure
- Min. timber cross section of 100 x 100 mm
- Can be used in the usage classes 1, 2 and 3
 in accordance with DIN EN 1995-1-1



Name	Art. no.	Height adjustment in assembled state	Dimensions of baseplate	Compressive loadbearing capacity	Tensile loadbearing capacity	Lateral force resistance ¹⁾	PU
Post feet on concrete		[mm]	H x L x W [mm]	N _{c,d} [kN]	N _{t,d} [kN]	V _{R,d} [kN]	pcs.
PediX Duo 150+45	904679	150 — 195	8 x 160 x 100	16,2	9,2	1,1	4
PediX Duo 190+80	904680	190 – 270	8 x 160 x 100	16,2	9,2	0,75	4

Please note: The stated values are only intended as planning aids. They are subject to typographical and printing errors. Projects must only be calculated by authorised persons. ¹⁰The lateral force resistance must be overlaid with the compressive and tensile load in accordance with ETA-13-/0550 and can therefore lead to lower load-bearing capacities.







The bayonet lock simplifies the overall assembly of the carport.

H POST ANCHOR, FENCE POST CONNECTION SCREW, POST CAP, HAMMER-IN GROUND SOCKETS

H post anchor

Hot-dip galvanised steel



Fork width [mm]	Dimensions ^{a)} Overall/Post support [mm]	Drill holes ⁶⁾ Post support [mm]	PU
91	600 x 60 / 300	4 x 11	1
101	600 x 60 / 300	4 x 11	1
121	600 x 60 / 300	4 x 11	1
141	600 x 60 / 300	4 x 11	1
161	800 x 60 / 400	4 x 11	1
	91 101 121 141	Fork width [mm] Overall/Post support [mm] 91 600 x 60 / 300 101 600 x 60 / 300 121 600 x 60 / 300 141 600 x 60 / 300	Fork width [mm] Overall/Post support [mm] Post support [mm] 91 600 x 60 / 300 4 x 11 101 600 x 60 / 300 4 x 11 121 600 x 60 / 300 4 x 11 141 600 x 60 / 300 4 x 11

ADVANTAGES / PROPERTIES

- · For fixing square timber posts in place
- Fixed into concrete using H anchor
- Excellent corrosion protection thanks to hot dip galvanisation



Example of application H post anchor

Fence post connection screw Specially coated

Fence post

A2

connection screw



Suitable for this

Suitable

for this

Art. no.	Dimensions [mm]	Drive	PU
r903056	8 x 40	TX40 •	100
r903057	8 x 50	TX40 •	100
975594	10 x 40	TX40 •	50
975595	10 x 50	ΤΧ40 •	50

Attention

ADVANTAGES / PROPERTIES

- Flange buttonhead screw Ø 8 mm
- Head diameter Ø 22 mm
- · Special tip geometry reduces the splitting effect, no pilot drilling required
- $\cdot\,$ No pilot drilling required
- Special protection against corrosion
- Use, for example, in fence and pergola

construction	

ε	Art. no.	Dimensions [mm]	Drive	PU
) lent	975570	8 x 40	TX40 •	100
	975571	8 x 50	TX40 •	100

ADVANTAGES / PROPERTIES

- Flange buttonhead screw Ø 8 mm
- Head diameter Ø 22 mm
- Special tip geometry reduces the splitting effect, no pilot drilling required
- · No pilot drilling required
- · Limited resistance to acid

Attention

Not suitable for atmospheres containing chlorine!

Not suitable for wood containing tannins!

Wood connectors and fittings | Eurotec

Pyramid post cap Hot-dip galvanised steel



Art. no.	Dimensions [mm]	PU
904733	71 x 71	1
904734	91 x 91	1
904735	101 x 101	1

ADVANTAGES / PROPERTIES

- To protect posts against the effects of weathering
- Visual enhancement thanks to pyramid shape
- Excellent corrosion protection thanks to hot dip galvanisation

R		
-	e	1

Example of application pyramid post cap

Hammer-in ground socket For square posts



Art. no.	Dimensions Post socket [mm] ⁰⁾	Length Spike [mm]	Drill hole Post socket [mm] ^{b)}	PU
904703	150 x 71 x 71	750	4 x 11	1
904704	150 x 91 x 91	750	4 x 11	1
904785	150 x 71 x 71	900	4 x 11	1
904764	150 x 91 x 91	900	4 x 11	1
904730	150 x 101 x 101	900	4 x 11	1
®Height x length x width ®Number x Ø				

ADVANTAGES / PROPERTIES

- For fixing square timber posts in place
- Socket is fixed into the ground with ground anchors
- Excellent corrosion protection thanks to hot-dip galvanisation



Example of application Hammer-in ground socket for square posts

Hammer-in ground socket For round posts



Art. no.	Dimensions Post socket [mm] ^{a)}	Length Spike [mm]	Drill hole Post socket [mm] ^{b)}	PU
904705	81 x 150	450	4 x 11	1
904706	101 x 150	450	4 x 11	1
904707 ¤Ø x height, ^{b)} Number x Ø	121 x 145	605	4x11	1

ADVANTAGES / PROPERTIES

- $\cdot \,$ For fixing round timber posts into place
- Socket is fixed into the ground with ground anchors
- Excellent corrosion protection thanks to hot-dip galvanisation



Example of application for round posts

SCREW-ON SOCKETS, MOVABLE POST HOLDERS

Hot-dip galvanised steel

Screw-on socket For square posts



ADVANTAGES / PROPERTIES

- For fixing square timber posts in place
- $\cdot \,$ Socket is fastened to the subsurface with four screws
- Excellent corrosion protection thanks to hot-dip galvanisation

Art. no.	Dimensions Post socket [mm]ª)	Dimensions Baseplate [mm] ^{b)}	Drill holes Baseplate/Post socketa	PU
904695	150 x 71 x 71	150 x 150	4 x 11 / 4 x 11	1
904696	150 x 91 x 91	150 x 150	4 x 11 / 4 x 11	1
904697	150 x 101 x 101	150 x 150	4 x 11 / 4 x 11	1
904698	150 x 121 x 121	180 x 180	4 x 11 / 4 x 11	1
904736	150 x 141 x 141	200 x 200	4 x 11 / 4 x 11	1
904743	150 x 161 x 161	240 x 240	4 x 11 / 4 x 11	1
904747	150 x 181 x 181	280 x 280	4 x 11 / 4 x 11	1
904748	150 x 201 x 201	300 x 300	4 x 11 / 4 x 11	1
°)Heiaht x le	ength x width	ALCO MARCE VIEW CAN DEPEND		

^{b)}Length x width ^{c)}Number x Ø

Dimensions

101 x 150

121 x 147

Post socket [mm]^{a)}

Art. no.

904701

904702 12 ^{a)}Ø x height ^{b)}Lenght x width ^{c)}Number x Ø



Example of application screw-on socket for square posts

Drill holes

4 x 11 / 4 x 11

 $4 \times 11 / 4 \times 11$

Example of application screw-on socket for round posts

Baseplate/Post socket^{c)}

PU

1

Screw-on socket
For round posts



ADVANTAGES / PROPERTIES

- For fixing round timber posts into place
- Socket is fastened to the subsurface with four screws
- Excellent corrosion protection thanks to hot-dip galvanisation

Post holder

Movable, for round posts



Art. no.	Dimensions Post socket [mm]ª)	Dimensions Baseplate [mm] ^{b)}	Drill holes Baseplate/Post socket ^{c)}	PU
904713	101 x 150	140 x 130	4 x 11 / 3 x 5	1
904714	121 x 150	160 x 150	4 x 11 / 3 x 5	1
°)Ø x height ^{b)} Length x w ^{c)} Number x	vidth			and and a

Dimensions

150 x 150

180 x 180

Baseplate [mm]^{b)}



ADVANTAGES / PROPERTIES

- $\boldsymbol{\cdot}$ For fixing round timber posts into place
- Socket is fastened to the subsurface with four screws
- · Movable upper section allows attachment to inclined subsurfaces
- $\cdot\,$ Excellent corrosion protection thanks to hot-dip galvanisation

U POST HOLDER

Hot-dip galvanised steel

U post holder

Movable, for square posts

ADVANTAGES / PROPERTIES

• Socket is fastened to the subsurface with four screws · Movable upper section allows attachment to inclined subsurfaces • Excellent corrosion protection thanks to hot-dip galvanisation



Art. no.	Fork width [mm]	Length Post support [mm]	Dimensions Baseplate [mm] ^{a)}	Drill holes Baseplate / Post support [mm] ^{b)}	PU
904708	71	100	100 x 100	4 x 11 / 6 x 11	1
904709	91	100	100 x 100	4 x 11 / 6 x 11	1
°Length x width				Contraction of the local	and a start of



Example of application U post holder for square posts

U post holder



ADVANTAGES / PROPERTIES

- For fixing square timber posts in place
- The bracket is fastened to the subsurface with three screws
- · Post supports in sides provide spacing between the ground and the timber profile, aiding constructive timber protection
- Excellent corrosion protection thanks to hot-dip galvanisation

U post holder With stone pin



ADVANTAGES / PROPERTIES

- For fixing square timber posts in place
- The bracket is fixed in the concrete with a 200 m long stone pin
- · Post supports in sides provide spacing between the ground and the timber profile, aiding constructive timber protection
- Excellent corrosion protection thanks to hot-dip galvanisation

Art. no.	Fork width [mm]	Dimensions Post support [mm] ^{a)}	Drill holes Baseplate / Post support [mm] ^{b)}	PU
904717	71	150 x 60	2 x 11 ; 1 x 14 / 6 x 11	1
904719	91	150 x 60	2 x 11 ; 1 x 14 / 6 x 11	1
904721	101	150 x 60	2 x 11 ; 1 x 14 / 6 x 11	1
°)Length x v ⁶⁾ Number x				



Example of application U post holder

Art. no.	Fork width [mm]	Dimensions Post support [mm]º)	Dimensions Stone pin [mm] ^{b)}	Drill holes Post support [mm]¢)	PU
904716	71	150 x 60	16 x 200	6 x 11	1
904718	91	150 x 60	16 x 200	6 x 11	1
04720	101	150 x 60	16 x 200	6 x 11	1
04715	121	150 x 60	16 x 200	6 x 11	1
°)Length x w ÞØ x height				· ·	2000

^dNumber x Ø



Example of application U post holder with stone pin

CORNER CONNECTOR, U BRACKET, POST SUPPORT 135 + 65

Corner connector For square posts, Hot-dip galvanised steel



Art. no.	Dimensions Post socket [mm]ª)	Dimensions Baseplate [mm] ^{b)}	Drill holes Baseplate / Post socket [mm] ⁽⁾	PU
904710	200 x 105 x 105 length x width width	82 x 155	2x11/6x11	1
	TAGES / PROPERTIES ng square timber posts in place	ALL ALL ALL		
base b	rner connectors are fastened to y four screws variable width adjustment	the		

• Excellent corrosion protection thanks to hot-dip galvanisation



U bracket

For fences, Hot-dip galvanised steel



Art. no.	Fork width [mm]	Dimensions [mm] ^{a)}	Drill holes Post support [mm]()	PU
904711	101	233 x 40	4 x 6	1
904712	121	270 x 40	4 x 6	1
°)Length x ⁶⁾ Number x				Rife -

ADVANTAGES / PROPERTIES

- · For fixing round timber posts into place
- Corrosion protection



Example of application U bracket

Dimensions of baseplate [mm]^{a)}

6 x 160 x 80

Post support 135 + 65 Steel, blue galvanised





Art. no.

904749

^{o)}Height x width x length

ADVANTAGES / PROPERTIES

- Simple assembly with fully threaded screws and no need for joinery work, pilot-drilling or milling
- Min. timber cross section of 100 x 100 mm
- · After assembly, height adjustable up to 65 mm
- S235JR (ST37-2) structural steel, blue galvanised
- Can be used in the usage classes 1 and 2 in accordance with DIN EN 1995-1-1



PU

1

Example of application post support

Name	Art. no.	Height adjustment in assembled state	Min. post cross section	Dimensions of baseplate	Compressive loadbearing capacity	Tensile loadbearing capacity	Lateral force resistance	PU
Post feet on concrete		[mm]	[mm]	H x L x W [mm]	N _{cd} [kN]	N _{t,d} [kN]	V _{R,d} [kN]	Pcs.
Post support 135 + 65	904749	135 – 200	100 x 100	6 x 160 x 80	40,0	6,1	0,8	1



EUROTEC SALES SHELVES

For showcasing products

The Minishop and the Midishop are cost-effective and space-saving alternatives for selling Eurotec deck products.

MINISHOP

- · Supplied as a mini sales unit on a europallet
- Incl. model deck as an example application
- Individually stocked with Terrassotec or Hapatec screws, incl. in bucket

THE SHELF HAS THE FOLLOWING DIMENSIONS: Height 110 cm, width 74 cm, depth 60 cm

DISPLAY: Height 70 cm, width 74 cm

SALES SAMPLE

Use the sales sample to present the advantages of the Distance strip 2.0 and deck glider systems quickly and understandably.






With Eurotec's shelves you receive terrace accessories in the most common dimensions and materials organised onto one shelf. This gives you the opportunity to equip your customers with just one shelf for everyday terrace construction.

MIDISHOP

- · Supplied as a midi sales unit on a europallet
- Incl. model deck as an example application
- Individually stocked with deck accessories such as Terrassotec, Rolfi, adjustable pedestals, deck gliders, bit sets, etc..

THE SHELF HAS THE FOLLOWING DIMENSIONS:

Height 120 cm, width 118 cm, depth 60 cm

DISPLAY:

Height 70 cm, width 118 cm

WE DELIVER EVERYTHING YOU NEED TO EXPLAIN AND PRE-SENT THE EUROTEC TERRACE PRODUCTS!

EUROTEC DECK SHOP

Everything at a glance

The practical and individually combinable display system for an attractive presentation of our products in your sales area.

PRODUCT PRESENTATION IN A PREMIUM DISPLAY SYSTEM

- Wood construction or deck shop
- Single, double ... multiple unit
- $\cdot \,$ We install and set up individually for you

DISPLAY EXAMPLE WITH 3 MODULES:

Width 375 cm, height 224 cm, depth 65 cm. individual module depth 125 cm.



Eurotec sales shelves | Eurotec



CONDITIONS OF SALE AND DELIVERY

All sales to buyers, customers and contract partners, hereinafter referred to as customers, are made exclusively subject to the following terms and conditions unless other agreements are made in writing in the individual case:

1. SCOPE, GENERAL PROVISIONS

Our terms and conditions shall apply exclusively! We will not accept contradictory terms and conditions of our customers that deviate from our conditions unless we have given our express written consent to their validity. Our terms and conditions shall apply even if we execute orders without reservation despite being aware of contradictory conditions or conditions that deviate from our terms and conditions. Our terms and conditions shall also apply to all future transactions with our customers. Customers can access the latest version of these Standard Terms and Conditions at www.eurotec.team at any time.

2. OFFERS, WRITTEN FORM

Our offers are non-binding and subject to alteration without notice until we issue our final order confirmation. Contracts and agreements, as well as transactions brokered by our representatives, shall become binding only when we issue our written order confirmation. Verbal agreements, even within the framework of contract execution, are not valid unless confirmed by us in writing.

3. PRICES, PACKAGING, OFFSETTING

Unless otherwise indicated by the order confirmation, our prices are ex-works and exclusive of packaging. This is billed separately. The minimum order value is ξ 50.00. For smaller quantities, we charge a flat processing fee of ξ 30.00.

a) Our prices are exclusive of statutory value added tax. This is stated and charged separately in the invoice at the statutory rate applicable on the date of billing. b) Our customer may only claim a right of offsetting insofar as counterclaims are established to be legally binding or are

b) Our customer may only claim a right of offsetting insofar as counterclaims are established to be legally binding or are undisputed or accepted. A right of retention may only be exercised with respect to counterclaims resulting from the same contractual relationship.

4. DELIVERY, DELIVERY PERIOD AND FORCE MAJEURE

Unless otherwise agreed in writing, the place of performance shall be our company premises. The goods are shipped at the customer's risk and expense by third parties acting on our behalf. From the time at which the goods are made ready for delivery and the customer has been informed of their readiness for shipping, the customer shall bear the risk of accidental loss or deterioration of the item. This shall apply even if shipping is delayed as a result of circumstances for which we are not responsible. Punctual handing over of the goods to a shipping company requires that the order be placed on time by our customer. If the goods are handed over to the appointed shipping company punctually, we will not be liable for delayed delivery to the customer. This shall apply even if a delivery deadline was agreed with the customer, especially in the case of delivery to a construction site. The customer may be exempted from rush charges incurred in relation to this if there is a legal basis for deducting this surcharge from the forwarder's bill.

Statements relating to delivery periods are always to be seen only as approximate and non-binding. They shall begin on the date of our order confirmation but not before all of the order details are clarified in full. They refer to the time of consignment ex-works and shall be considered met when the goods are reported to be ready for dispatch. Without prejudice to our rights arising due to the customer's default, they shall be extended by the period for which the customer is in arrears to us with respect to their obligations arising from this or other orders. Even if they arise at our suppliers, the following grounds are among those that shall release us from the obligation to adhere to the delivery period and shall entitle us to extend the delivery periods, to make partial deliveries or to wholly or partially withdraw from the part of the contract that is not yet fulfilled without becoming liable to pay damages as a result, unless we are guilty of intent or gross negligence: interruptions of operations and difficulties in delivery for any kind, e.g. shortages of machinery, goods, materials or fuels, or incidents of force majeure, e.g. export and import embargos, fires, strikes, lock-outs or new official measures that adversely affect production costs and shipping.

5. SHIPPING

Goods are shipped at the expense and risk of the customer even if prepaid delivery was agreed. Additional costs for express shipping shall always be borne by the customer. Freight costs paid by us are to be seen only as an advancement of freight charges on behalf of the customer. Additional freight costs for urgent and express parcels shall be borne by the customer, even if we have borne the transport costs on individual occasions. Goods reported as ready for shipping must be accepted immediately and will be charged as exworks. If the goods are to be shipped abroad or passed directly to third parties, they must be examined and accepted in our factory; otherwise, the goods shall be deemed to have been delivered in accordance with the customer when the goods are handed over to the forwarder or freight carrier and, at the latest, when they leave our facility. Return shipments always require prior consultation with our internal sales department. Goods that are free of defects are only taken back with our express consent. A credit note is then issued for the value of the goods. Strictly no debit notes are accepted.

6. DESIGN AND PROPERTY RIGHTS

The customer shall bear sole responsibility and be liable for ensuring that the goods it orders do not violate thirdparty property rights. No verification is performed on our part in this respect. The customer shall indemnify us against injunctions or claims for damages by third parties. If an injunction is requested against us, the customer shall meet the legal costs and shall compensate us for the damages we have incurred.

7. ACCEPTANCE, QUANTITY TOLERANCES AND CALL-OFFS

For contracts with ongoing deliveries, the goods are to be accepted in monthly quantities that are as consistent as possible over the course of the contractual period. If a call-off is not made on time, we shall be entitled, after the expiry of a grace period that we have granted, to divide the order at our own discretion, withdraw from the part of the contract that has not yet been executed, or make a claim for damages due to non-performance. In the case of call-off orders, the call-offs must always be made within 12 calendar months. Over- or under-shipment by up to 10% of the order shall be permissible.

8.1 PAYMENT TERMS FOR INVOICES, RIGHT OF RETENTION

Invoices shall be payable with a 2% discount within 10 days of the invoice date or net within 30 days, regardless of when the goods are received and without prejudice to the right to make a complaint for defects. Payment by means of acceptance or customer's bill of exchange shall require special written agreement in advance. Discount charges will be charged in the case of payment by means of acceptance, which must have a term no longer than 3 months and be issued within 1 week of the invoice date. Credit notes for bills of exchange or cheques shall apply subject to receipt and regardless of the purchase price's earlier due date in the event of default by the customer. They shall be issued with the value at the date on which the equivalent amount will be available to us; the discount charges will be charged at the respective bank rate. In the event that the payment term is exceeded, interest and commissions may be charged without prejudice to other rights at the respective bank rate for overdrafts but at a rate at least 5% above the respective discount rate of the Deutsche Bundesbank [German Federal Bank]. If the payment terms are not adhered to or we become aware of circumstances that, in our view, are sufficient to reduce the customer's credit worthiness, all of our claims shall become payable immediately regardless of the term of any bills of exchange that have been accepted or credited.

We shall then also be entitled to perform outstanding deliveries only in exchange for advance payment, to withdraw from the contract after a reasonable grace period, and to demand compensation for default. We may also prohibit the resale or processing of the delivered goods and demand their return or the transfer of indirect possession of the delivered goods at the customer's expense. The customer hereby already authorises us to enter its premises and confiscate the delivered goods in the above cases. We shall be entitled to the usual securities for our claims according to their nature and extent, even if they are subject to conditions or of limited duration. Offsetting or withholding payments as a result of any counterclaims or notifications of defects shall be prohibited, except where claims are undisputed or established to be legally binding.

8.2 TERMS OF PAYMENT FOR WEB-SHOP CUSTOMERS

Payment shall be made exclusively in advance. Once the order process in our online shop is complete, you will receive an email with the bank details for our business account. The invoiced amount must be transferred to our account within 7 days. We cannot carry out your order until the payment arrives.

9. RETENTION OF TITLE

Until all liabilities arising from the business relationship are paid in full and, in particular, until all bills of exchange and cheques, including finance bills, given as payment are cashed, the goods delivered by us shall remain our property and may be taken back by us at the customer's expense in the event of default in payment. Until this point, the customer shall not be entitled to pledge or assign the goods to third parties as a security; it may sell them on or process them only within the framework of its ongoing business transactions. The customer shall be obliged to inform us immediately of any seizure by third parties of the goods delivered subject to retention of title. In the event of further processing, the customer shall not acquire ownership of the goods delivered by us as set out in section 950 of the German Civil Code (BGB), as any processing is carried out by the customer on our behalf. Without prejudice to the rights of third-party suppliers, the newly created thing shall serve as security for us up to the amount of our total claims arising from the business relationship. It shall be kept safe for us by the customer and shall be regarded as goods for the purpose of these terms and conditions. If the item is intermixed or otherwise combined with other objects that to do not belong to us, we shall acquire at least co-ownership of the new thing in proportion to the value of the contract item to that of other objects that have been processed with it. If the customer sells the goods delivered by us, regardless of their condition, it hereby already assigns to us all claims against its customers. If the total value of the securities given to us secreds our claims arising from delivery by more than 20%, we shall be obliged to retransfer securities given to us exceeds our claims arising from delivery by more than 20%, we shall be obliged to retransfer securities on this extent at the customer's request. If the retention of title or assignment is invalid in the territory in which the

10. NOTIFICATION OF DEFECTS, LIABILITY

Our customer shall be entitled to a warranty only if they have properly fulfilled their legal obligations under sections 377 and 378 of the German Commercial Code (HGB) with respect to the duties of examination and notification. If defects are present, we shall be entitled at our choice to either repair the defects or provide a replacement; if we are not prepared or not able to do so, and especially if repair/replacement is delayed beyond reasonable deadlines for reasons that we are responsible for, or if repair/replacement otherwise fails, our customer shall be entitled at its choice to withdraw from the contract or to demand a corresponding reduction in the price.

Unless otherwise stipulated below, further claims of the customer shall be excluded regardless of their legal basis. We shall not be liable for damage that did not occur to the delivered item itself. In particular, we shall not be liable for lost profit or other pecuniary losses of the customer. The above exemption from liability shall not apply if the damage is caused by intent or gross negligence; it shall also not apply if the customer asserts claims for damages for non-performance due to the lack of a warranted characteristic. If we breach an essential contractual duty through negligence, our duty of reimbursement for property damage or personal injury shall be restricted to the level of cover provided by our product liability insurance.

We are prepared to allow the customer to view our policy. The warranty period is 6 months calculated from the date of transfer of risk. This period is a limitation period. The period shall also apply to claims under sections 1 and 4 of the German Product Liability Act (ProdHafrG). Insofar as our liability is excluded or restricted, this shall also apply to the personal liability of our employees, workers, staff, representatives and agents. Goods that are subject to a complaint must not be sent back without obtaining our prior written consent, as otherwise we may refuse to accept them at the sender's expense. Goods that have been partially or wholly processed will not be taken back under any circumstances.

The customer is obliged to make sure that the purchased product is suitable for the intended application using technical descriptions, where available, and based on their specialist knowledge and to familiarise themselves with the application of this product. If they are not familiar with the product's application, our company staff are available to provide advice. All information and advice from our staff is provided carefully and conscientiously. Under no circumstances does this information and advice replace the indispensable consultancy services of architects and specialist planning companies or the services they provide during construction. Only the authorised professional groups are entitled to provide these services.

11. PLACE OF PERFORMANCE AND JURISDICTION, MISCELLANEOUS

Our company's registered office shall be the place of performance for all obligations arising from this contract, including liabilities from cheques and bills of exchange. Provided our customer is a merchant, the place of jurisdiction for all disputes arising from the contractual relationship shall be, at our choice, the Local Court of Hagen. Contracts with our customer shall be governed exclusively by German law to the exclusion of the UN Convention on Contracts for the International Sale of Goods of 11 April 1980. The language of the contract shall be German.

Hagen, 16 February 2018 E.u.r.o.Tec GmbH Unter dem Hofe 5 - 58099 Hagen Managing directors: Markus Rensburg, Gregor Mamys Court of registration: Local Court of Hagen Registration number. HRB 3817 VAT ID No.: DE 812674291 Tax number: 321/5770/0639

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DID YOU KNOW...? THE EUROTEC BIM PORTAL IS NOW AVAILABLE!

Many people, including architects, planners, craftspeople and service providers, are involved in the construction of a building or a terrace. All of these people require important data and information to plan their work.

In our new Eurotec BIM portal, we provide you with up-to-date BIM-relevant information on our product range.

You will have full access to 3D/CAD data, DWG files, important product information, ETA certifications, and much more. All portal functions are available to you free of charge! The files can be downloaded after a brief registration process.

Follow this link to the BIM portal: **bim.eurotec.team**





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