

KARLE & RUBNER

TERRACON®

Decks 2020



CONTENTS

Ceramic panels	8-19
Decking boards	from page 20
Thermo wood.....	20-25
WPC	26-43
Deck accessories	from page 44
Isopads	46/47
Decking support pads	48-55
Aluminium substructure	56-69
Installation of ceramic panels	from page 70
installation system with	
Isostep-CLIP.....	72-75
installation system with	
Isostep rails	76/79
P-Fix / Tile spacer	80
Side panelling.....	81
Drainage and ventilation profile..	82/83
Simple side profile	83
Drainage System / Panel lifter.....	84
Fastening of decking boards	from page 86
Terraflex / Terrastart.....	88-91
Clipper / Clipperstart	92-95
Terrafix / spacer cross	96/97
T-clip / start/end clip	98
Terraprotect / protective tape ...	99
Cover rails / Facing holder 180	100
Screws	102/103
Accessories/care	from page 104
Cleaner / impregnation	106-107
Weed fleece / drill	108
Privacy wall	110-117
Roofs	118-127

Illustrations in the catalogue may still correspond to the pre-decessor model as we reserve the right to make changes in terms of product improvements at any time.

Title page: TERRACON® WPC Piazza grey



Innovations 2020



Ceramic patio tile Crossing 80 x 80 cm

The new Crossing series is now offering possibilities to also freely design patios with the trend format 80x80 cm. The collection consists of three warm colours, which, in combination with a striking material look, create a unique atmosphere on the patio.

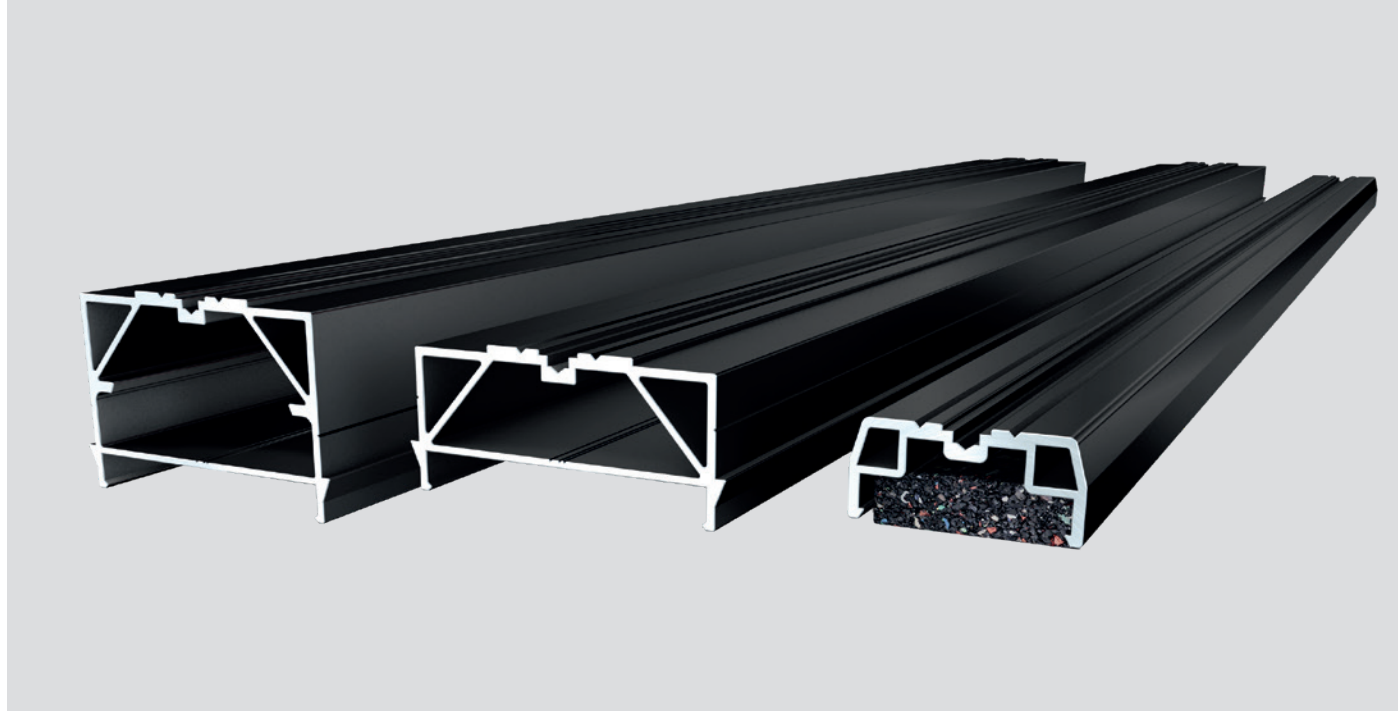
Page 10



TERRACON® WPC Piazza decking board

A surface with a high-performance polymer coating in four attractive colours and lifelike hardwood embossing characterise this board. Guaranteed!

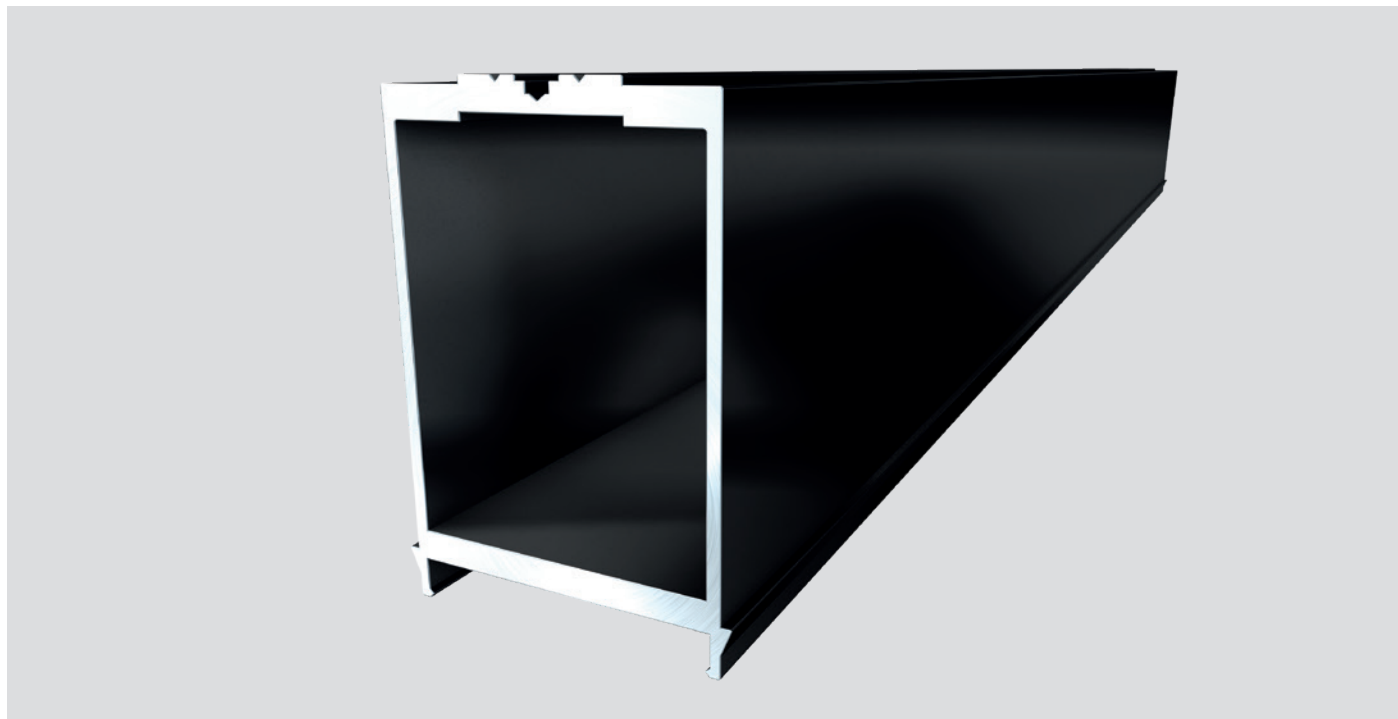
Page 26



Our best aluminium rails – now even better!

We have developed a screw channel for the proven CLIP rails, which reduces the assembly time when screwing the decking in place by up to 30% compared to conventional aluminium rails!

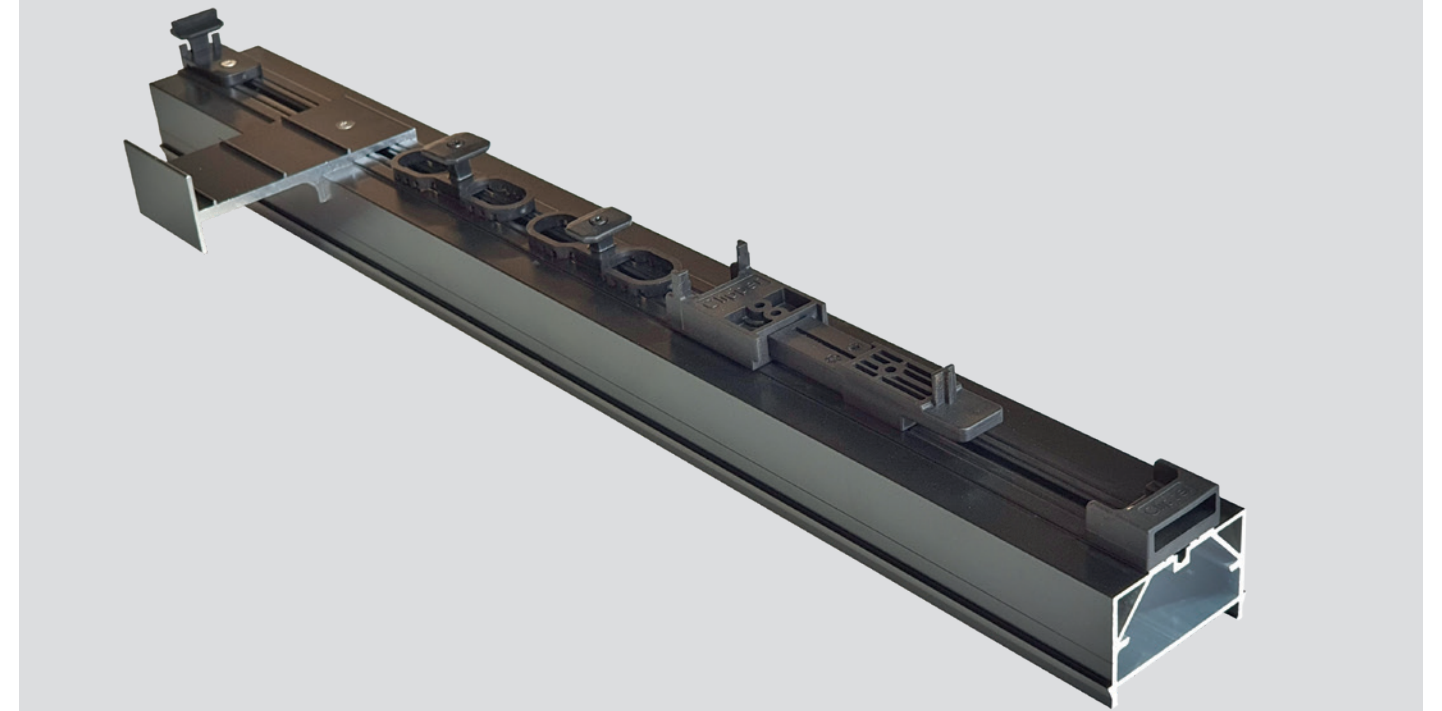
Page 58



MEGA Isostep – to span widths of up to 3 metres!

The MEGA Isostep not only conveys enormous strength through its appearance, but can also easily overcome a distance of up to 300 cm between two support points.

Page 60



Mounting on screw channel: Everything through the middle

With the optimisation of our CLIP rails with a screw channel, the attachment and laying articles have also been adapted to screw them together even faster and more conveniently.



elevato® screening now also with matching door

A high-quality door as a passageway for the elevato® screening in a visually matching design.

Page 117



Sustainability through recycled raw materials

Our **plastic products** have been manufactured from regranulate for years. This regranulate consists of 98% recycled thermoplastic industrial plastic waste, which comes exclusively from German production. The raw material recovered in this way is comparable with new goods in 1A quality, i.e. the mechanical, thermal and chemical properties are almost identical.

Over 90% of the raw material for the high-quality granulates in our **Isopads** comes from recycled old tyres and technical rubber materials. This is processed according to our specifications in such a way that breathable products with high water permeability are created. Recovered raw materials (recycled label material, plastics from household waste or wood shavings from pallets) are also used in the manufacture of most of our WPC patio decking via technically sophisticated production processes with a share of up to 95%.

All Isopads, plastic products and WPC boards are fully recyclable.



98%
95%
90%

„Recycled material“ - BUTTON

We use the “recycled material” button to mark all of the products with the percentage of recycled material used in the production process.



Ceramic panel Ardesia beige

Ceramic patio tiles

Ceramic patio tiles in the latest design and with wood decors that are impressively close to the original in trendy sizes that offer the right format for every taste. Break new ground in patio design and discover the diverse possibilities that exist to plan and build a patio according to your individual needs.

The current product range of Karle & Rubner offers not only numerous ceramic patio tiles in top quality, but also all conceivable options for making their installation easy, quick and professional. With the innovative CLIP system you need only **one** substructure for boards and panels, giving total flexibility - **ONE** system for **ALL** coverings!



The benefits of TERRACON® ceramic patio tiles:

- Ultra-modern design
- Permanently impervious to all types of contamination
- UV-resistant, colourfast and lightfast
- Salt and frost resistant (water absorption below 0.5%)
- Large substructure distance possible (up to 60 cm in width)
- Maximum dimensional tolerance of only 0.3 mm, all edges are rectified
- Slip-resistance R11 A+B+C (i.e. suitable for wet areas such as showers and swimming pools)
- No pre- and post-treatment required

✓ Up to 40 different printed images are available per tile decor, thus ensuring a varied and natural laying pattern.



Ceramic panel Pompei beige



Ceramic panel Ardesia grey

Crossing beige
795x795x20 mm
Item no. 7457

NEW!

Crossing grey
795x795x20 mm
Item no. 7458

NEW!

Crossing anthracite
795x795x20 mm
Item no. 7459

NEW!

TREND FORMAT
80 x 80 cm

Ceramic panel Crossing grey



Tavola quarzit
448x898x20 mm
Item no. 7421



Tavola old wood
448x898x20 mm
Item no. 7359



Tavola granite
448x898x20 mm
Item no. 7360



Ardesia beige
448x898x20 mm
Item no. 7354

Ardesia beige
595x595x20 mm
Item no. 7353



Ardesia grey
448x898x20 mm
Item no. 7352

Ardesia grey
595x595x20 mm
Item no. 7351

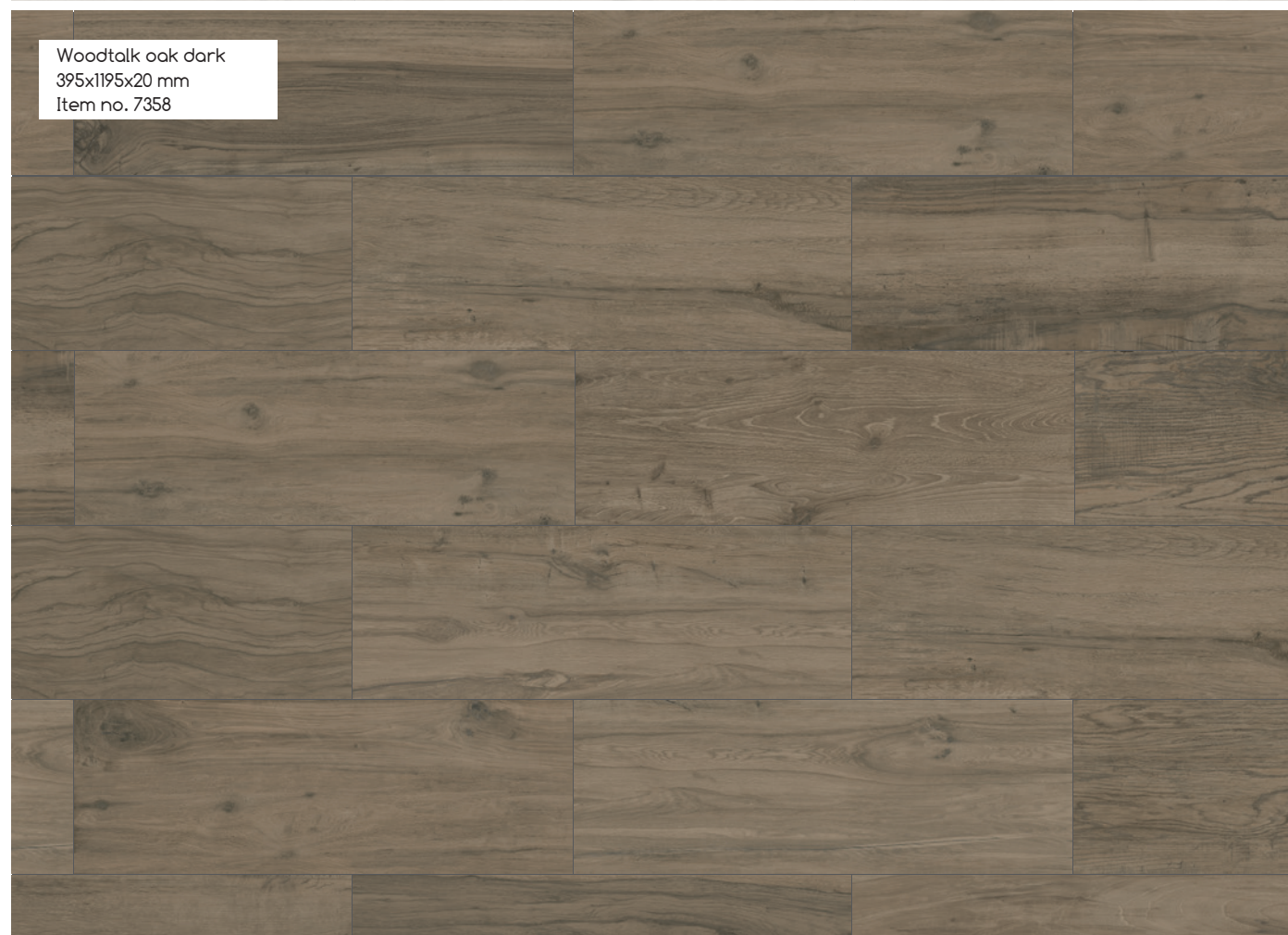


Ardesia anthracite
448x898x20 mm
Item no. 7350

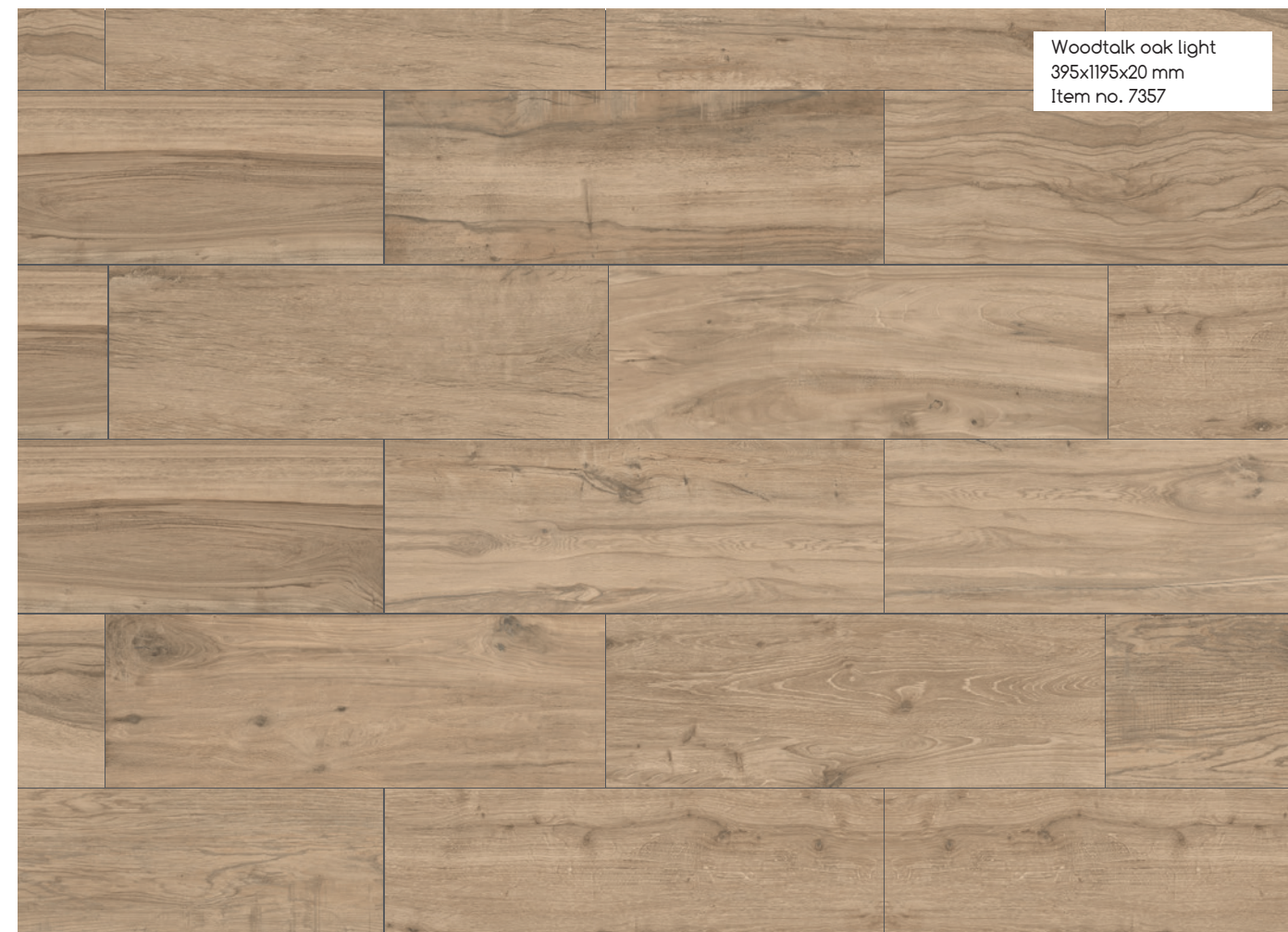
Ardesia anthracite
595x595x20 mm
Item no. 7349



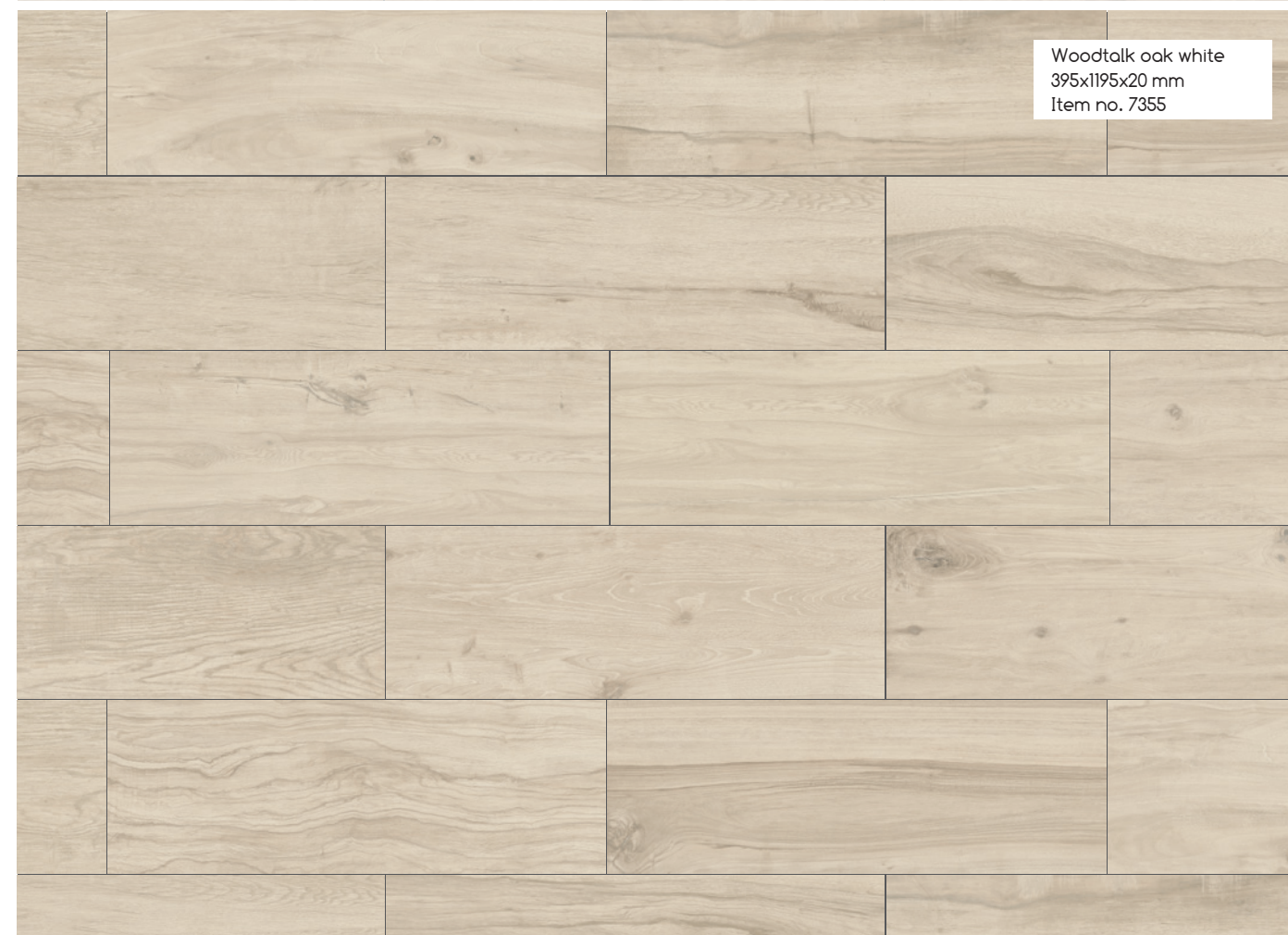
Woodtalk oak grey
395x1195x20 mm
Item no. 7356



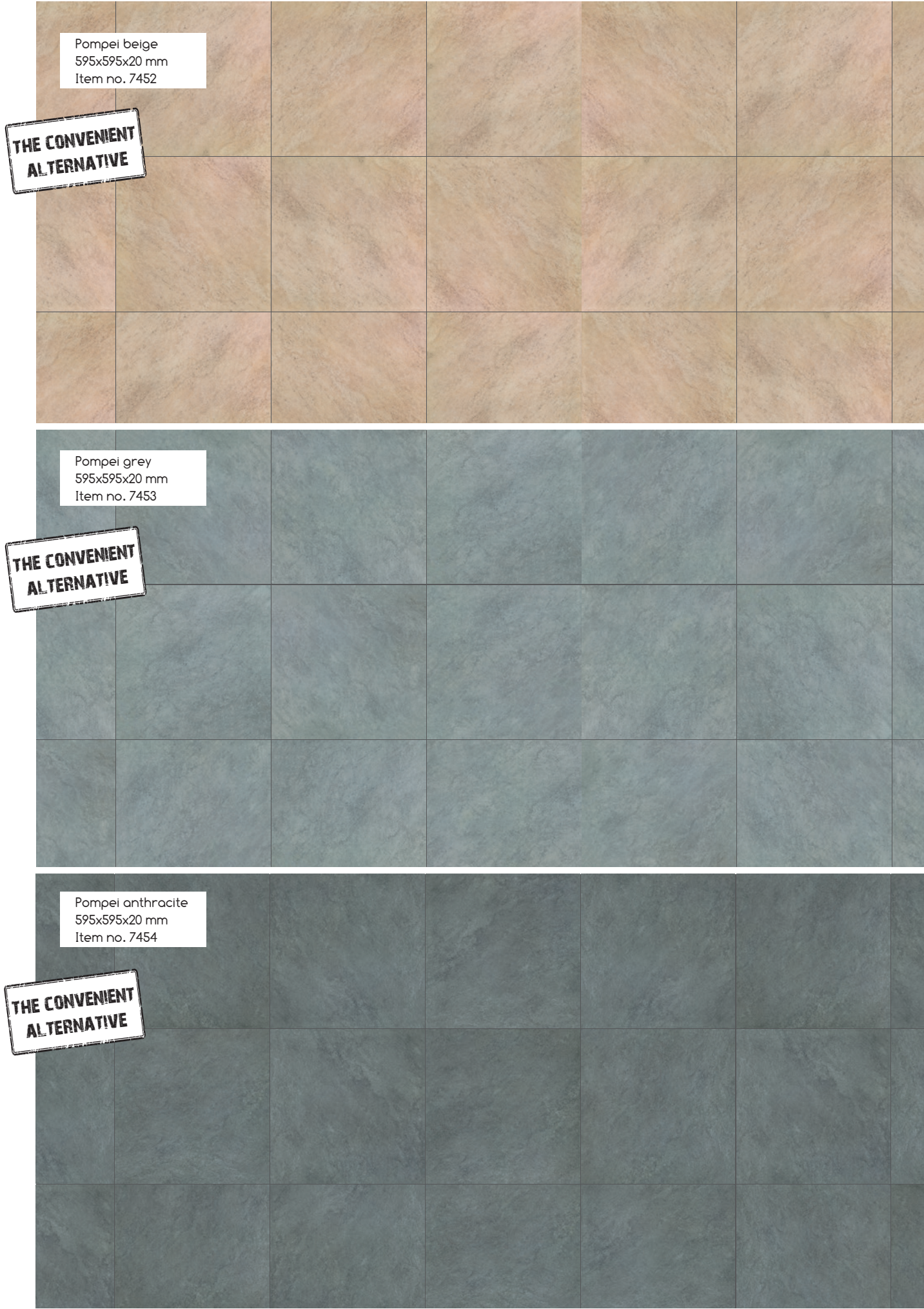
Woodtalk oak dark
395x1195x20 mm
Item no. 7358



Woodtalk oak light
395x1195x20 mm
Item no. 7357

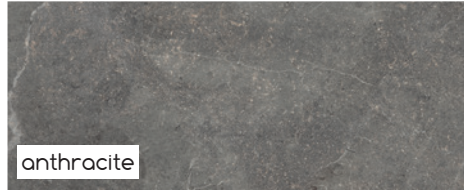
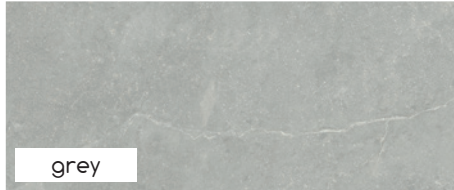
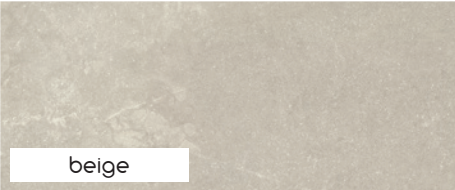


Woodtalk oak white
395x1195x20 mm
Item no. 7355



Crossing Ceramic panel

Design	Part no.	Dimensions	Qty. / pallet
Crossing beige	7457	795x795x20 mm	45 Pcs.
Crossing grey	7458	795x795x20 mm	45 Pcs.
Crossing anthracite	7459	795x795x20 mm	45 Pcs.



Ardesia Ceramic panel

Design	Part no.	Dimensions	Qty. / pallet
Ardesia beige	7353	595x595x20 mm	64 Pcs.
Ardesia beige	7354	448x898x20 mm	48 Pcs.
Ardesia grey	7351	595x595x20 mm	64 Pcs.
Ardesia grey	7352	448x898x20 mm	48 Pcs.
Ardesia anthracite	7349	595x595x20 mm	64 Pcs.
Ardesia anthracite	7350	448x898x20 mm	48 Pcs.

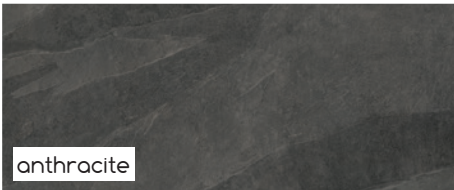


Tavola Ceramic panel

Design	Part no.	Dimensions	Qty. / pallet
Tavola quarzit	7421	448x898x20 mm	48 Pcs.
Tavola old wood	7359	448x898x20 mm	48 Pcs.
Tavola granite	7360	448x898x20 mm	48 Pcs.



Woodtalk Ceramic panel

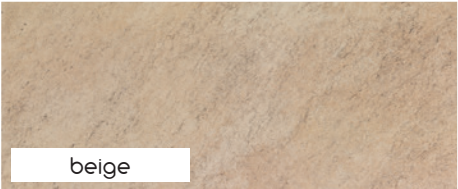
Design	Part no.	Dimensions	Qty. / pallet
Woodtalk oak grey	7356	395x1195x20 mm	48 Pcs.
Woodtalk oak dark	7358	395x1195x20 mm	48 Pcs.
Woodtalk oak light	7357	395x1195x20 mm	48 Pcs.
Woodtalk oak white	7355	395x1195x20 mm	48 Pcs.



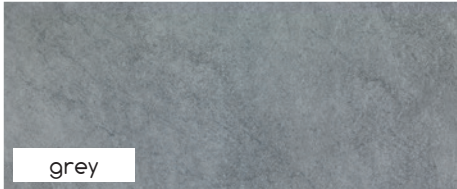
Pompei
Ceramic panel

THE CONVENIENT
ALTERNATIVE

Design	Part no.	Dimensions	Qty. / pallet
Pompei beige	7452	595x595x20 mm	64 Pcs.
Pompei grey	7453	595x595x20 mm	64 Pcs.
Pompei anthracite	7454	595x595x20 mm	64 Pcs.



beige



grey

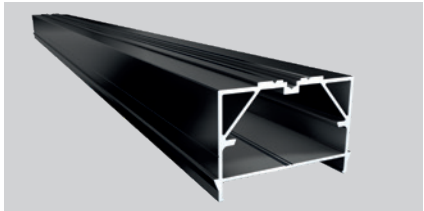


anthracite

5 different printed images are available per tile decor Pompei



Suitable accessories



Aluminium substructure
from page 56



M-Fix
Page 72



S-Fix
Page 73



Ceramic panel Tavola quarzit

Installation of ceramic panels on
an aluminium substructure





Patio decking thermo pine



Ceramic panel Ardesia grey
Patio decking thermo ash

Patio decking from thermo wood

Thermo wood is the ecological alternative to tropical hardwoods. Domestic woods, such as pine or ash, are subjected to a process without chemical additives in which they are exposed to high temperatures and humidity in order to change the cell structure and greatly reduce their water absorption capacity. This makes the boards less prone to wood-damaging fungus or insect infestation, and they become similarly durable to tropical wood with a sharply reduced swelling/shrinkage behaviour.

Our thermo-wood boards have a long service life, and their smooth planed or brushed surfaces make them the visual highlight of every deck.



The advantages of TERRACON® thermo wood:

- Long service life (up to 25 years and older)
- High durability class
- Resistant to wood-damaging fungus or insect infestation
- High dimensional stability
- Weather-resistant
- No bleeding or resination of the boards
- Without chemical additives
- Invisible attachment possible (Terraflex, Clipper)

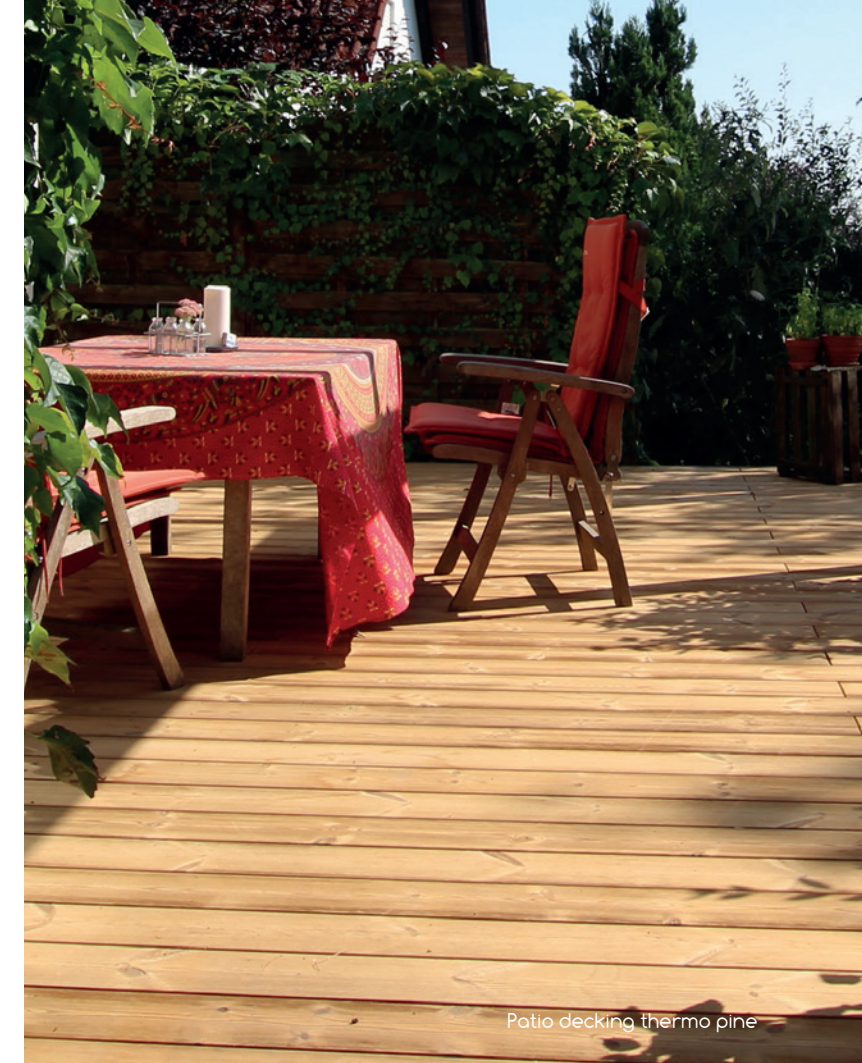


Patio decking thermo ash



Patio decking thermo ash

The durability of thermo wood is comparable with almost any of the tropical woods on the market today. In considering the physical test results of the thermo wood (form stability, swelling and shrinkage behaviour, surface hardness, etc.), it places higher than any of the tropical wood types.



Patio decking thermo pine



Thermally modified ash decking boards immediately after installation



Thermally modified ash decking boards untreated one year after installation



Patio decking thermo pine



Thermo pine Decking boards





Thermo pine decking boards			Fixing	
Design	Part no.	Dimensions		Qty. / pallet
with groove, surface ribbed	6903	26x140x3000 mm	Terraflex N9	126 Pcs.
	6580	26x140x3900 mm		126 Pcs.
	6971	26x140x4200 mm		126 Pcs.
	6581	26x140x4500 mm		126 Pcs.
with groove, surface brushed	6905	26x140x3000 mm	Terraflex N9	126 Pcs.
	6582	26x140x3900 mm		126 Pcs.
	6542	26x140x4200 mm		126 Pcs.
	6583	26x140x4500 mm		126 Pcs.
with groove, ribbed surface	6991	26x118x4800 mm	Terraflex N9	105 Pcs.
with groove, brushed surface	6412	26x118x4800 mm	Terraflex N9	105 Pcs.
Wood substructure				
Thermo pine	6950	42x68x4200 mm		120 Pcs.



Thermo ash Decking boards



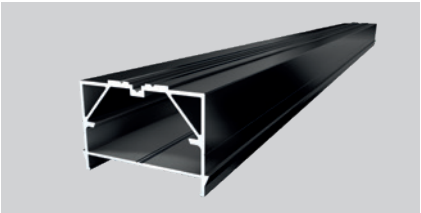
Thermo pine decking boards			Fixing	
Design	Part no.	Dimensions		Qty. / pallet
Thermo ash with groove & milled top Smooth surface	7234	20x115x1550 mm	Terraflex 	144 Pcs.
	7235	20x115x1850 mm		144 Pcs.
	7236	20x115x2150 mm		144 Pcs.
	7237	20x115x2450 mm		144 Pcs.
Thermo ash with groove & milled top brushed surface	7238	20x115x1550 mm	Terraflex 	144 Pcs.
	7239	20x115x1850 mm		144 Pcs.
	7240	20x115x2150 mm		144 Pcs.
	7241	20x115x2450 mm		144 Pcs.
Wood substructure				
Thermo pine	6950	42x68x4200 mm		120 Pcs.



Suitable accessories



Height compensation (decking support pads) from page 48



Aluminium substructure from page 56



Attachment (Terraflex, Clipper, Terrafix) from page 86

NEW!

TERRACON® WPC Piazza grey

TERRACON® WPC Piazza decking boards

A surface with a high-performance polymer coating in four attractive colours and lifelike hardwood embossing characterise this board. The high-quality coating ensures that the boards remain colour-stable and are resistant to almost all types of soiling. With up to 75% processed recycled material as well as full recyclability, the Piazza adds accents and scores points on the important topic of sustainability.



Die Vorteile von TERRACON® WPC Piazza:

- Up to 25 year warranty (colour, stain and material guarantee)
- 75% from recycled materials
- Resistant to oil and grease stains and other soiling
- Installation with 0% gradient is possible
- Non-toxic
- PVC-free
- Fully recyclable
- Made in Germany



The Piazza WPC board consists of 75% recovered raw materials (recycled label material and polyethylene). The board is therefore the product with the highest recycling rate of all European manufacturers and is fully recyclable, even after its guaranteed service life of 25 years.

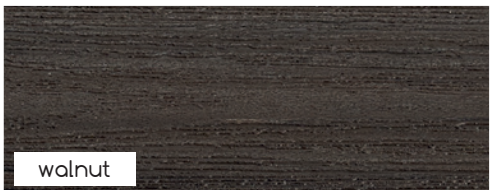
Up to
25 YEARS
Guarantee*

*Decay, deterioration and insect damage

TERRACON® WPC Piazza anthracite



TERRACON® WPC Piazza



TERRACON® WPC Piazza One with groove, solid profile			Fixing	
Design	Part no.	Dimensions		Qty. / pallet
grey	7464	25x140x4000 mm	Terraflex N9	49 Pcs.
	7465	25x140x5000 mm		49 Pcs.
oak	7466	25x140x4000 mm	Terraflex N9	49 Pcs.
	7467	25x140x5000 mm		49 Pcs.
walnut	7462	25x140x4000 mm	Terraflex N9	49 Pcs.
	7463	25x140x5000 mm		49 Pcs.
anthracite	7460	25x140x4000 mm	Terraflex N9	49 Pcs.
	7461	25x140x5000 mm		49 Pcs.

TERRACON® WPC Piazza Pro with groove, solid profile			Fixing	
Design	Part no.	Dimensions		Qty. / pallet
grey	7472	25x140x4000 mm	Terraflex N6	49 Pcs.
	7473	25x140x5000 mm		49 Pcs.
oak	7474	25x140x4000 mm	Terraflex N6	49 Pcs.
	7475	25x140x5000 mm		49 Pcs.
walnut	7470	25x140x4000 mm	Terraflex N6	49 Pcs.
	7471	25x140x5000 mm		49 Pcs.
anthracite	7468	25x140x4000 mm	Terraflex N6	49 Pcs.
	7469	25x140x5000 mm		49 Pcs.



Suitable accessories



CLIP decking support pad
Page 51



TWIXT-Isostep
Page 60



Terraflex
Page 88

TERRACON® WPC Piazza oak



TERRACON® WPC 140 bright beige

Patio decking TERRACON® WPC 140

The wavy design of the TERRACON® WPC 140 with its colour embedding is unique and gives your deck a luxurious and exclusive look. The surface is embossed and not milled, which makes it much less prone to dirt or grease.

The TERRACON® WPC 140 patio decking consist of 70% of wood fibres and 30% environmentally friendly and food safe polymer. The wood fibres used are derived from timber of sustainable forestry. The material composition makes the decking boards very stable and easy to maintain. The special top coat makes the TERRACON® WPC particularly resilient, durable and also easy to maintain and process.



The advantages of TERRACON® WPC 140:

- Durable
- Grease and oil resistant
- Very resistant
- Free of splinters and barefoot-friendly
- Dimensionally stable
- Easy care
- Use of timber from sustainable forestry
- High skid resistance (R11)
- Fully recyclable
- Made in Germany



✓ Unique surface



TERRACON® WPC 140 grey



TERRACON® WPC 140

Surface 1

bright beige

Surface 2

Surface 1

hazel

Surface 2

Surface 1

grey

Surface 2

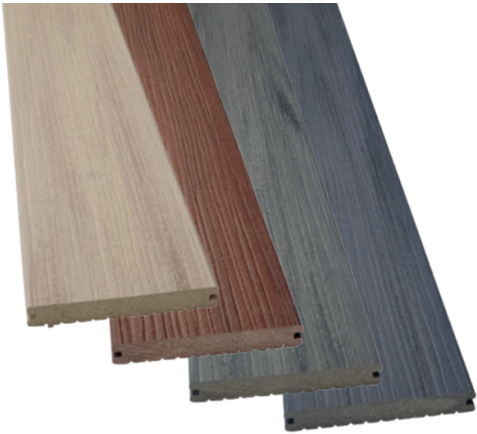
Surface 1

anthracite

Surface 2

TERRACON® WPC 140 with groove, solid profile			Fixing	
Design	Part no.	Dimensions		Qty. / pallet
bright beige	7317	21x140x4000 mm	Terraflex N6	70 Pcs.
	7318	21x140x5000 mm		70 Pcs.
hazel	7311	21x140x4000 mm	Terraflex N6	70 Pcs.
	7312	21x140x5000 mm		70 Pcs.
grey	7314	21x140x4000 mm	Terraflex N6	70 Pcs.
	7315	21x140x5000 mm		70 Pcs.
anthracite	7431	21x140x4000 mm	Terraflex N6	70 Pcs.
	7432	21x140x5000 mm		70 Pcs.

*With dark colour embedding

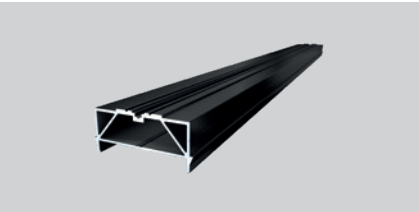


Bleaching due to weather conditions, one year after installation.

Suitable accessories



CLIP decking support pad
Page 51



TWIXT-Isostep
Page 60



Terraflex
Page 88

TERRACON® WPC 140 hazel



Light-,
stain-
and scratch-
resistant

TERRACON® WPC Vision Patio Decking

The new TERRACON® WPC Vision board impresses with a unique, elegant and refined surface structure. A new technology is used in the manufacture of the boards, which allows subtle and complex shades that mimic nature. The new, high-performance coating impresses with its light-, stain- and scratch-resistance.



The advantages of TERRACON® WPC Vision:

- Light-, stain- and scratch-resistance
- Extremely durable core of heat treated oak fibres
- Fully encapsulated in polyethylene
- Can be used on the ground, in the ground and under water
- Environmentally friendly, as it is produced from up to 95% recycled materials
- 0% gradient possible



The material of the TERRACON® WPC Vision board is made from thermally treated oak chips from the flooring industry and recycled plastic from household waste. The board is made from 95% recycled material and is fully recyclable.





TERRACON® WPC Vision grey

TERRACON® WPC Vision

sand

grey

brown

TERRACON® WPC Vision with groove, solid profile			Fixing	Qty / pallet
Design	Part no.	Dimensions		
sand	7380	25x137x4000 mm	Terraflex N9	48 Pcs.
	7381	25x137x5000 mm		48 Pcs.
grey	7382	25x137x4000 mm	Terraflex N9	48 Pcs.
	7383	25x137x5000 mm		48 Pcs.
brown	7384	25x137x4000 mm	Terraflex N9	48 Pcs.
	7385	25x137x5000 mm		48 Pcs.



Suitable accessories



Decking support pads
from page 48



Isostep-Rail
Page 65



Isopads
from page 46



TERRACON® WPC Vision brown



TERRACON® Thermo-WPC 137-2 walnut



TERRACON® Thermo-WPC 137-2 grey

Up to
25 YEARS
Guarantee*

*Decay, deterioration and insect damage

TERRACON® Thermo WPC 137 Patio Decking

The TERRACON® Thermo WPC 137 patio decking is produced in a very special process. White oak wood shavings are heat treated at 230°C. Once the thermal treatment is complete, the wood chips are mixed with Polyethylene (plastic) and homogenised. Then the mixture is pressed through an extruder and the wood grain pattern is pressed with a roller – it then needs to cool off naturally and slowly. This elaborate process gives the polyethylene its durability and makes the surface more resistant and much harder to damage.

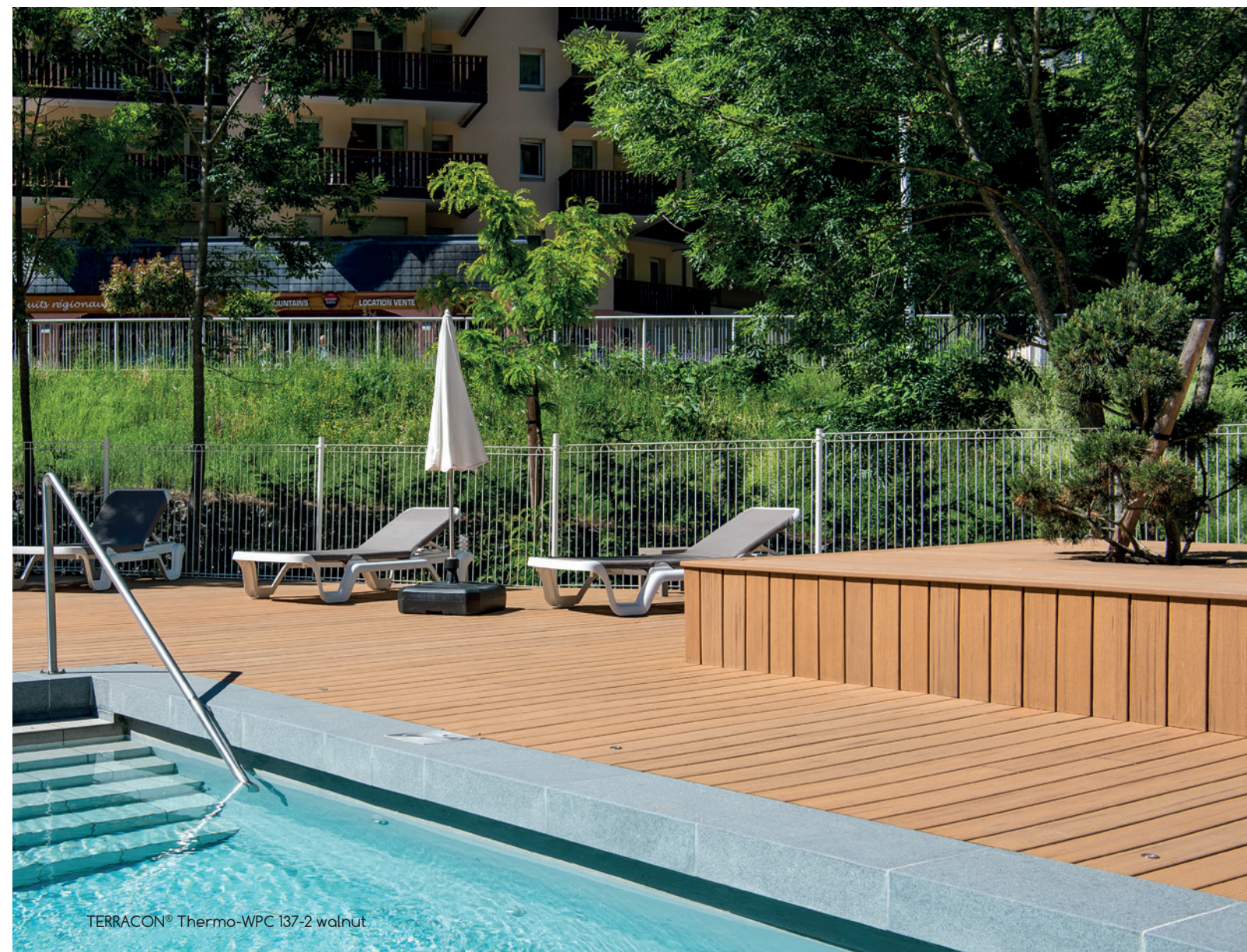


The advantages of TERRACON® thermo WPC 137:

- Grease and oil resistant
- Each TERRACON® thermo WPC 137 board is unique
- No length expansion as a result of moisture, therefore it can be installed with a 0% gradient
- Up to 25 years manufacturer's warranty against rot, decay and insect damage
- R 11 slip resistance
- Solid materials
- Maintenance-free
- Free of cracks and splinters – genuine barefoot decking
- Great bending strength
- Environmentally friendly, as it is produced from up to 95% recycled materials
- Extremely durable



The material of the TERRACON® thermally modified WPC 137 board is made from thermally treated oak chips from the flooring industry and recycled plastic from household waste. The board is made from 95% recycled content and is fully recyclable.



TERRACON® Thermo-WPC 137-2 walnut



TERRACON® Thermo-WPC 137-2 sand

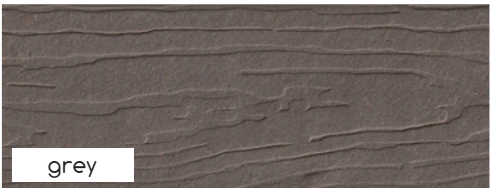


TERRACON® Thermo-WPC 137-2 cedar

TERRACON® Thermo-WPC 137-1



brown



grey

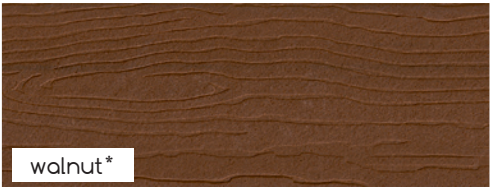
TERRACON® thermo WPC 137-1 with groove, solid profile			Fixing	
Design	Part no.	Dimensions		Qty. / pallet
brown	7222	21x137x4000 mm	Terraflex N6	64 Pcs.
	7223	21x137x5000 mm		64 Pcs.
grey	7224	21x137x4000 mm	Terraflex N6	64 Pcs.
	7225	21x137x5000 mm		64 Pcs.



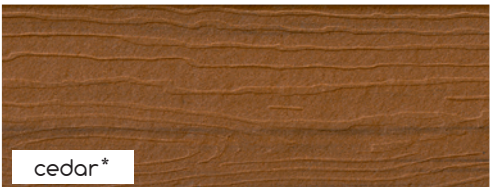
TERRACON® Thermo-WPC 137-2



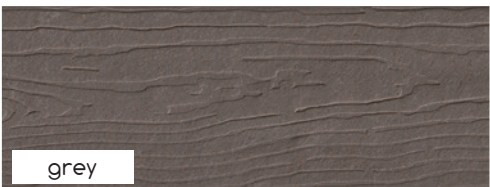
sand*



walnut*



cedar*



grey



TERRACON® thermo WPC 137-2 with groove, solid profile			Fixing	
Design	Part no.	Dimensions		Qty. / pallet
sand*	7214	21x137x4000 mm	Terraflex N6	64 Pcs.
	7215	21x137x5000 mm		64 Pcs.
walnut*	7216	21x137x4000 mm	Terraflex N6	64 Pcs.
	7217	21x137x5000 mm		64 Pcs.
cedar*	7218	21x137x4000 mm	Terraflex N6	64 Pcs.
	7219	21x137x5000 mm		64 Pcs.
grey	7220	21x137x4000 mm	Terraflex N6	64 Pcs.
	7221	21x137x5000 mm		64 Pcs.

*With dark colour embedding

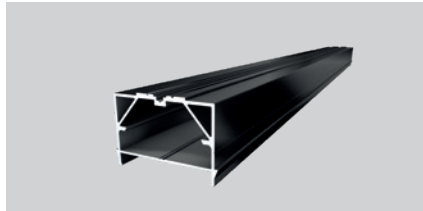


Bleaching due to weather conditions,
one year after installation.

Suitable accessories



Terraflex
Page 88


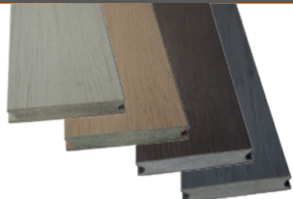
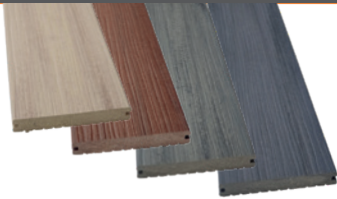



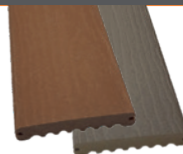

BIG-Isostep
Page 60



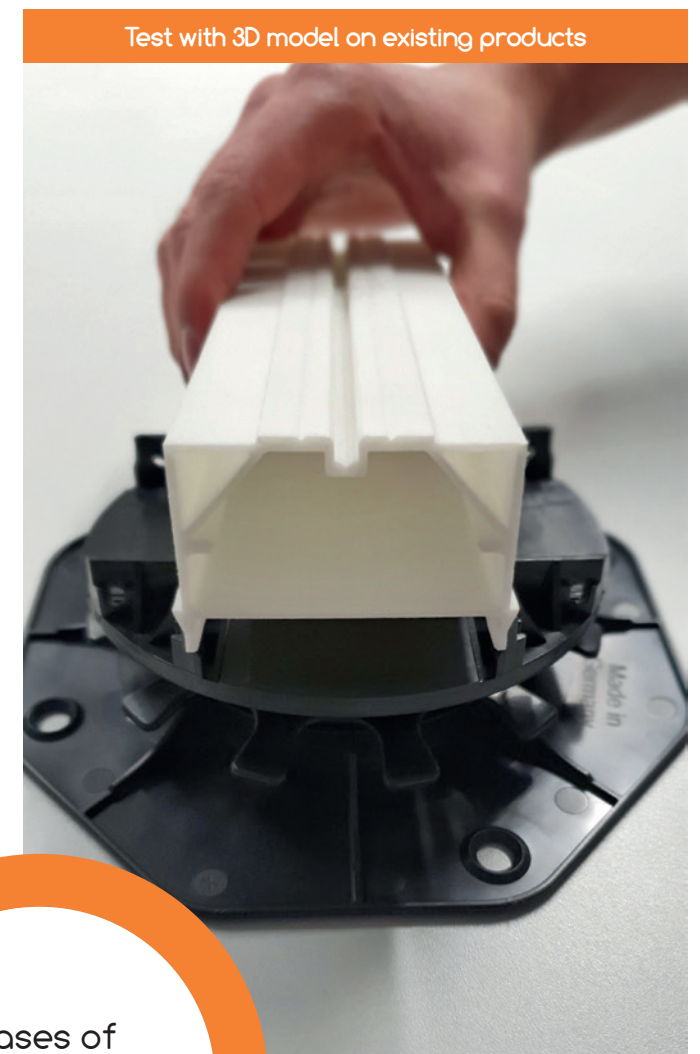
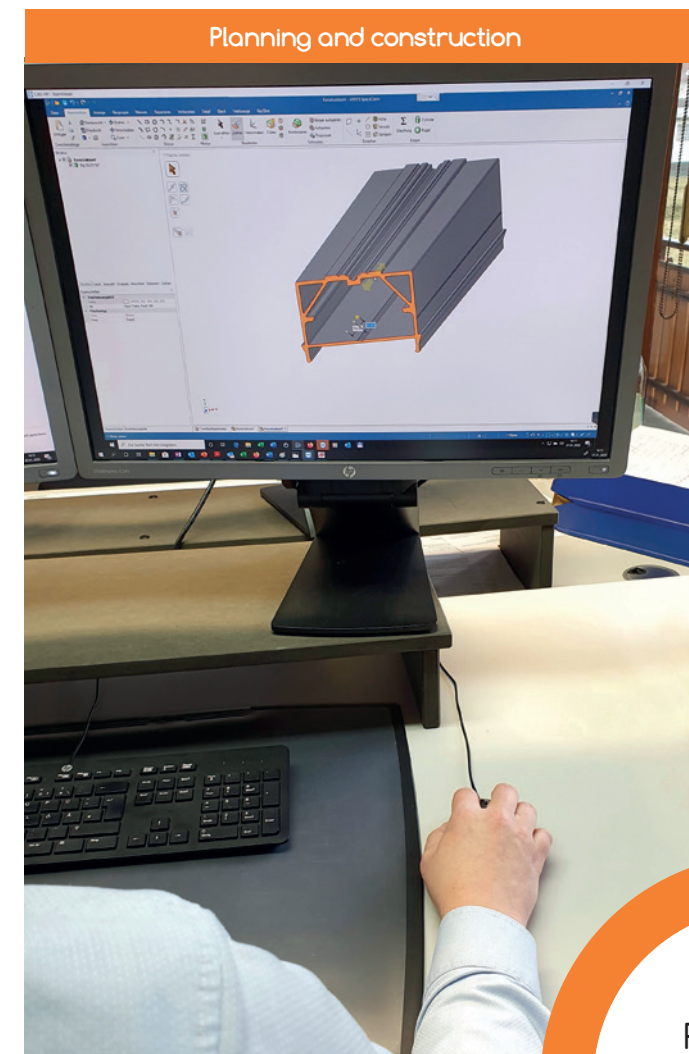
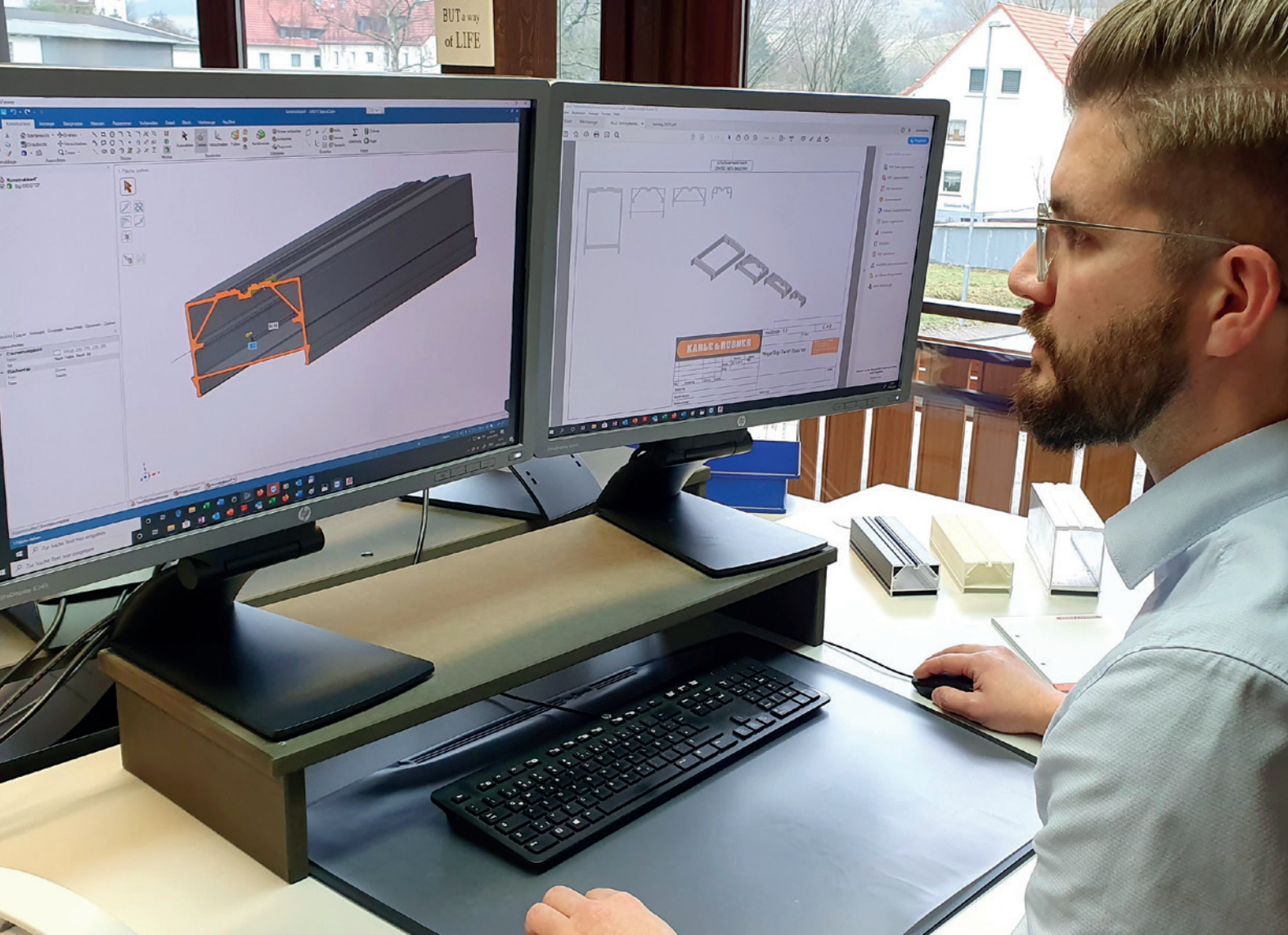
Facing holder 180
Page 100

TERRACON® WPC Boards Overview

	TERRACON® WPC Piazza One	TERRACON® WPC Piazza Pro	TERRACON® WPC 140
			
Profile	25x140 mm 1-sided	25x140 mm 1-sided	21x140 mm 2-sided
Product	Solid board with groove	Solid board with groove	Solid board with groove
Material composition	Surface with a high-performance polymer coating PEX and core of cellulose fibres sheathed in recycled polyethylene	Surface with a high-performance polymer coating PEX and core of cellulose fibres sheathed in recycled polyethylene	30% food grade PE + 70% pine and spruce wood, UV stabilisers, colour pads Wood fibres = renewable raw materials are 100% PEFC certified
Country of manufacture	Germany	Germany	Germany
Recycling percentage	75 %	75 %	-
Colour change	No colour change due to high-performance polymer coating PEX. Colours fade slightly over the years.	No colour change due to high-performance polymer coating PEX. Colours fade slightly over the years.	Colour change: similar to natural product
Applications	Residential	Residential and commercial areas	Residential and commercial areas
max. distance of the substructure	Private: 35 cm	Private: 40 cm, commercial: 30 cm	Private: 40 cm, commercial: 30 cm
Fire class	E (according to standard EN 13501-1)	E (according to standard EN 13501-1)	E (according to standard EN 13501-1)
Anti-slip class	Slip-resistant R10 (tested in accordance with the guidelines of DIN 51130)	Slip-resistant R10 (tested in accordance with the guidelines of DIN 51130)	Slip-resistant R11 (tested in accordance with the guidelines of DIN 51130)
Removing ice and snow	De-icing salt can be used on the board		
Gradient	installation with 0% gradient is possible		
Advantages	<ul style="list-style-type: none">• Resistant to oil and grease stains and other soiling• Non-toxic, PVC-free, fully recyclable• Dimensionally stable• Free of cracks and splinters• Made in Germany• Sustainable product as it is produced from up to 80% recycled material• Long service life• Naturally attractive hardwood look		<ul style="list-style-type: none">• Oil and grease resistant• Embossed surface• Each board is unique due to dark colour gradients on the surface• Dimensionally stable• Free of cracks and splinters• Use of timber from sustainable forestry

TERRACON® WPC Vision	TERRACON® Thermo-WPC 137-1	TERRACON® Thermo-WPC 137-2
		
25x137 mm 1-sided	21x137 mm 1-sided	21x137 mm 2-sided
Solid board with groove	Solid board with groove	Solid board with groove
recycled PE + thermally treated oak wood fibres	recycled PE + thermally treated oak wood fibres	recycled PE + thermally treated oak wood fibres
USA	USA	USA
95 %	95 %	95 %
No colour deviation within 10 years	Brightening/greying up to three months after installation	Brightening/greying up to three months after installation
Residential and commercial areas	Residential	Residential and commercial areas
Private: 40 cm, commercial: 30 cm	Private: 30 cm	Privat: 40 cm (bei Verwendung des Fugendichtungsbandes 30 cm), Gewerbe: 30 cm
E (according to standard EN 13501-1)	E (according to standard EN 13501-1)	E (according to standard EN 13501-1)
Slip-resistant R11 (tested in accordance with the guidelines of DIN 51130)	Slip-resistant R11 (tested in accordance with the guidelines of DIN 51130)	
De-icing salt can be used on the board		
installation with 0% gradient is possible		
<ul style="list-style-type: none">• Unique colour and surface appearance• Light-, stain- and scratch-resistance• Extremely durable core of heat treated oak fibres• Free of cracks and splinters – environmentally friendly, as it is produced from up to 95% recycled materials	<ul style="list-style-type: none">• Oil and grease resistant – embossed surface• Each board is unique due to dark colour embedding• Dimensionally stable• Free of cracks and splinters• Environmentally friendly, as it is produced from up to 95% recycled materials	





TERRACON® accessories Product development “Made in Germany”

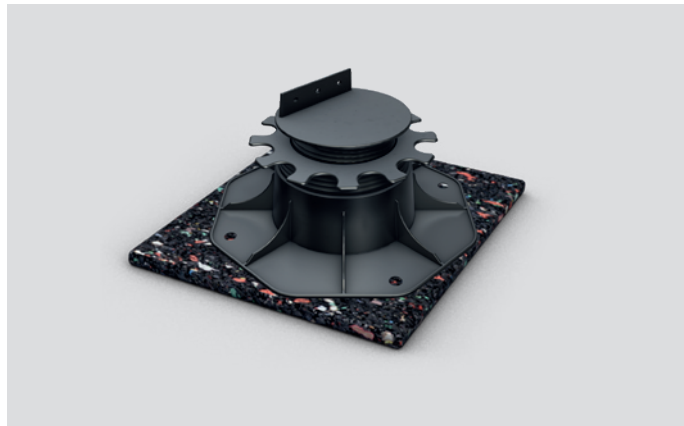
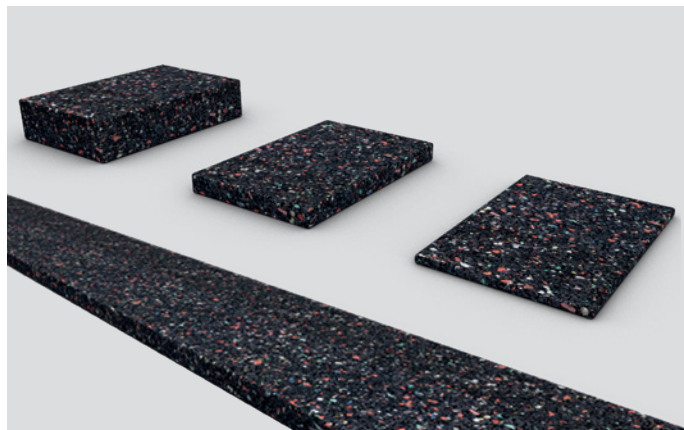
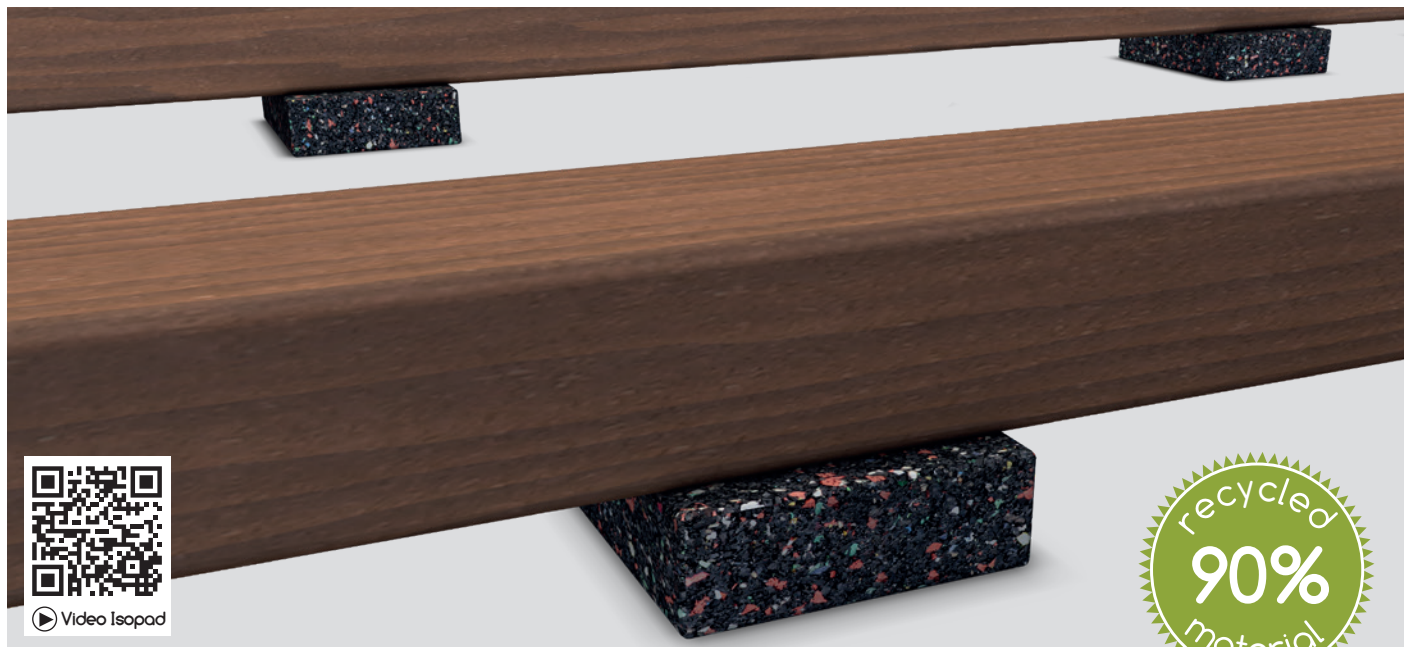
As a specialist in laying decking, Karle & Rubner attaches particular importance to innovative products. Our own product development and cooperation with regional producers enables us to offer trend-setting products that are always state of the art. Our particular focus is on the application and user-friendliness of the articles. At the same time, customer impulses, constant observation of the market and years of experience in our own application are the driving force for new product ideas.

These components make TERRACON® patio accessories a professional and indispensable component in the laying of patio decking. The coordinated products offer solutions for a wide range of setup situations and facilitate efficient and convenient decking construction. Maintenance-free and high-quality materials and structural wood protection guarantee a long service life for your decking.



First application in practice

Quality control for samples



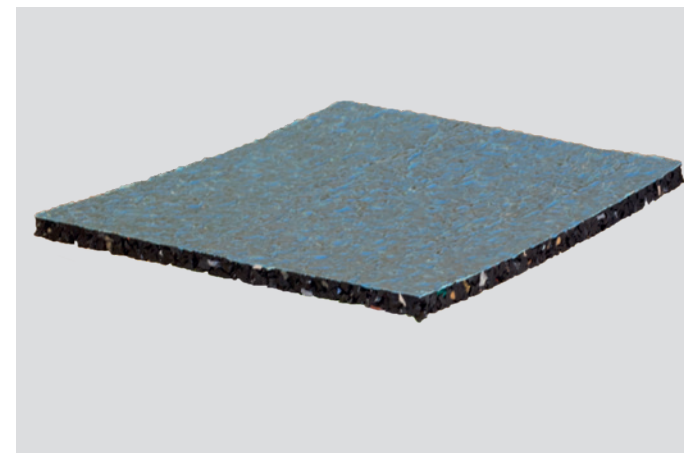
Isopad / Loftis

The special vapour-permeable rubber granulate pads ensure a long service life of the deck flooring. By selectively underlying the substructure, direct contact to the substrate is prevented, which allows water to run off unimpeded and also attenuates the impact sound of footsteps. Also perfectly suited to level out surface irregularities. With the Loftis roll, the rubber granulate is also available in a length of 2300 mm.

Product	Part no.	Dimensions	Qty. / PU	PU / box
Isopad 3 mm	6515	3x60x90 mm	60 Pcs.	16
Isopad 8 mm	6507	8x60x90 mm	24 Pcs.	16
	6520	8x60x90 mm	48 Pcs.	12
Isopad 20 mm	6514	20x60x90 mm	12 Pcs.	16
	6521	20x60x90 mm	30 Pcs.	8
Isopad for decking support pads	6610	8x192x192 mm	10 Pcs.	10
Loftis	6501	8x77x2300 mm	1 Roll	20

Advantages:

- ✓ Prevention of water logging
- ✓ Levels out minor surface irregularities
- ✓ Fits in the K&R CLIP system
- ✓ Wood protection towards the top, structural protection towards the bottom
- ✓ Dampens footstep sounds on the deck flooring
- ✓ Rot-proof materials
- ✓ Non-slip



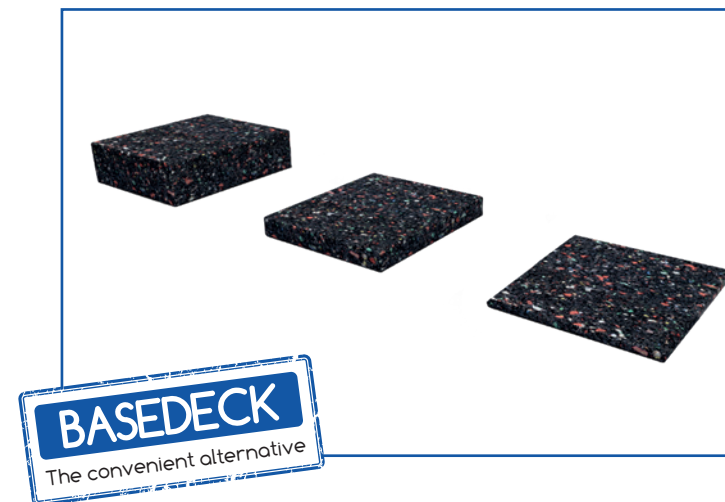
Isopad with coating

Durable and resistant protection against pressure or impact loads on high-quality seals such as roofing film or balcony waterproofing. The 3-layer composite film system is used as an integrated separation barrier for PVC seals to prevent incompatibility (plasticiser migration) of the materials. In addition, the Isopad is even more durable and tear-resistant thanks to its multi-layer laminated foil.

Product	Part no.	Dimensions	Qty. / PU	PU / box
Isopad for decking support pads	7198	8x192x192 mm	10 Pcs.	10
Levelling pad	7199	3x60x90 mm	20 Pcs.	12

Advantages:

- ✓ Prevents plasticiser migration through multi-layer laminated foil.
- ✓ Protects high-quality floor seals against pressure and impact loads
- ✓ Very durable
- ✓ Will not rot
- ✓ Prevention of water logging



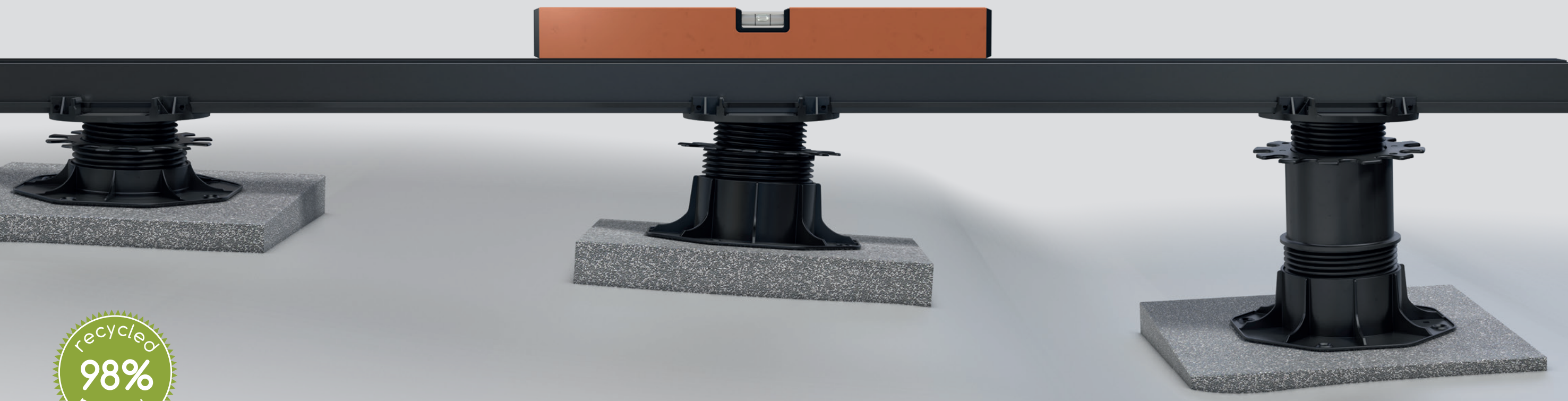
BASEDECK rubber pad

The water-permeable rubber pads protect the patio against moisture accumulation and can be used to compensate for small height differences.

Product	Part no.	Dimensions	Qty. / PU	PU / box
Rubber pad 3 mm	7128	3x70x70 mm	40 Pcs.	32
Rubber pad 8 mm	7129	8x70x70 mm	24 Pcs.	26
Rubber pad 20 mm	7130	20x70x70 mm	12 Pcs.	24

Advantages:

- ✓ Protects the patio against moisture accumulation
- ✓ Water permeability
- ✓ For levelling of small height differences
- ✓ Rot-proof rubber granulate



recycled
98%
material

Decking support pads

When building a deck, the construction of the sub-structure can be very time consuming, especially if the suitable installation surfaces (e.g. concrete slabs) must be adjusted for the decking support pads. This problem has been solved by the new generation of decking support pads whose movable head permit these areas to slope up to 8%.

TERRACON® CLIP decking support pads in conjunction with the Isostep CLIP rails - you can not build a deck any faster!



Advantages:

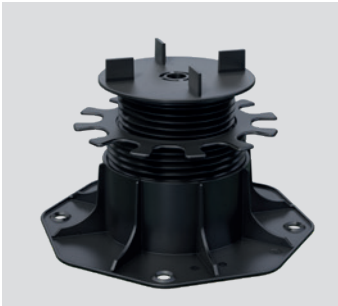
- ✓ The head piece, which is moveable in all directions, can compensate for substrate slopes of up to 8%
- ✓ The double thread allows for millimetre-accurate height adjustments by continuously turning to the right or left
- ✓ In the CLIP system, the substructure can be mounted virtually without screws by simply snapping it on
- ✓ On the levelling feet, all components are connected to each other and locked to prevent unintended unscrewing
- ✓ All decking support pads are produced in Germany.
- ✓ TERRACON® support pads have been tried and tested in practice for years. This is a high-quality product line for professional, safe and time-saving deck construction. Patio construction.
- ✓ Only four support pads cover an adjustment range of 25 to 225 mm.



Decking support pads standard



CLIP decking support pad



Decking support pads with tile spacer



FLEX / FLEX-CLIP decking support pads





All our decking support pads, as well as the adaptors are contracted out by us to be manufactured in Germany under strict quality controls.



Video Decking support pads



Decking support pads standard

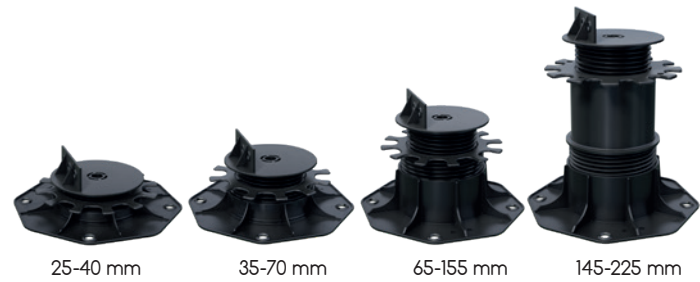
With the standard top, the decking support pads offer a support surface for any substructure profile. Screwing on the substructure on the lateral stud ensures a firm hold, while the double thread allows the entire structure to be comfortably adjusted in height.

Product	Part no.	Height adjustment	Qty. / PU	PU / box
Decking support pads Standard	7206	25 - 40 mm	1 Pc.	54
	7242	35 - 70 mm	1 Pc.	42
	7243	65 - 155 mm	1 Pc.	32
	7244	145 - 225 mm	1 Pc.	24

Carrying capacity*:

Product	Part no.	Newton / support pad	kg / support pad
Decking support pads standard	7206	7982	814
	7242	8149	831
	7243	8228	839
	7244	11718	1195

* The specified values correspond to the maximum load capacity. With higher loads, the left/right thread may slip into underlying threads.



CLIP decking support pad

With the special CLIP top, all Isostep CLIP rails can be connected quickly and without screws by simply clicking on the decking support pads. In this combination, the CLIP components make the assembly of the entire substructure even easier and faster.

Product	Part no.	Height adjustment	Qty. / PU	PU / box
decking support pads CLIP	7207	25 - 40 mm	1 Pc.	54
	7245	35 - 70 mm	1 Pc.	42
	7246	65 - 155 mm	1 Pc.	32
	7247	145 - 225 mm	1 Pc.	24

Carrying capacity*:

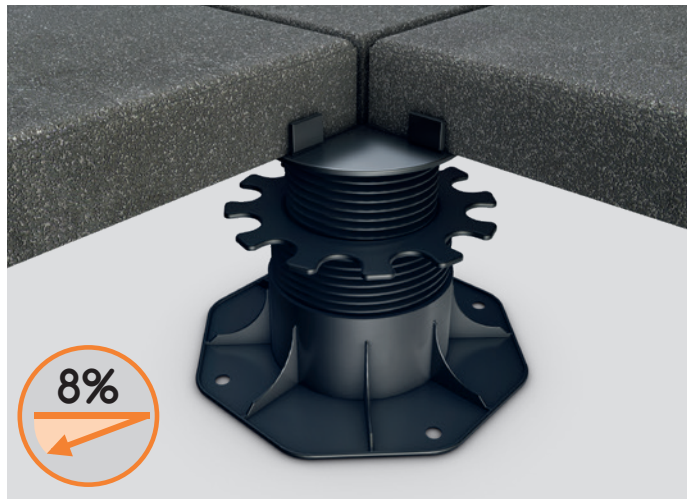
Product	Part no.	Newton / support pad	kg / support pad
CLIP decking support pad	7207	7982	814
	7245	8149	831
	7246	8228	839
	7247	11718	1195

* The specified values correspond to the maximum load capacity. With higher loads, the left/right thread may slip into underlying threads.



Advantages:

- ✓ Quick substructure configuration
- Connection with Isostep CLIP rails
- ✓ Installation almost completely without screws



Decking support pads with tile spacer

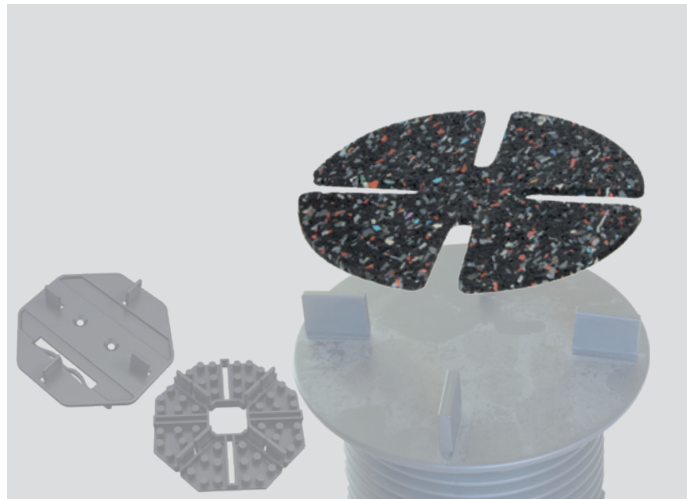
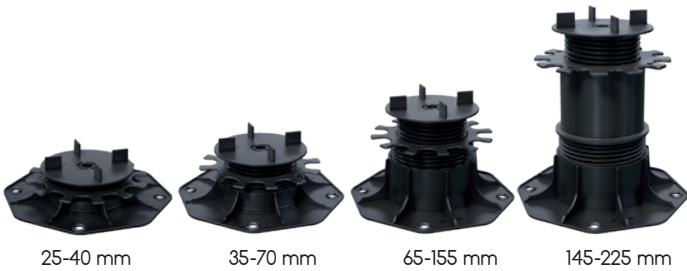
The decking support pads with the special tile spacer top are perfectly suited for levelling when laying flagstones. The joint width is 3 mm, and surface irregularities are easily levelled thanks to the flexible head, as with any of the decking support pads.

Product	Part no.	Height adjustment	Qty. / PU	PU / box
Decking support pads with tile spacer	7208	25 - 40 mm	1 Pc.	54
	7248	35 - 70 mm	1 Pc.	42
	7249	65 - 155 mm	1 Pc.	32
	7250	145 - 225 mm	1 Pc.	24

Carrying capacity*:

Product	Part no.	Newton / support pad	kg / support pad
Decking support pads with tile spacer	7208	7982	814
	7248	8149	831
	7249	8228	839
	7250	11718	1195

* The specified values correspond to the maximum load capacity. With higher loads, the left/right thread may slip into underlying threads.



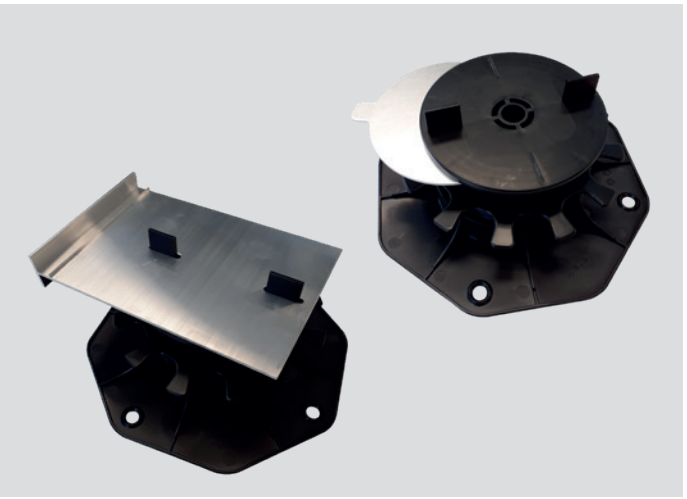
Isopad for decking support pads with tile spacer, M-Fix and P-Fix

This support pad made from rubber granulate is tailored to three products. Due to its quality, it is a perfect and indispensable add-on product when laying patio tiles.

Product	Part no.	Height	Qty. / PU	PU / box
Isopad for - decking support pads with tile spacer, - M-Fix - P-Fix	7197	3 mm	15 Pcs.	36

Advantages:

- ✓ Stone tiles will not slide
- ✓ Sound insulation
- ✓ Height compensation
- ✓ Splittable
- ✓ Flexible use with three products

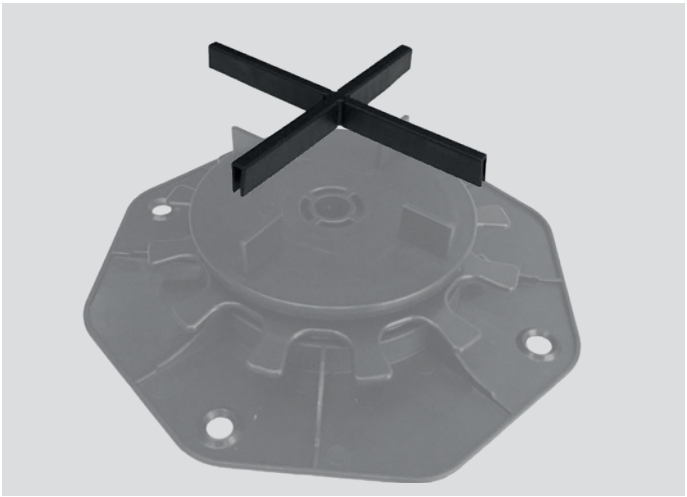


Edge-Fix incl. stabilising panel for decking support pads with tile spacer

The three-part Edge-Fix prevents slippage of the panels in the edge area when laying patio tiles on the decking support pads with tile spacer.

In addition, it stabilises the decking support pads in the edge area by fixing the flexible head.

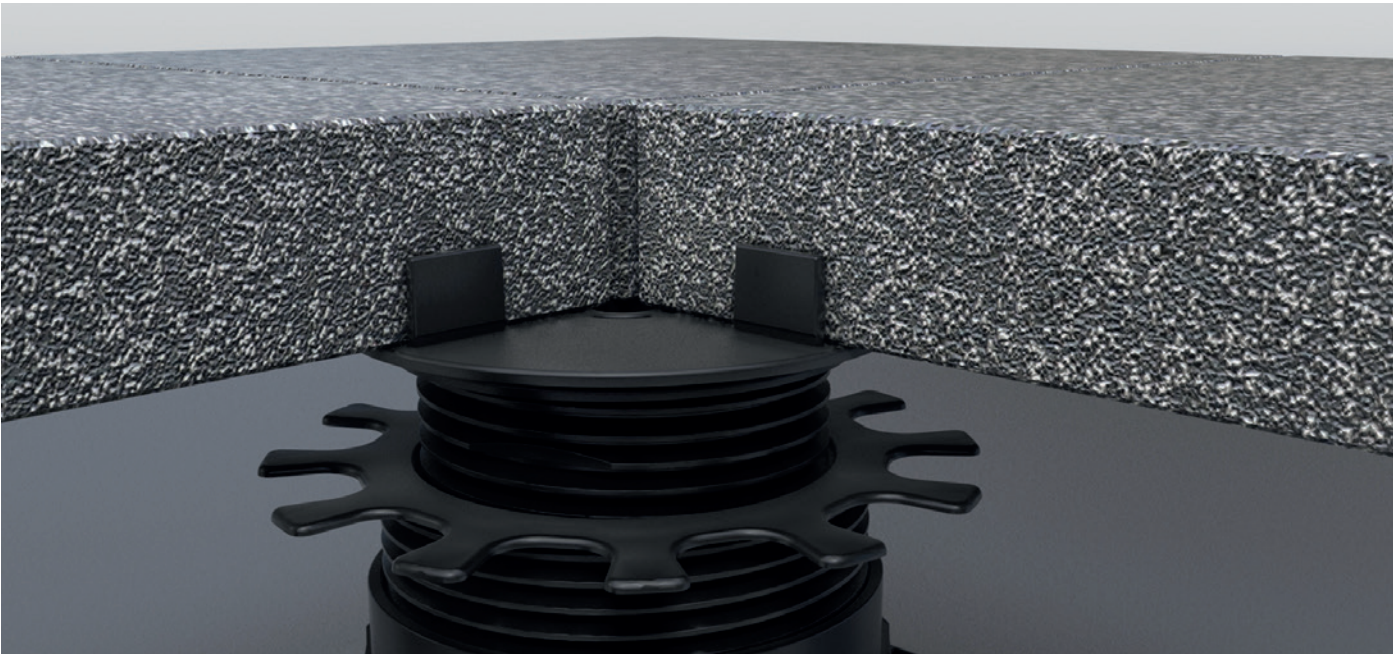
Product	Part no.	Qty. / PU	PU / box
Edge-Fix incl. stabilising panel for decking support pads with tile spacer	7390	1 Set	15
Stabilising panel for decking support pads with tile spacer	7417	15 Pcs.	8

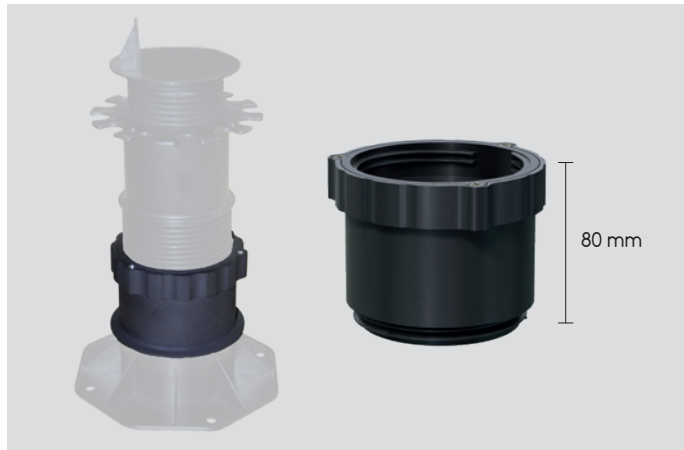


Tile spacer adapter

The tile spacer adapter is suitable for increasing the bridge width for decking support pads with tile spacer and/or M-Fix from 3 mm to 5 mm.

Product	Part no.	Qty. / PU	PU / box
Tile spacer adapter	7209	60 Pcs.	10



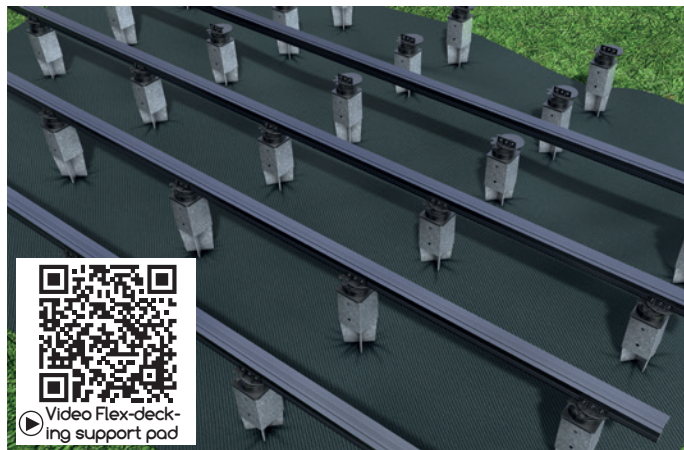


Height adapters for decking support pads

The adapter can be bolted to any standard, CLIP and tile spacer decking support pad, giving the levelling feet an additional adjustment height of 80 mm.

Product	Part no.	Height	Qty. / PU	PU / box
Adapter for decking support pads*	6955	80 mm	1 Pc.	30

*Suitable for all TERRACON® decking support pads, except for Basedeck.



Flex / Flex-CLIP decking support pads for use in spiked post holders

Flex decking support pads feature a special receptacle for ground sleeves 91 x 91 mm. The height and the horizontal deviations can be compensated for thanks to the flexible head and moveable turntable.

Height adjustability: 42 - 87 mm

Horizontal adjustability:

20 mm off centre to the right or left

Maximum angle of inclination:

5% to each side (corresponds to about 8 cm to 1 metre)

Product	Part no.	Qty. / PU	PU / box
Flex decking support pad	6957	1 Pc.	24
Flex-CLIP decking support pad	6967	1 Pc.	24

Carrying capacity*:

Product	Part no.	Newton / support pad	kg / support pad
Flex / Flex-CLIP decking support pads	6957 / 6967	5935	605

* The specified values correspond to the maximum load capacity. With higher loads, the left/right thread may slip into underlying threads.

Advantages:

- ✓ Precise fit for standard ground socket 91 x 91 mm
- ✓ Not required to precisely prepare the substrate
- ✓ Horizontally adjustable

We recommend: After the drive-in sleeves have been pounded into the ground, the distance between their head and the ground level should be 4 cm. If the ground is too soft, the hole for the drive-in sleeve will need to be pre-drilled with an auger and filled with concrete before the embedding. This guarantees a more stable base.



Decking support pads base

With the top, the decking support pads offer a support surface for any substructure profile. They are screwed on the lateral stud.

Product	Part no.	Height adjustment	Qty. / PU	PU / box
Decking support pads with tile spacer	7122	40 - 70 mm	1 Pc.	48
	7123	70 - 130 mm	1 Pc.	36
	7124	130 - 250 mm	1 Pc.	24

Advantages:

- ✓ Easy height adjustment from 40 - 250 mm.
- ✓ Adjustable with rotating ring



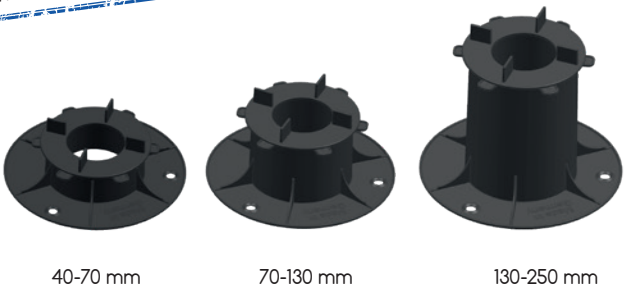
Decking support pad base with tile spacer

The decking support pads with tile spacer top are perfectly suited for levelling when laying flagstones. The joint width is 3 mm.

Product	Part no.	Height adjustment	Qty. / PU	PU / box
Decking support pads with tile spacer	7190	40 - 70 mm	1 Pc.	60
	7191	70 - 130 mm	1 Pc.	40
	7192	130 - 250 mm	1 Pc.	24

Advantages:

- ✓ Easy height adjustment from 40 - 250 mm.
- ✓ Adjustable with rotating ring





Video
Isostep-CLIP

Aluminium substructure

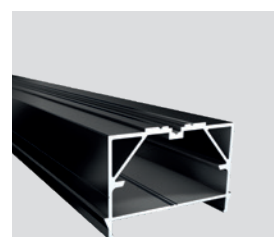
A substructure made from aluminium is now state of the art when constructing a patio. Compared to wood, aluminium offers a number of advantages, such as a higher load-bearing capacity and thus the possibility of bridging larger spans, faster and waste-optimised assembly, a high degree of durability and, ultimately, the dimensional stability of the rails.

The CLIP rails (BIG- and TWIXT-Isostep as well as Isostep-H), in combination with the decking support pad CLIP, allow for quick, uncomplicated and almost screw-free assembly with a simple click. The Isostep rail, which is only 23 mm high, is the ideal solution if only very low construction heights are possible, such as on balconies.

Decking boards and/or ceramic tiles can be laid on the rails from the CLIP system and Isostep using the appropriate accessories (ONE system for ALL coverings).

Advantages:

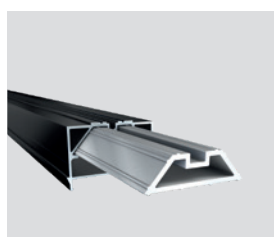
- ✓ Suitable for all patio coverings
- ✓ Ideal when large spans, e.g. on a gradient, have to be bridged
- ✓ Screw-free and therefore fast assembly possible using the CLIP system
- ✓ High durability due to rot-proof materials
- ✓ Solution for low construction heights from 23 mm
- ✓ Dimensionally stable
- ✓ Powder-coated surface in black RAL 9005
- ✓ Resistant to tannic acid



Isostep-CLIP



Isostep



Connector



Corner joint



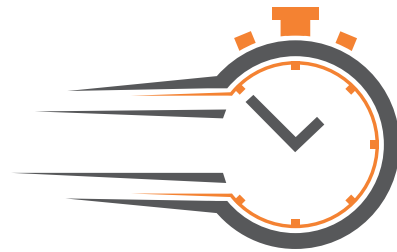
DA-connector



NEW!

*The fastest way
to build a deck!*

Our best aluminium rails – now even better!



We have developed a screw channel for the proven CLIP rails, which reduces the assembly time when screwing the decking in place by up to 30% compared to conventional aluminium rails. Due to the precise screw guidance, the fastening screw is screwed in much more easily and thus cuts into the aluminium substructure much faster.

What's more, thanks to precise adjustments to the profile cross-section of the BIG Isostep, only ONE connector is now required for the TWIXT and BIG Isostep. This means that both rails can be combined safely, stably and are statically loadable. The creation of a substructure for the patio is made considerably easier in the event of a significant ground profile (e.g. sloping insulation), as it is very easy to change to a different profile thickness when extending the aluminium substructure.

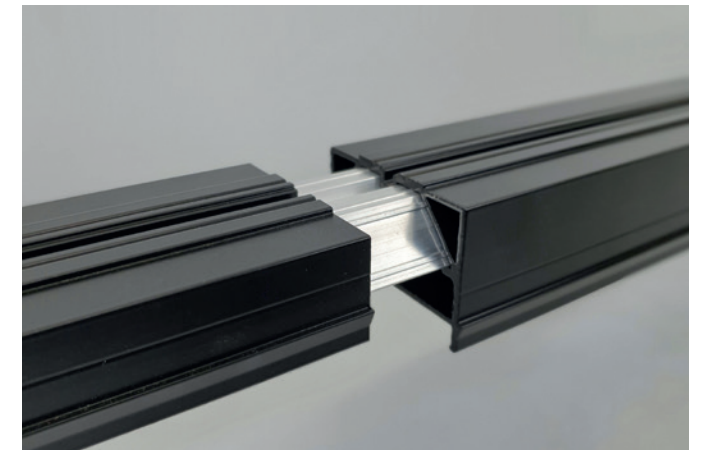
The MEGA Isostep not only conveys enormous strength through its appearance, but can also easily bridge a distance of up to 3000 mm between two support points. This makes this Isostep rail ideal for special or excessive ground profiles. In addition, like all other CLIP rails with the new screw channel, it has the special receptacle for underlaying with TERRACON® Isopads 60x90x20 mm and is equipped with the lateral latches for clicking onto the CLIP decking support pad for even faster installation.



Screw channel to screw in
the screws quickly

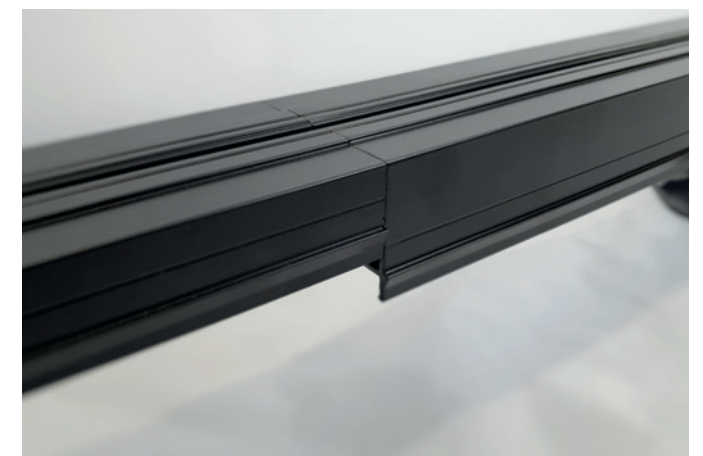


ONE connector for BIG and
TWIXT Isostep



Advantages:

- ✓ Up to 30% faster installation compared to conventional aluminium rails
- ✓ Precise screw guidance through screw channel
- ✓ Easy connection of BIG and TWIXT Isostep with just ONE connector



MEGA-Isostep

RAL 9005

Distance between two pedestal centres: up to 3000 mm

BIG-Isostep

RAL 9005

Distance between two pedestal centres: up to 1100 mm

TWIXT-Isostep

RAL 9005

Distance between two pedestal centres: up to 800 mm

Isostep-H

Distance between two pedestal centres: up to 750 mm

CLIP rails

The Isostep CLIP rails made from powder-coated aluminium ensure a durable, stable and professional construction of the deck. Thanks to the very large span of the rails, fewer pedestal centres are required when preparing the substrate. To make the construction of the entire substructure as easy and quick as possible, all rails are equipped with lateral latches to easily snap on the units to the decking support pad CLIP. In addition, the rails feature a special receptacle for underlying with TERRACON® Isopads 60 x 90 mm.

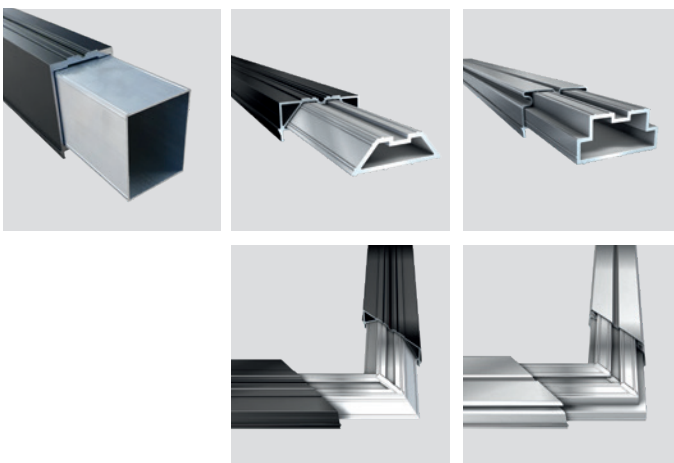
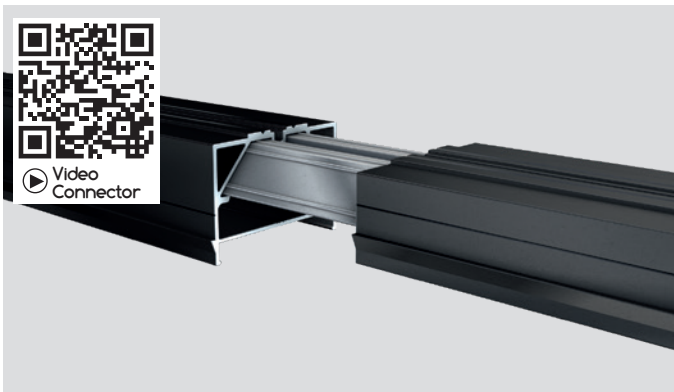
Product	Part no.	Dimensions	Qty. / PU	PU / pallet
MEGA-Isostep*	9103	64x95x4000 mm (68 mm incl. latches)	1 Pc.	64
BIG-Isostep*	9069	64x45x4000mm (68 mm incl. latches)	1 Pc.	64
TWIXT-Isostep*	7439	64x30x4000mm (68 mm incl. latches)	1 Pc.	64
	9068	64x30x4000mm (68 mm incl. latches)	1 Pc.	64
Isostep-H	7125	64x40.5x3000 mm (68 mm incl. latches)	1 Pc.	64

*powder coated RAL 9005

Advantages:

- ✓ Fewer pedestal centres of the substructure due to the large span
- ✓ Up to 30% faster installation compared to conventional aluminium rails
- ✓ Endless and waste-optimised extension with mating connector
- ✓ Special receptacle for Isopads
- ✓ CLIP system: simple snap-on system instead of cumbersome bolting





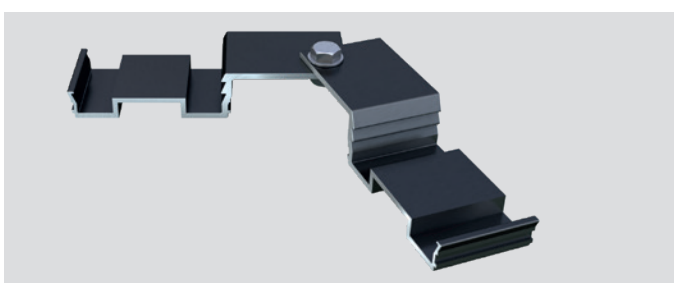
Connector / corner connectors for Isostep CLIP rails

The right connector for every Isostep CLIP rail. By simply plugging into the rail, the substructure can be extended waste-optimised without compromising the load capacity. The corner connectors are ideally suited for a substructure frame in case it is not possible to fix the substructure to the ground on site.

Product	Part no.	Dimensions	Qty / PU	PU / box
Connector MEGA-Isostep	9107		4 Pcs.	8
Connector BIG-/TWIXT-Isostep	6961	18x59x196 mm	4 Pcs.	8
Connector Isostep-H	7204	Length: 196 mm	4 Pcs.	8
Corner joint BIG-/TWIXT-Isostep	6966	18x59 mm, leg length: 180 mm	2 Pcs.	4
Corner joint Isostep-H	6989	29x60 mm, leg length: 180 mm	2 Pcs.	4

Advantages:

- ✓ Waste-optimised assembly of the substructure
- ✓ No additional underlay in the longitudinal joint of the rail
- ✓ Quick and easy installation of a frame construction



Variable corner joint for Isostep CLIP rails

The variable corner connector is a problem-solver for all angles outside 90° that must be formed with Isostep Clip rails (BIG / TWIXT / Isostep H). With the help of the corner connector, any angle (obtuse to acute) can be created professionally and quickly. By attaching the corner connector to the underside of the aluminium rail, there are no restrictions on the planning of the patio covering.

Product	Part no.	Dimensions	Qty / PU	PU / box
Variable corner joint fo BIG-, TWIXT- and Isostep-H	7419		Set	8

Advantages:

- ✓ Corner solution for angles outside 90°
- ✓ Universally applicable for all Isostep Clip rails
- ✓ Convenient clip mounting on the underside of the clip rails
- ✓ No impairment when laying the patio covering



BASEDECK

The convenient alternative

Distance between two pedestal centres: up to 700 mm

BASEDECK

The convenient alternative

Distance between two pedestal centres: up to 700 mm

BASEDECK

The convenient alternative

BASE-Isostep

The Isostep base is an aluminium substructure in alublank with proven lower clamping receptacle for Isopads.

Product	Part no.	Dimensions	Qty. / PU	PU / pallet
BASE-Isostep	6508	64,5x35x4000 mm	1 Pc.	80

Advantages:

- ✓ Receptacle for Isopads
- ✓ Endless and waste-optimised extension with mating connector

Alu-UK 50x30

A simple aluminium rail as a permanent solution for the substructure of the deck. The 50 x 30 mm profile is available in alublank and black powder coated.

Product	Part no.	Dimensions	Qty. / PU	PU / pallet
Aluminium substructure 50 x 30 foil pressed	7170	50x30x3000 mm	1 Pc.	150
Alu-UK 50x30 RAL 9005	7171	50x30x3000 mm	1 Pc.	150

Advantages:

- ✓ Durable material for the substructure
- ✓ Endless and waste-optimised extension with mating connector

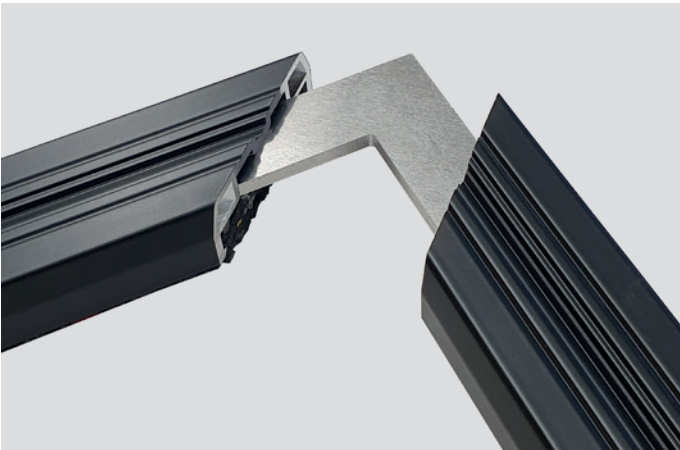
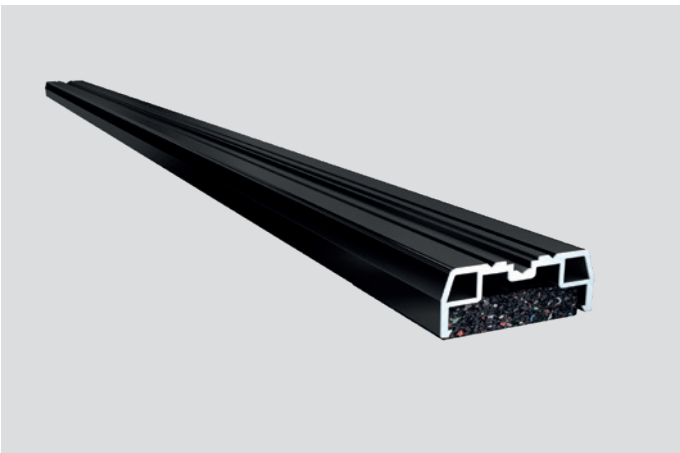
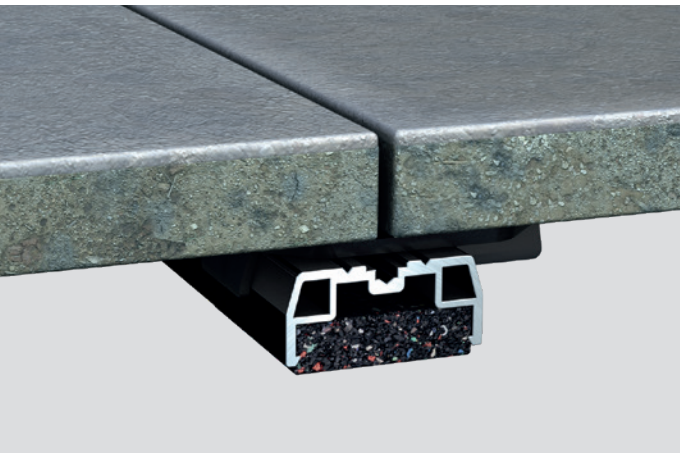
Connector / corner connectors

Matching connectors for the Isostep base and aluminium substructure 50 x 30 mm. By plugging into the substructure, the rails can be extended waste-optimised without compromising the load capacity. The corner connectors are suitable for a substructure frame.

Product	Part no.	Dimensions	Qty. / PU	PU / box
Connector BASE Isostep	7173	Länge: 196 mm	4 Pc.	8
Corner connector BASE Isostep	7391	Schenkel-länge: 180 mm	2 Pc.	4
Aluminium substructure connector 50x30	7172	Länge: 196 mm	4 Pc.	5
Aluminium substructure corner connector 50x30	7392	Schenkel-länge: 180 mm	2 Pc.	4

Advantages:

- ✓ Waste-optimised assembly of the substructure
- ✓ No additional underlay in the longitudinal joint of the rail



Isostep

With a total height of just 23 mm, the Isostep substructure profile is the solution for flat superstructural parts. Thanks to its low height, the rail is perfectly suited for use on level surfaces such as concrete floors, paving, and tiles and can be used wherever a low structure is required due to the installation situation (e.g. balcony).

Isostep is a powder-coated aluminium substructure with an integrated rubber granulate insert.

Product	Part no.	Dimensions	Qty / PU	PU / box
Isostep	9104	40x23x1800 mm	1 Pc.	10
Isostep	9105	40x23x3600 mm	1 Pc.	50
Drilling screw stainless steel	6816	4,8x40 mm	100 Pcs.	10
	7148	4,8x40 mm	500 Pcs.	1
	6931	4,8x45 mm	100 Pcs.	10
	7149	4,8x45 mm	500 Pcs.	1

Advantages:

- ✓ Low structural height increase of only 23 mm
- ✓ Continuously extendible
- ✓ No added substructures needed
- ✓ Sound insulation
- ✓ Non-slip
- ✓ Structural protection towards the bottom and wood protection on top

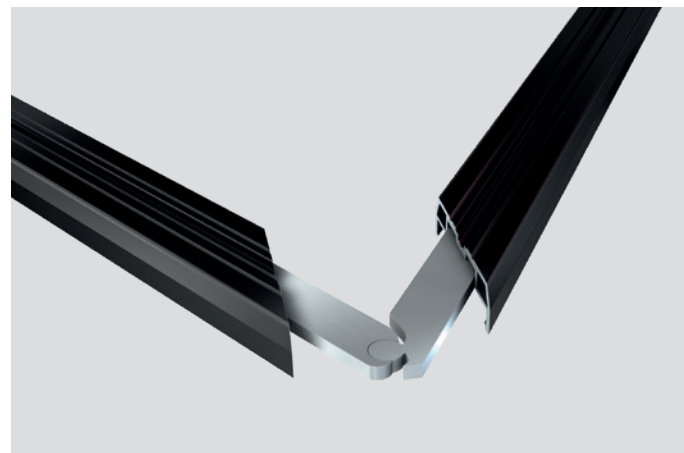
corner connectors for Isostep rails

The 90° corner connector facilitates the creation of a frame construction for Isostep.

Product	Part no.	Dimensions	Qty / PU	PU / box
corner connectors for Isostep rails incl. screws	7422	leg length: 80 mm	4 Pcs.	4

Advantages:

- ✓ Corner solution for angles of 90°



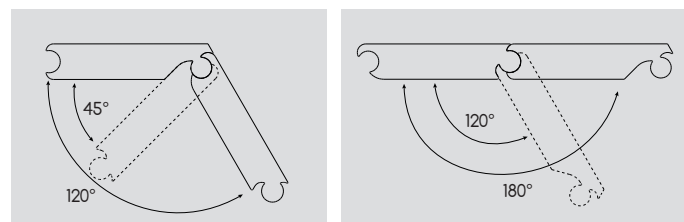
Variable corner connector for Isostep rails

The specially developed corner connector for Isostep can easily form corners with angles ranging from 45° - 180°. The variable adjustability allows the Isostep substructure to be adapted individually to suit the local conditions.

Product	Part no.	Dimensions	Qty / PU	PU / box
Variable corner connector for Isostep	7418	leg length: 95 mm	Set	8

Advantages:

- ✓ Corner solution for angles from 45° - 180°
- ✓ No impairment when laying the patio covering



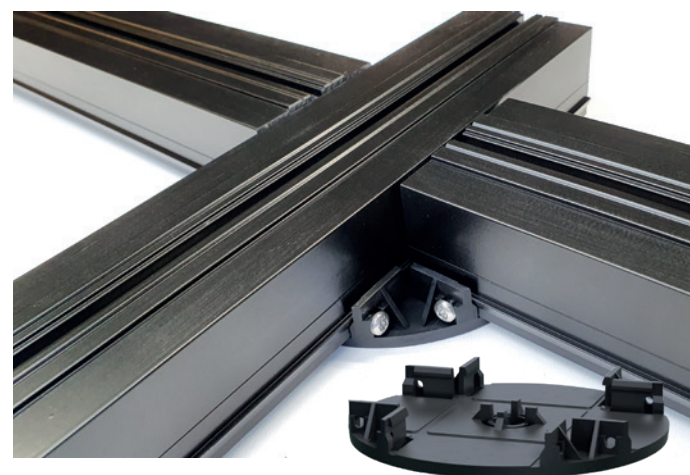
DA connectors – for creating diagonal reinforcement

The DA connector facilitates quick and easy diagonal bracing of our Isostep CLIP rails if you do not need to compensate for any height differences with decking support pads.

Product	Part no.	Installation height	Qty / PU	PU / box
DA connectors	9081	5 mm	1 Pc.	20

Advantages:

- ✓ Easy cross bracing of the TWIXT/BIG Isostep CLIP rail
- ✓ Made of recycled plastics



DA angle

Aluminium bracket for diagonal bracing of aluminium substructure 50 x 30 and BASE-Isostep.

Product	Part no.	Abmessung	Qty. / PU	PU / box
DA angle	7393	35x35x3 mm	30 Pcs.	8



BASEDECK
The convenient alternative



✓ Reduced decking support pads

✓ Waste-optimised Assembly with aluminium substructure connector

✓ Less installation work

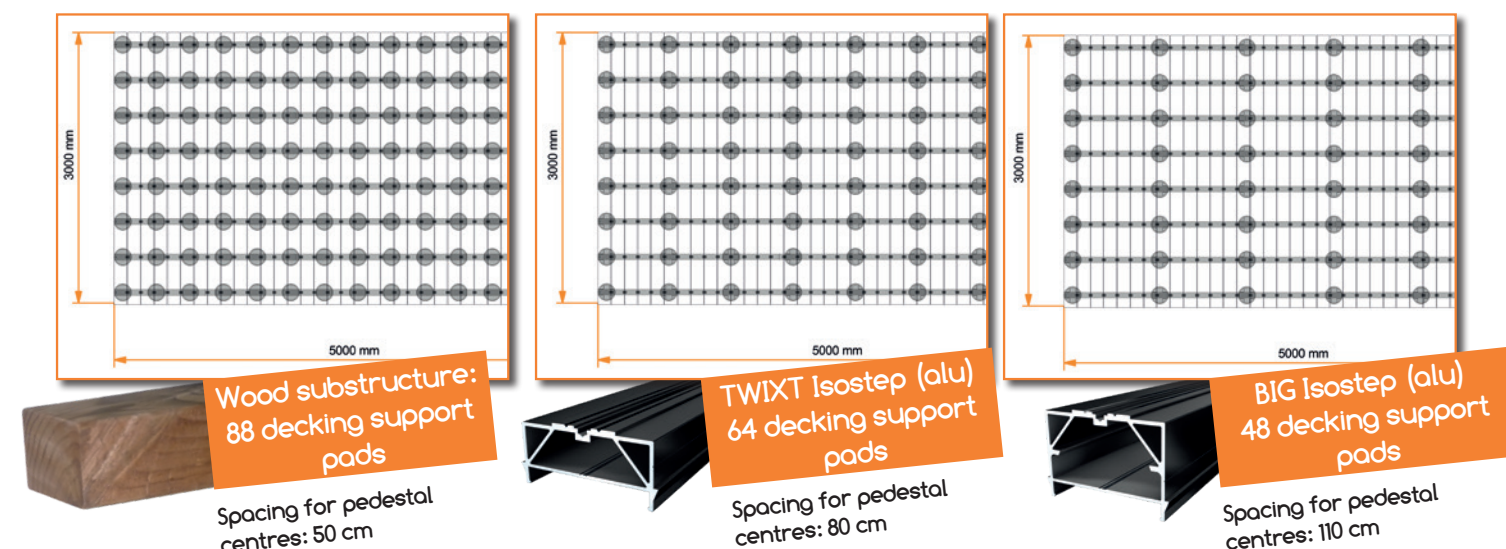
✓ Time saved due to less alignment work of the substrate

= COSTS SAVED

Aluminium is more affordable than wood!

The average terrace deck surface area is 15 m². The following example illustrates the consequences of using sub-structures made of wood or aluminium and their different structural load capacity. This example is based on the following assumptions:

- The entire deck must be height-adjusted and underpinned with decking support pads
- The substructure distance breadthwise is 40 cm
- The boards are laid without butt joint

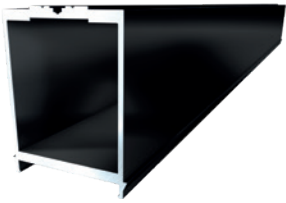
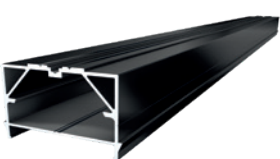
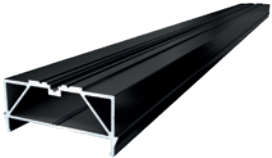


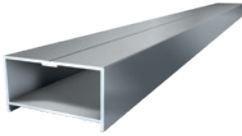

Up to 40 decking support pads can be saved by using an aluminium substructure!

✓ **COST SAVINGS:** The cost savings due to the lower number of decking support pads needed outweigh the higher price of an aluminium substructure compared to a wooden substructure for surfaces areas as small as 5 m²! In addition, waste-optimised assembly is possible with the aluminium substructure by using connectors.

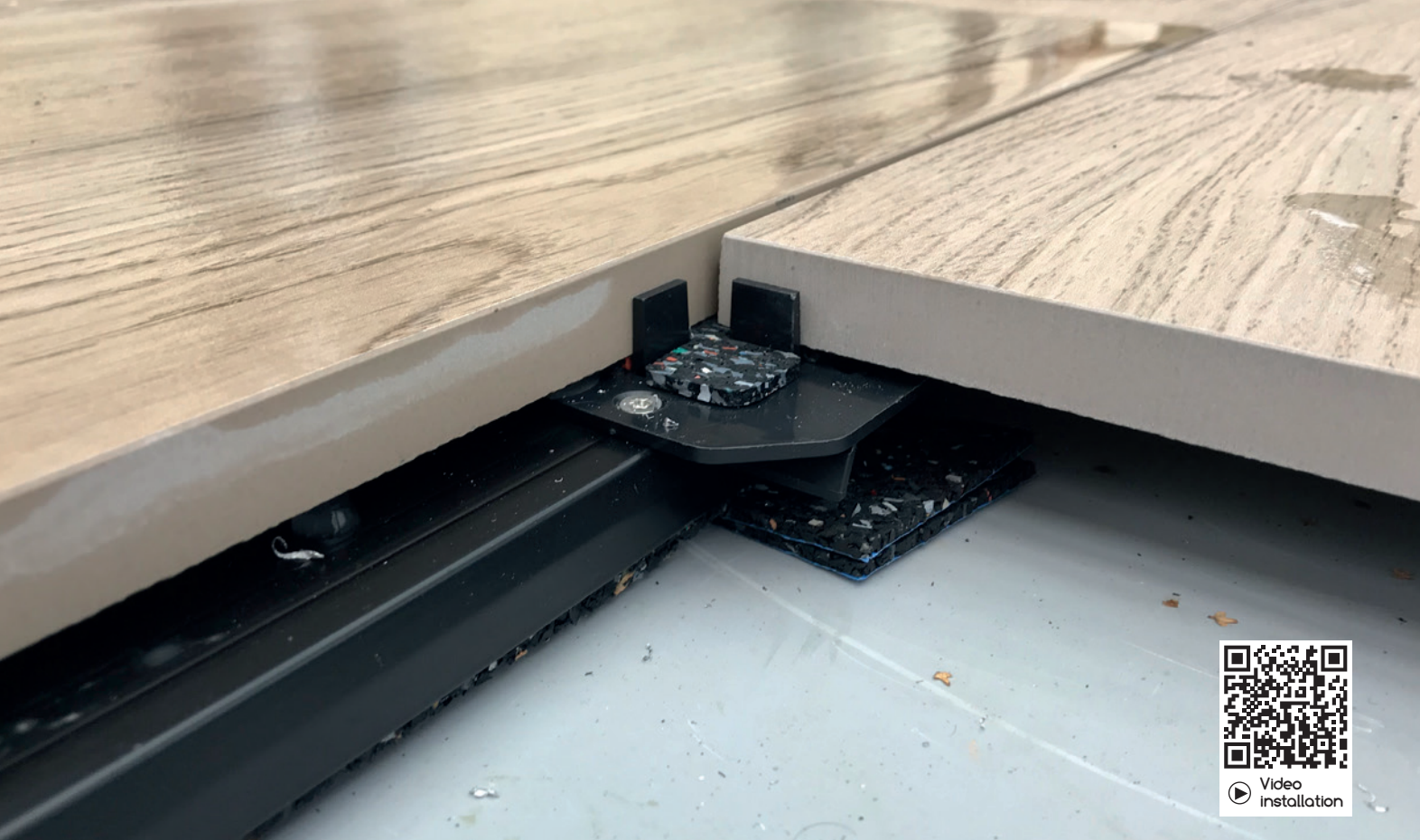
✓ **TIME SAVING:** Fewer decking support pads = less time needed for adjusting a suitable mounting surface. When using the new decking support pads with flexible tops, it is no longer necessary to spend a lot of time aligning the mounting surface, as these permit a slope of up to 8%. When using our CLIP decking support pads with the TWIXT / BIG-Isostep rails, additional time is saved by simple snapping on the units instead of cumbersome bolting.

Overview of aluminium substructures

characteristics	MEGA-Isostep	BIG-Isostep	TWIXT-Isostep
			
Special feature:	The distance between two pedestal centres can be mounted up to 3.000 mm without any problems	Due to the large distances between the pedestal centres, significantly fewer decking support pads must be aligned. In combination with a virtually screwless assembly (CLIP system), the entire substructure can be installed considerably faster.	
Dimensions:	64x95x4000 mm (68 mm incl. latches)	64x45x4000 mm (68 mm incl. latches)	64x30x4000 mm + 64x30x1900 mm (68 mm incl. latches)
Padding between two pedestal centres:	300 cm	110 cm	80 cm
Screw channel	yes	yes	yes
Wall thickness in fixing area	3 mm	3 mm	3 mm
Coating:	powder-coated RAL 9005	powder-coated RAL 9005	powder-coated RAL 9005
Screwless fixing on decking support pads possible?	yes (CLIP-System)	yes (CLIP-System)	yes (CLIP-System)
Easy fixing of a 60 x 90 mm Isopad possible?	yes	yes	yes
Does a connector exist for waste-optimised assembly?	yes	yes	yes
Sold in packs:	64 / pallet	64 / pallet	64 / pallet
Part no.	9103	9101	9100 + 9102

Isostep-H	BASE-Isostep	Alu-UK 50x30	Isostep
			
In addition to the well-known TERRACON® fasteners, the special structure also accommodates mounting brackets from Kosche. It can also be used in conjunction with the CLIP system.	Convenient entry into the substructure product range. Compared to wooden substructures, the aluminium rails have the advantage that they cannot rot and they have a much higher load capacity and dimensional accuracy.		The perfect solution if only small installation heights are possible, such as on balconies.
64x40,5x3000 mm (68 mm incl. latches)	64,5x35x4000 mm	50x30x3000 mm	40x23x1800 mm + 40x23x3600 mm
75 cm	70 cm	70 cm	40 cm
yes	no	no	yes
2,5 mm	3 mm	1,8 mm	3 mm
foil pressed	foil pressed	powder-coated RAL 9005 + foil pressed	powder-coated RAL 9005
yes (CLIP-System)	no	no	no
yes	yes	no	no (Rubber granulate substrate integrated)
yes	yes	yes	continuous extendible
64 / pallet	80 / pallet	150 / pallet	10 / box (1,80 m) 50 / pallet (3,60 m)
7125	6508	7170 + 7171	9105 + 9104





Installation of ceramic patio tiles

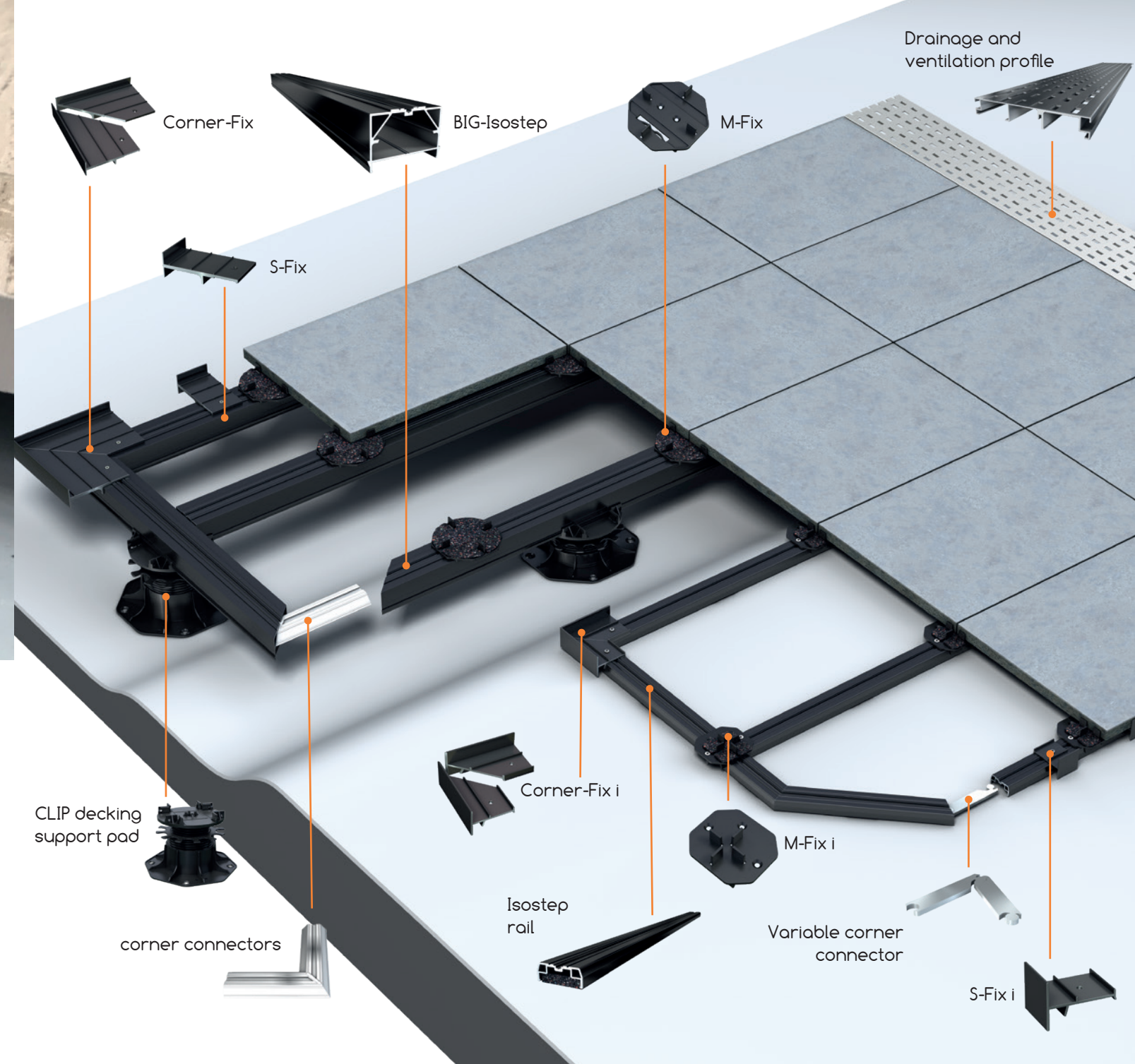
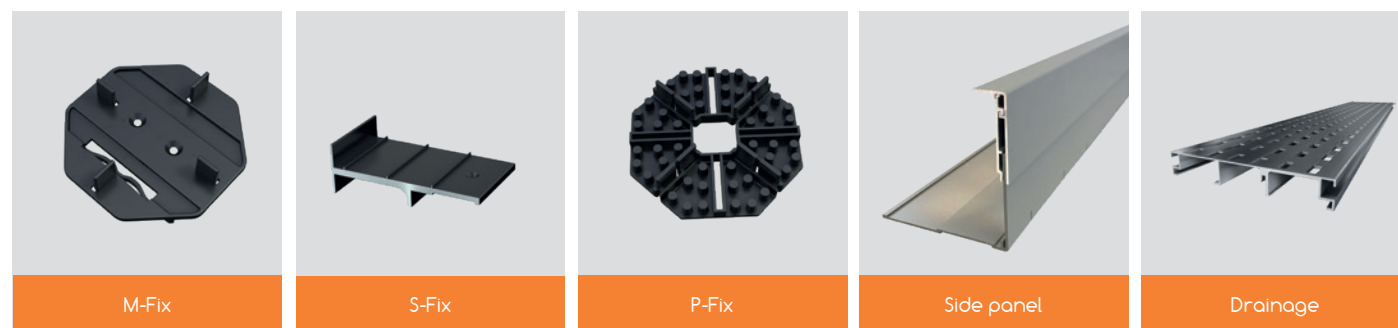
The laying of ceramic patio tiles on an aluminium substructure offers many advantages over traditional substructures such as decking support pads or a mortar or crushed gravel bed.

The system offers optimal solutions for difficult construction situations such as balconies with low construction heights, patios on a gradient and roof terraces. Installation is time-saving and temperature-independent. The laying pattern is permanently even without tripping hazards, settling of individual tiles is not possible, and, thanks to the floating installation, they can be replaced easily at any time.

Advantages:

- ✓ Time-saving and temperature-independent installation, can be walked on immediately
- ✓ Permanently even laying pattern without tripping hazards
- ✓ Optimal solution for difficult construction situations such as balconies or roof terraces
- ✓ Simple and fast side facing with gradient compensation

The system is rounded off by a simple and quick side facing that can even compensate for gradients.

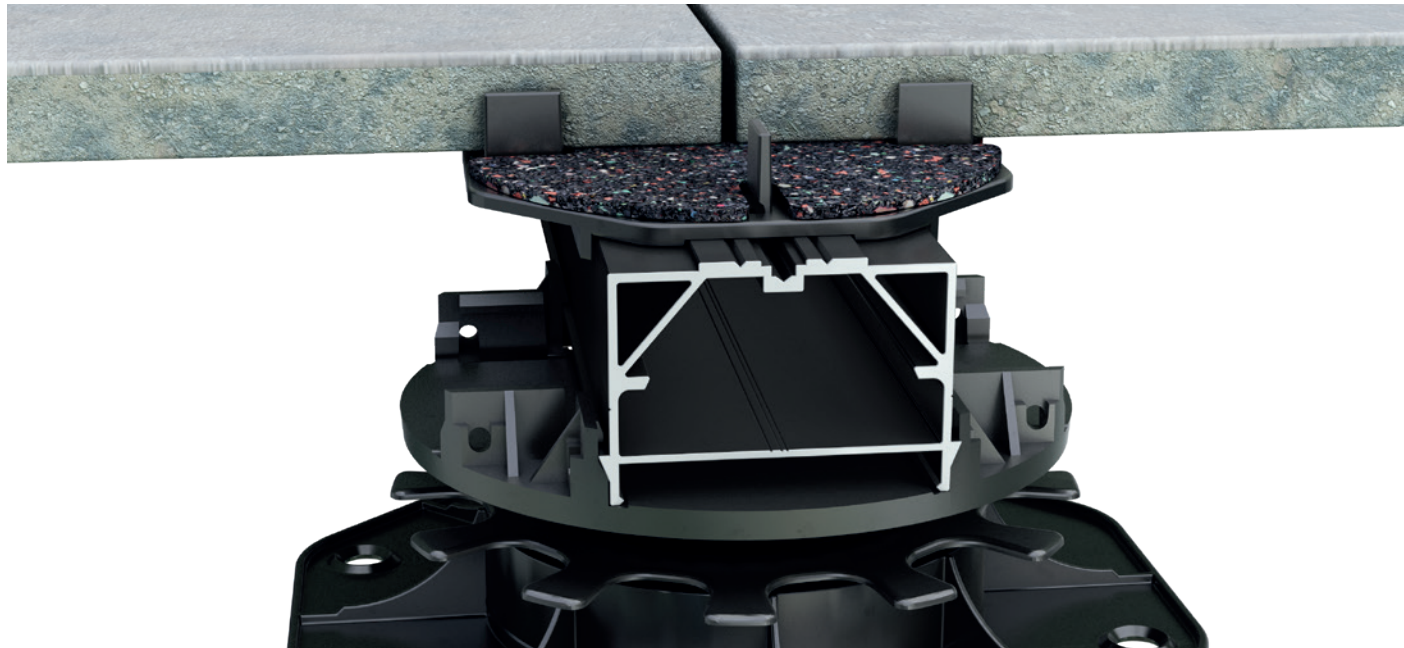


Benefits of laying panels on rails:

- ✓ Fast construction of the patio with height-adjustable decking support pads and statically loadable aluminium rails; a time-consuming and labour-intensive substructure made from crushed rock and gravel is not necessary
- ✓ In contrast to laying with drainage mortar, the installation is temperature-independent and the patio can be walked on immediately
- ✓ Settling of individual tiles is not possible. This creates a completely level and uniform laying pattern without elevations and tripping hazards
- ✓ As the tiles are fixed at the sides and therefore cannot slip, the joints are permanently dimensionally accurate over the entire surface
- ✓ Perfect for setup on roof terraces, as no attachment to the ground is necessary. It weighs considerably less than a comparable substructure with chippings.
- ✓ The system is excellent for concealing pipes and cables (easy accessibility)
- ✓ The tiles can be easily replaced at any time, retrofitting, e.g. of lamps, is not a problem
- ✓ Decking boards and/or tiles can be laid on the same substructure system (ONE system for ALL coverings)



All our fastening systems, as well as the adaptors, are contracted out by us to be manufactured in Germany under strict quality controls.



Laying ceramic tiles with the CLIP system

The proven CLIP system consisting of decking support pads and aluminium rails, supplemented by M-Fix, S-Fix and Corner-Fix, ensures that ceramic tiles can also be laid professionally on a substructure. This covering lies absolutely flat on rails, tripping hazards caused by the lowering of individual tiles or an uneven joint pattern due to the covering slipping are no longer possible with installation using the CLIP system. The appearance of the patio is thus permanently maintained.

Advantages:

- ✓ Fast and stable construction of the substructure, even on a difficult substrate
- ✓ No lowering of individual tiles possible
- ✓ A permanently even joint pattern is guaranteed by lateral fixation
- ✓ CLIP system = one system for all coverings (tiles and/or decking boards)



✓ incl. Isopod support



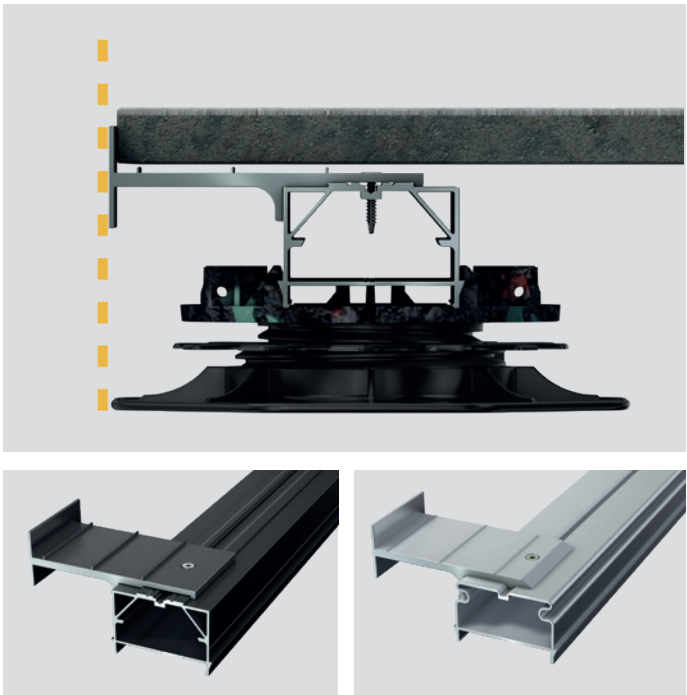
M-Fix / M-Fix-H

The M-Fix ensures a uniform joint pattern (3 mm) and, in conjunction with the rubber pad, an insulated and non-slip overlay of the panels.

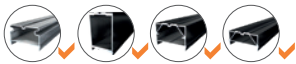
Product	Part no.	Qty. / PU	PU / box
M-Fix (for use on aluminium substructure BIG-/TWIXT-Isostep) incl. pad and drilling screws	7400	30 Pcs.	1
	7365	100 Pcs.	1
M-Fix H (for use on aluminium substructure Isostep H) including pad and drilling screws	7401	30 Pcs.	1
	7375	100 Pcs.	1

Advantages:

- ✓ Uniform joint pattern when laying boards
- ✓ Non-slip support and insulation for boards with rubber pad
- ✓ Installation height including pad 6 mm, joint width 3 mm



S-Fix / S-Fix H



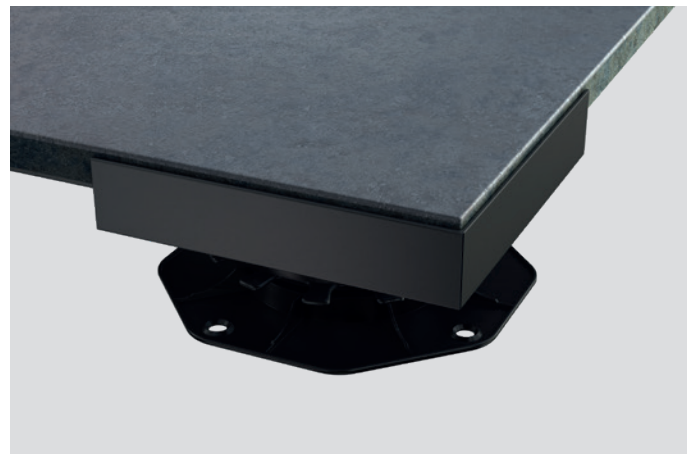
S-Fix / S-Fix-H for lateral fixation of the boards. The 5-mm thick aluminium angle prevents the boards from tilting when loads are applied to the edges. It has the same depth as the decking support pad foot, which therefore does not have to be shortened when connecting to the wall.

Product	Part no.	Qty. / PU	PU / box
S-Fix (for use on aluminium substructure BIG-/TWIXT Isostep) including drilling screw	7402	10 Pcs.	4
	7366	50 Pcs.	1
S-Fix H (for use on aluminium substructure Isostep H) incl. drilling screw	7403	10 Pcs.	4
	7367	50 Pcs.	1

Advantages:

- ✓ Lateral fixation for patio tiles
- ✓ High stability due to 5 mm material thickness
- ✓ Prevents tilting movements of the panels from edge loads





Corner Fix

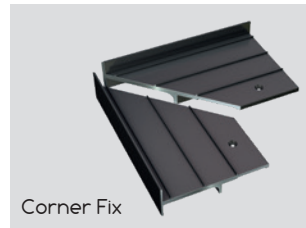


Two-piece corner fixation of the panels. The 5 mm thick aluminium angle prevents the panel in the patio corner from tilting when loads are applied to the edges. It has the same depth as the decking support pad foot, which therefore does not have to be shortened when connecting to the wall.

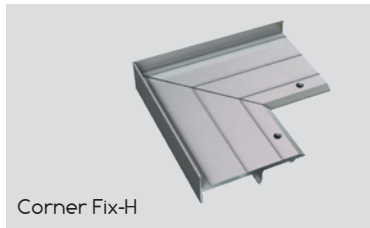
Product	Part no.	Qty. / PU	PU / box
Corner Fix	7388	Set	8
Corner Fix H	7389	Set	8

Advantages:

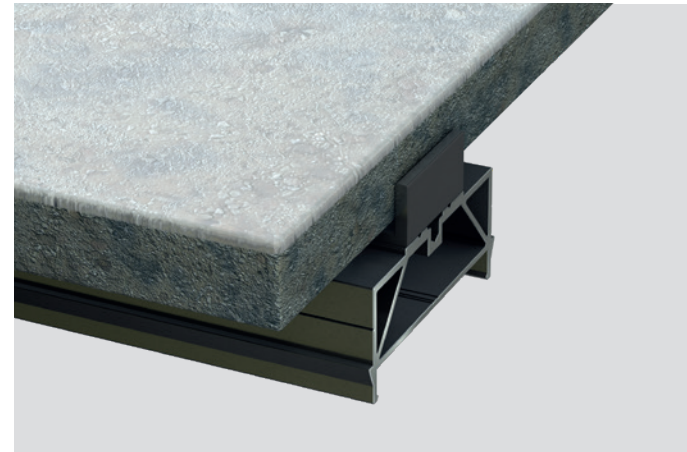
- ✓ Prevents tilting movements of the panels from edge loads
- ✓ Fixing the patio tiles in the corners
- ✓ High stability due to 5 mm material thickness



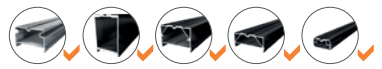
Corner Fix



Corner Fix-H



Wall-Fix

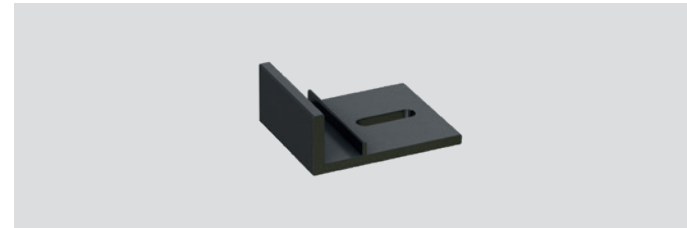


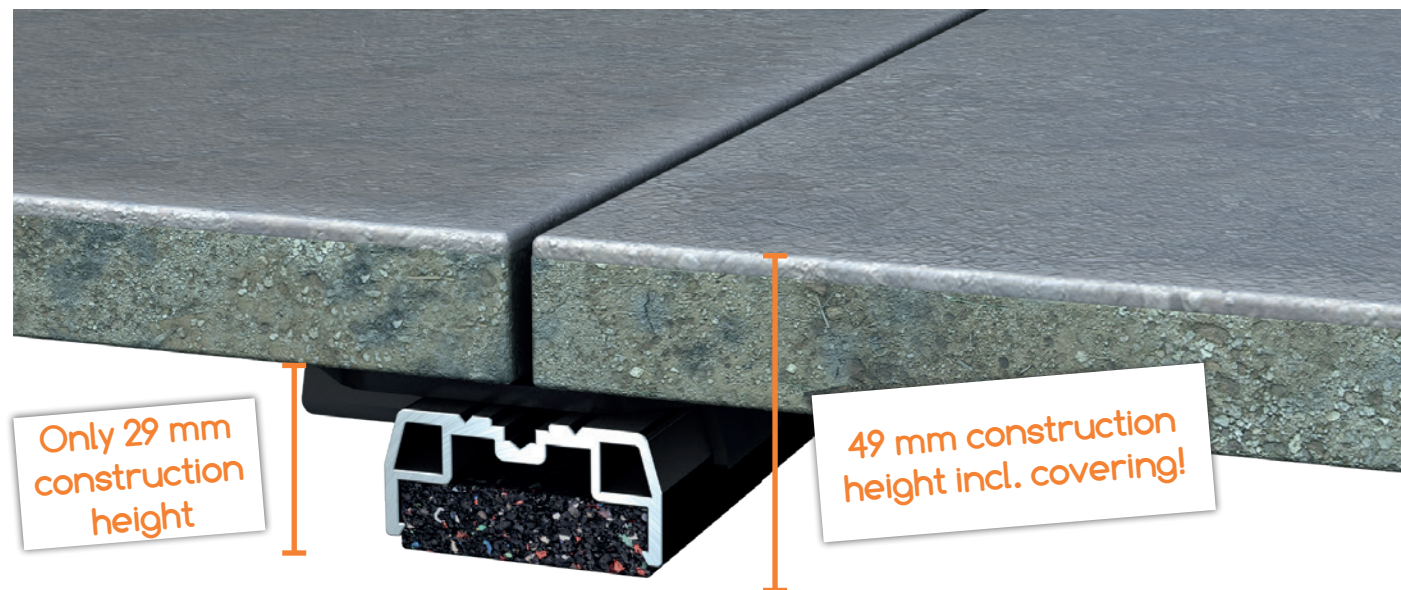
For fixing the last tiles to the front of the substructure. Can be used in areas in which a frame construction is not possible for the substructure.

Product	Part no.	Qty. / PU	PU / box
Wall-Fix	9106	50 Pcs.	4

Advantages:

- Lateral fixation of patio tiles
- Especially for fitting at the end of the substructure
- Flexible positioning for screw connection through slotted hole





Installation of ceramic tiles on Isostep rails

The installation system for ceramic patio tiles is now also available for the flat Isostep rails and is the ideal problem-solver when low construction heights are required, e.g. for balconies. These products make it possible to precisely install patio tiles, even at a low height of just 49 mm. Balcony renovations as well as patio modernisations, if construction should take place on an existing covering, can thus be implemented optimally. The displacement of the tiles is prevented, despite a floating construction, and an even joint pattern without tripping hazards is permanently maintained for the patio.

Advantages:

- ✓ Construction height only 29 mm (with tile 49 mm)
- ✓ Even assembly pattern
- ✓ Patio tiles will not slide
- ✓ Feels pleasant under your feet due to the installation on an aluminium rail
- ✓ No tripping hazards
- ✓ Ideal for balcony or patio renovations



M-Fix i



The M-Fix i offers an even joint and installation pattern (3 mm) for the installation of tiles on Isostep rails. With the corresponding rubber pad, the tile has non-slip support and damping to feel pleasant under your feet. In addition to its function as a tile support, the M-Fix i also serves as a connecting element between the inner lower edge and the frame lower edge.

Product	Part no.	Qty. / PU	PU / box
M-Fix i including pad and drilling screws	7411	30 Pcs.	1
	7412	100 Pcs.	1

Advantages:

- ✓ Even joint pattern when laying tiles
- ✓ Non-slip layer and damping for panels with rubber pad
- ✓ Connecting element for the inner lower edge with the frame lower edge
- ✓ Installation height including pad 6 mm, joint width 3 mm





S-Fix i

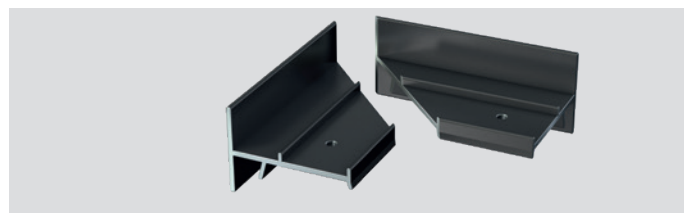


With the S-Fix i, patio tiles are laterally fixed to the Isostep rail during installation and are thus secured against slipping. What's more, the S-Fix i offers stable support for patio tiles in the edge area. The lateral overhang of the S-Fix i can be used, among other things, to install a facing profile.

Product	Part no.	Qty. / PU	PU / box
S-Fix i incl. drilling screws	7413	10 Pcs.	4
	7414	50 Pcs.	1

Advantages:

- ✓ Lateral fixing for patio tiles; prevents lateral displacement
- ✓ Support and stabilisation of the tiles at the edge
- ✓ Offers possibilities for fixing side and facing profiles in place



Corner-Fix i



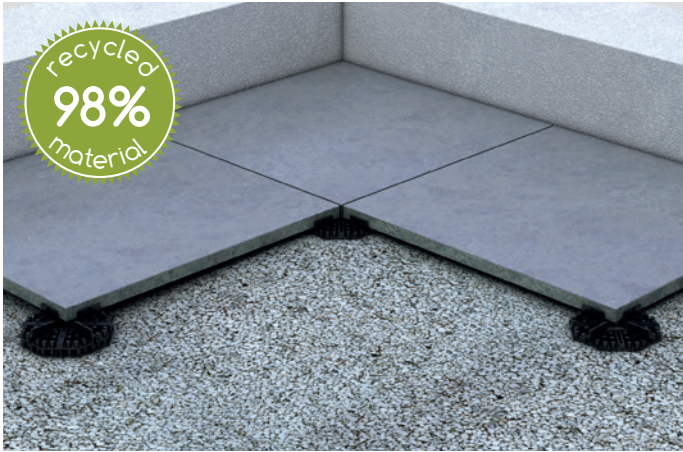
With the Corner Fix i, patio tiles are fixed to the Isostep rail in every corner during installation and are thus secured against slipping. What's more, the Corner Fix i offers stable support for patio tiles in the corner area. The lateral overhang of the Corner Fix i can be used, among other things, to install a facing profile.

Product	Part no.	Qty. / PU	PU / box
Corner Fix i, 2-part	7415	Set	8

Advantages:

- ✓ Corner fixing for patio tiles; prevents lateral displacement in the corner area
- ✓ Support and stabilisation of the tiles at the corner
- ✓ Offers possibilities for fixing facing profiles in place





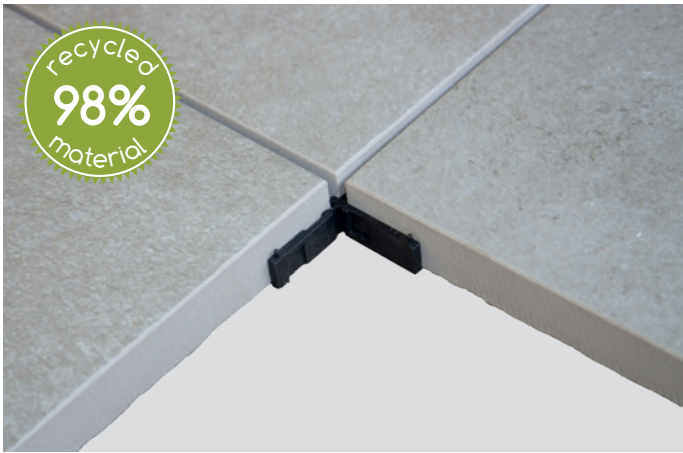
P-Fix

For easy laying of ceramic tiles on a fixed surface. The P-Fix is stackable to compensate for unevenness and can be split for laying in the area of the house wall. The P-Fix is the right solution for many installation situations.

Product	Installation height	Part no.	Qty. / PU	PU / box
P-Fix	10 mm	7368	15 Pcs.	9

Advantages:

- ✓ Easy laying of patio tiles
- ✓ Stackable and splittable for any installation situation
- ✓ Joint width 3 mm, installation height 10 mm



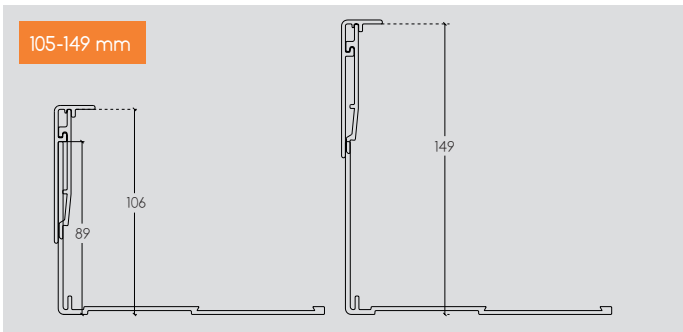
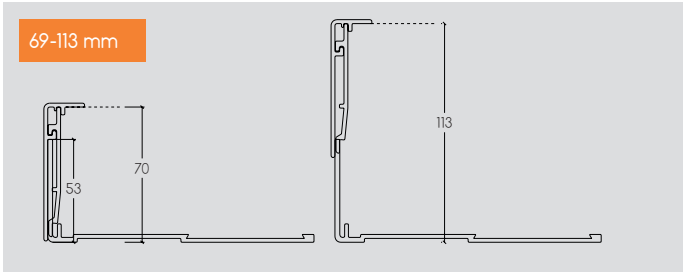
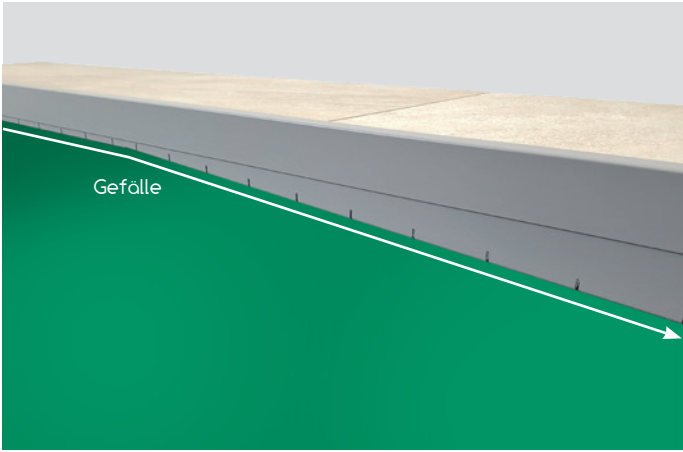
Tile spacer

The tile spacer is a classic aid to evenly lay patio tiles in mortar or chipped gravel beds. Due to the stackable function of the tile spacer, almost any tile thickness can be laid.

Product	Height	Part no.	Qty. / PU	PU / box
Tile spacer	10 mm	7369	100 Pcs.	10

Advantages:

- ✓ Even assembly pattern
- ✓ Stackable
- ✓ Joint width 3 mm



Side panel



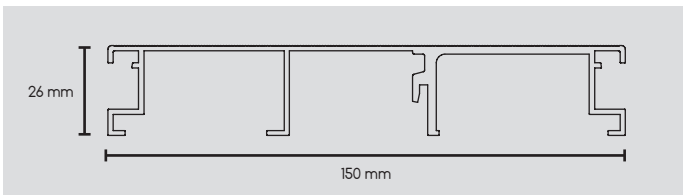
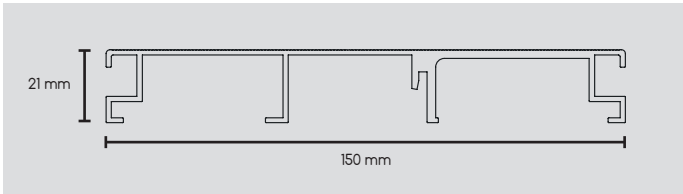
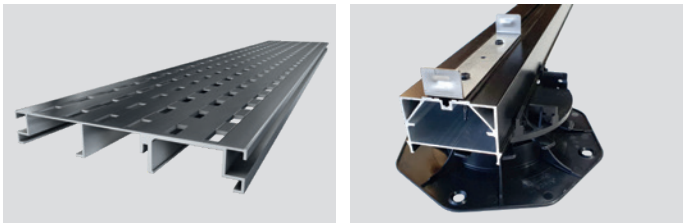
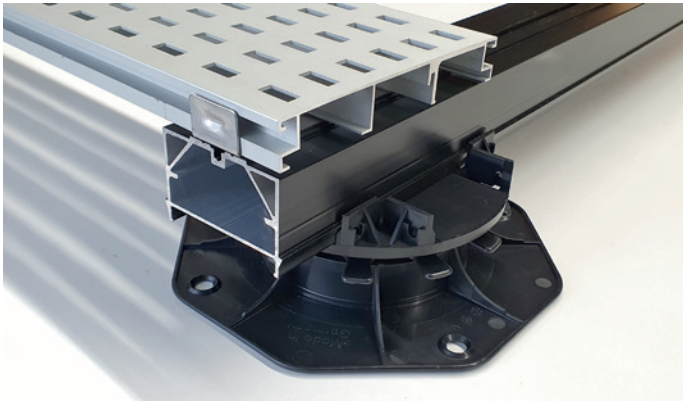
High-quality side panel made of textured powder-coated aluminium, which does not need to be fixed to the floor. Has edge protection and can flexibly compensate for uneven floors. Height 69-113 mm and 105-149 mm.

Product	Part no.	Length	Qty. / PU	PU / box
Side panel 69 - 113 mm, RAL9007	7370	1900 mm	1 Pc.	5
	7372	2990 mm	1 Pc.	20
Side panel 105 - 149 mm, RAL9007	7371	1900 mm	1 Pc.	5
	7373	2990 mm	1 Pc.	20

Advantages:

- ✓ Edge protection
- ✓ levels ground unevenness





Drainage and ventilation profile

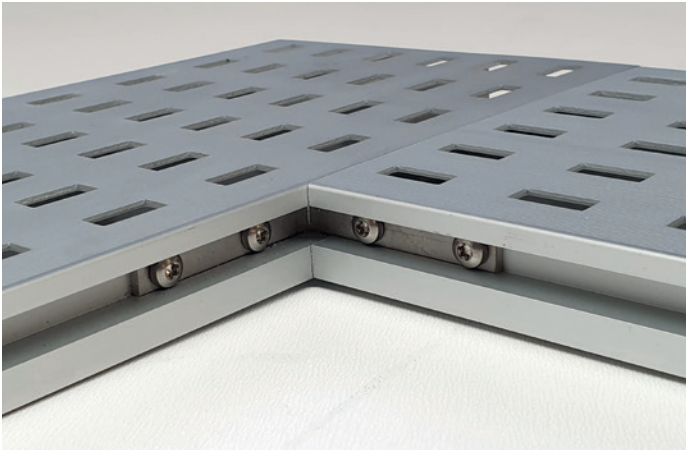
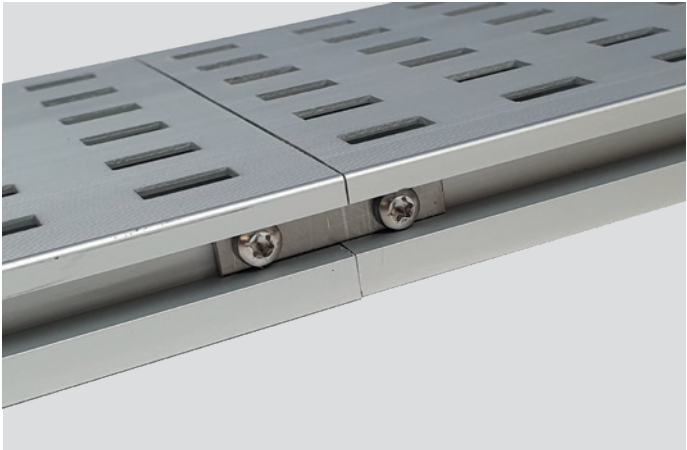
When connecting the patio directly to the façade, the drainage and ventilation profile protects against splash water and rainwater and additionally supports the ventilation of the patio decking. The drainage profile is attached directly to the substructure and is therefore independent of the height of the patio.

Product	Part no.	Dimensions:	Qty. / PU	PU / box
Drainage and ventilation profile	7409	150x21x1900 mm	1 Pc.	6
	7410	150x21x3000 mm	1 Pc.	30
	7455	150x26x1900 mm*	1 Pc.	6
	7456	150x26x3000 mm*	1 Pc.	30
Mounting bracket	9108		4 Pcs.	8

*Available from March 2020

Advantages:

- ✓ Protects the house wall and façade from splash water
- ✓ Supports ventilation underneath the patio area
- ✓ Can be mounted on almost any aluminium, WPC and wooden substructure
- ✓ Mounting of the profile independent of the construction height of the patio
- ✓ Simple installation in the TERRACON® system for decking boards and ceramic tiles

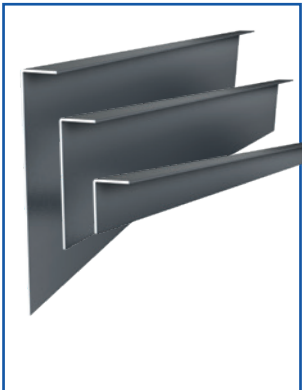
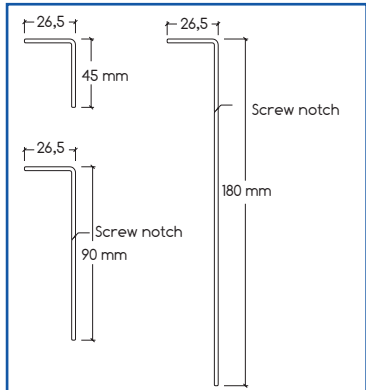


Corner and longitudinal connector for drainage profile

The connectors provide the drainage profile with a simple and stable longitudinal/corner connection and can be used for both profile thicknesses.

Product	Part no.	Dimensions:	Qty. / PU	PU / box
Longitudinal connector* for drainage profile	9110		4 Pcs.	8
Corner connector* for drainage profile	9109		4 Pcs.	8

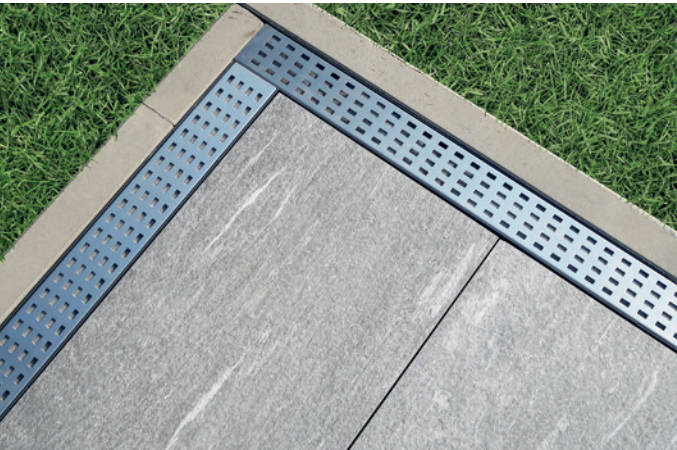
*Available from March 2020



Simple side profile

Simple side profile for a visually appealing and affordable finish of the deck.

Product	Part no.	Length	Qty. / PU	PU / box
Cover profile 45 mm, RAL 9007	7394	1900 mm	1 Pc.	8
	7397	3000 mm	1 Pc.	25
Side profile 90 mm, RAL 9007	7395	1900 mm	1 Pc.	8
	7398	3000 mm	1 Pc.	25
Side profile 180 mm, RAL 9007	7396	1900 mm	1 Pc.	8
	7399	3000 mm	1 Pc.	25



Drainage system

Height adjustable, 22 mm thick, 100 mm wide.

Product	Part no.	Dimensions:	Qty. / PU	PU / box
Drainage grate	7361	1000x100x22 mm	1 Pc.	5
Height adjustment for drainage	7362	160x94x11 mm Adjustable foot 42-70 mm (or 70 mm before on-site flexing of the base thread)	Set	6
Longitudinal connector for drainage	7363	100 x 66 x 9 mm	1 Pc.	10
End cap for Drainage	7364	101x15x22 mm	2 Pcs.	4

Advantages:

✓ Prevents splash water on the house wall

✓ Can be installed independently of the substructure rail

✓ Easy to clean



Panel lifter

The panel lifter and professional panel lifter are the perfect tool for laying any ceramic panel size.

Product	Adjustability	Part no.	Qty. / PU	PU / box
Panel lifter	300-500 mm	7376	1 Pc.	6
Professional panel lifter	200-620 mm Carrying capacity: 60 kg	7377	1 Pc.	2

Advantages of professional panel lifter:

✓ Flexible width adjustment

✓ Laying aid

Possible product combinations tile system

		Part no.	MEGA-Isostep	BIG-Isostep	TWIXT-Isostep	Isostep-H	Isostep
M-Fix		7400 + 7365	✓	✓	✓		
M-Fix H		7401 + 7375				✓	
M-Fix i		7411 + 7412					✓
S-Fix		7402 + 7366	✓	✓	✓		
S-Fix H		7403 + 7367				✓	
S-Fix i		7413 + 7414					✓
Corner Fix		7388	✓	✓	✓		
Corner Fix H		7389				✓	
Cover profile-Fix i		7415					✓
Wall-Fix		9106	✓	✓	✓	✓	✓
Side panel 69-113 mm		7370 + 7372		✓	✓	✓	
Side panel 105-149 mm		7371 + 7373	✓	✓	✓	✓	
Side profile, 90 mm		7395 + 7398		✓	✓	✓	
Side profile, 180 mm		7396 + 7399	✓	✓	✓	✓	
Cover profile		7394 + 7397	✓	✓	✓	✓	✓



Fastening of decking boards

The optimally coordinated TERRACON®decking system offers several mounting systems for decking boards onto the various substructures. Terraflex in combination with Terrastart, as well as the Clipper, are the solutions to your problem when invisible board fastening is needed. When they can be fastened in full view, our Terrafix and system bars with bolts are the right choice.

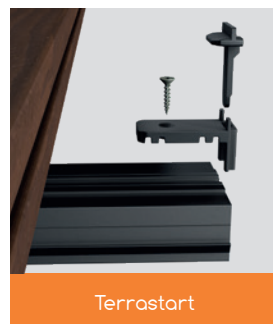
All mounting parts will present a uniform looking installation and guarantee built-in wood protection because of the ventilation under the boards.

Advantages:

- ✓ even assembly pattern
- ✓ constructive wooden protection via underside ventilation of the boards
- ✓ optimal solution for different boards and construction situations



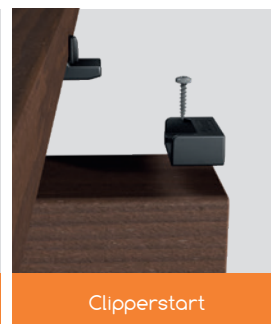
Terraflex



Terrastart



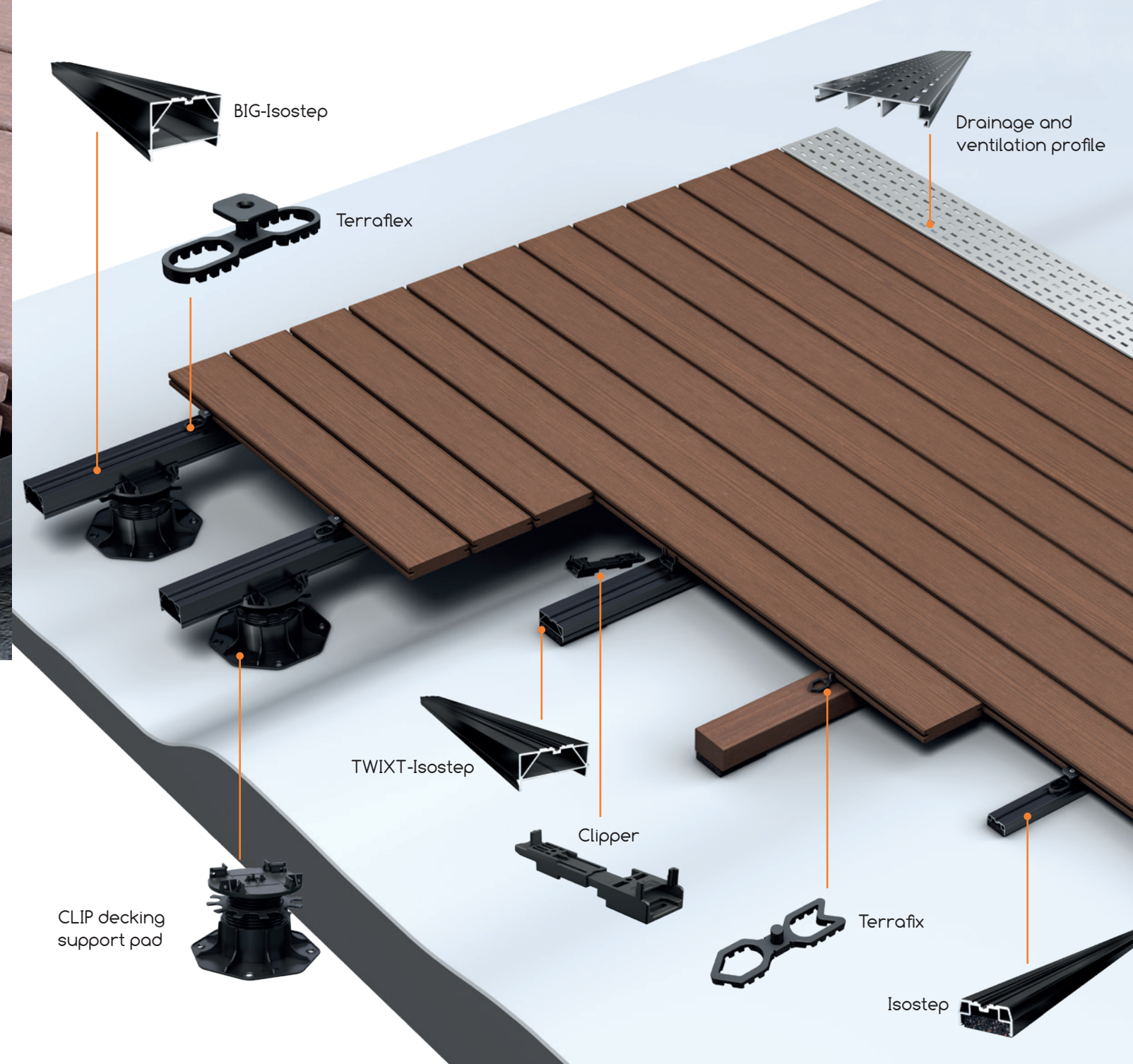
Clipper



Clipperstart



Terrafix



Arguments for fixing patio decking onto rails:

- ✓ Quick setup of the patio with height-adjustable decking support pads and statically loadable aluminium rails
- ✓ Invisible screw joints – no screws visible in the board from above
- ✓ Structural wood protection via underside board ventilation
- ✓ Quick assembly of the patio decking on the substructure
- ✓ Even joint spacing between the decking boards
- ✓ For patio decking with and without grooves



All our fastening systems, as well as the adaptors, are contracted out by us to be manufactured in Germany under strict quality controls.



Terraflex

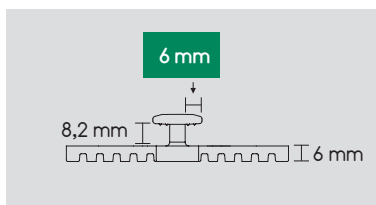
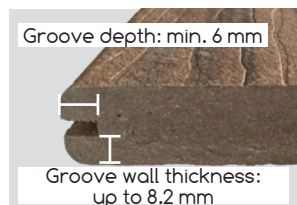
The invisible, fast board assembly for grooved boards. Simple fitting, even laying pattern.

Quick and invisible laying of patio decking. Uniform spacing between the boards (7 mm). Spacing between the boards and substructure always 6 mm. Structural wood protection via underside ventilation.



Advantages:

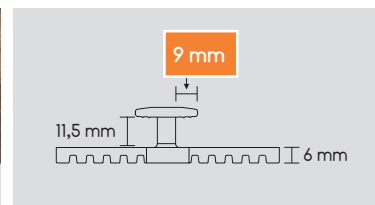
- ✓ invisible fixing, no screws visible in the board from above
- ✓ the Terraflex has a predetermined breaking point that permits a flexible clamping range and is therefore adaptable to different groove wall thicknesses
- ✓ constructive wooden protection via underside ventilation of the boards
- ✓ uniform installation pattern, distances between the boards is 7 mm
- ✓ spacers between the boards and the substructure are 6 mm
- ✓ quick installation: no pre-drilling, only one screw per board and substructure
- ✓ including stainless steel screws for wood/WPC or aluminium
- ✓ made of fibreglass reinforced Polyamide.



Terraflex N6

The Terraflex N6 is best suited for boards with a maximum groove wall thickness of 8.2 mm and a minimum groove depth of 6 mm.

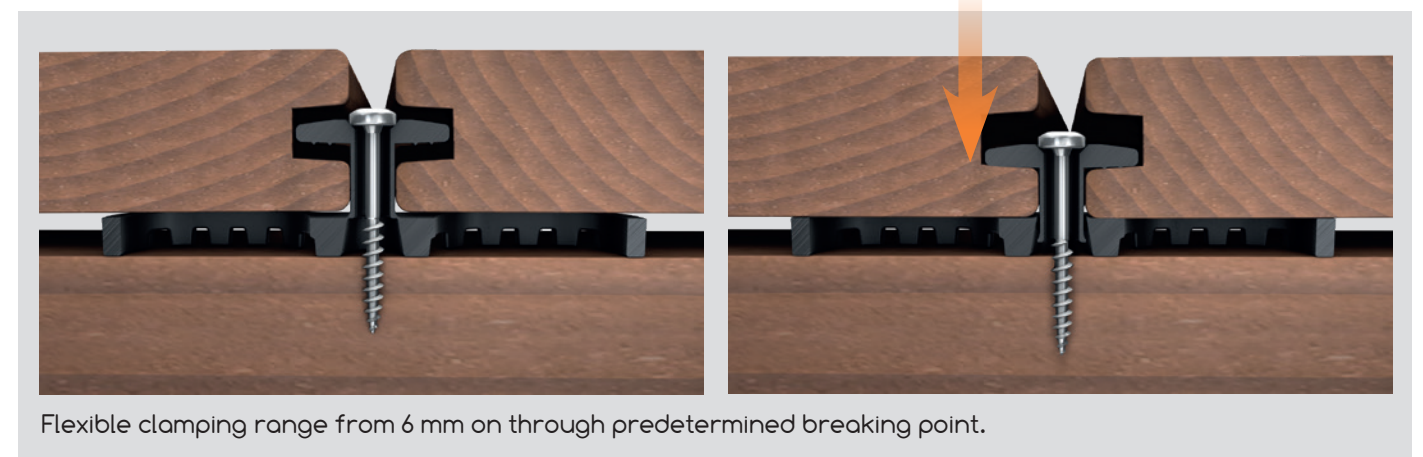
Product	Part no.	Qty. / PU	PU / box
Terraflex with stainless steel screws C1 black 5 x 50 mm for wood substructure	7112	30 Pcs.	16
	7118	120 Pcs.	8
Terraflex with stainless steel screws A4 black 5 x 50 mm for wood substructure	7115	30 Pcs.	16
	7119	120 Pcs.	8
Terraflex with stainless steel drilling screws C1 black 5 x 35 mm for aluminium substructure	7113	30 Pcs.	16
	7120	120 Pcs.	8
Terraflex with stainless steel drilling screws A4 black 5 x 35 mm for aluminium substructure	7114	30 Pcs.	16
	7121	120 Pcs.	8

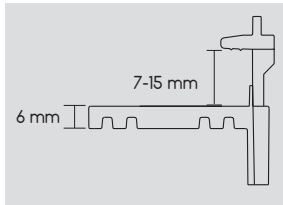


Terraflex N9

The Terraflex N9 is best suited for boards with a groove wall thickness of 11.5 mm and a minimum groove depth of 9 mm.

Product	Part no.	Qty. / PU	PU / box
Terraflex with stainless steel screws C1 black 5 x 50 mm for wood substructure	6965	30 Pcs.	16
	6559	120 Pcs.	8
	6564	600 Pcs.	1
Terraflex with stainless steel screws A4 black 5 x 50 mm for wood substructure	6592	30 Pcs.	16
	6593	120 Pcs.	8
	6594	600 Pcs.	1
Terraflex with stainless steel drilling screws C1 black 5 x 35 mm for aluminium substructure	6408	30 Pcs.	16
	6560	120 Pcs.	8
	6565	600 Pcs.	1
Terraflex with stainless steel drilling screws A4 black 5 x 35 mm for aluminium substructure	6562	30 Pcs.	16
	6563	120 Pcs.	8
	6566	600 Pcs.	1





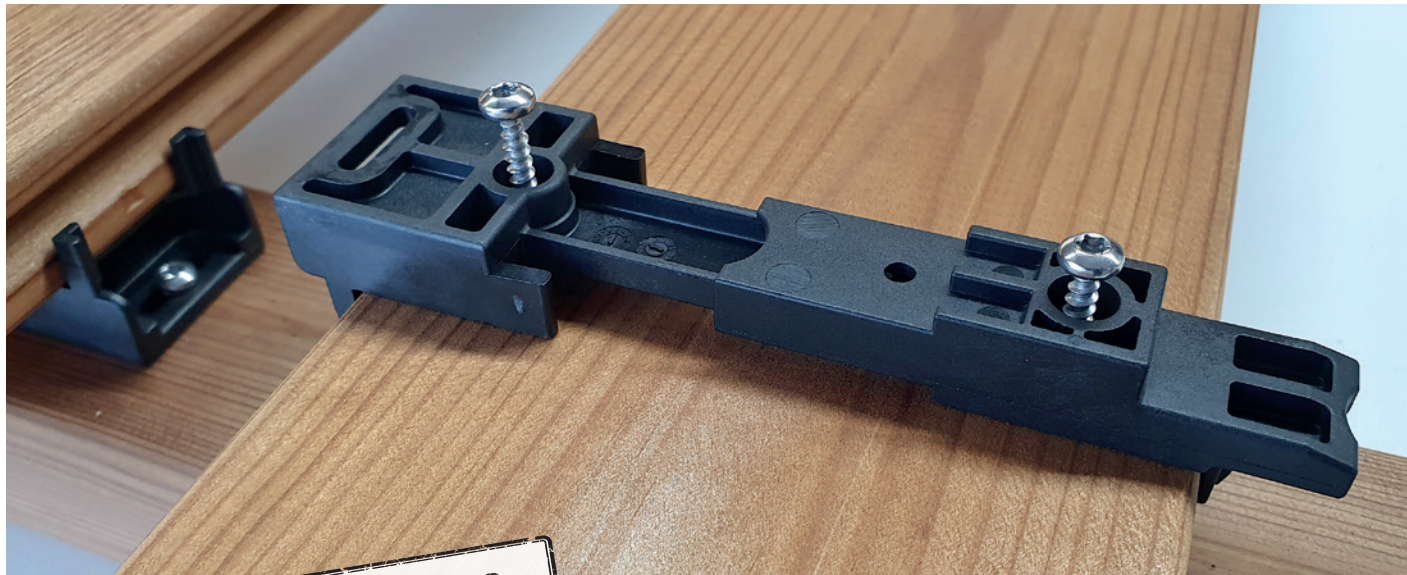
Terrastart

Invisible start/end fastening system for decking boards of wood or aluminium substructures when installing with Terraflex.

Product	Part no.	Qty. / PU	PU / box
Terrastart with A4 stainless steel drilling screw for aluminium substructures <u>and</u> A4 stainless steel screw for wood substructures	7378	20 Pcs.	16

- Advantages:**
- ✓ no visible screw fastening
 - ✓ ideal supplement for the installation of Terraflex
 - ✓ for all boards with a centre groove of 4 mm or wider
 - ✓ including stainless steel screws for wood/WPC or Aluminium substructure
 - ✓ made of fibreglass reinforced Polyamide



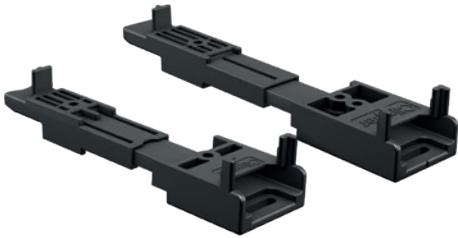


**NOW ALSO APPROVED
FOR HARDWOODS!**

*Please observe the processing notes at: www.karle-rubner.de

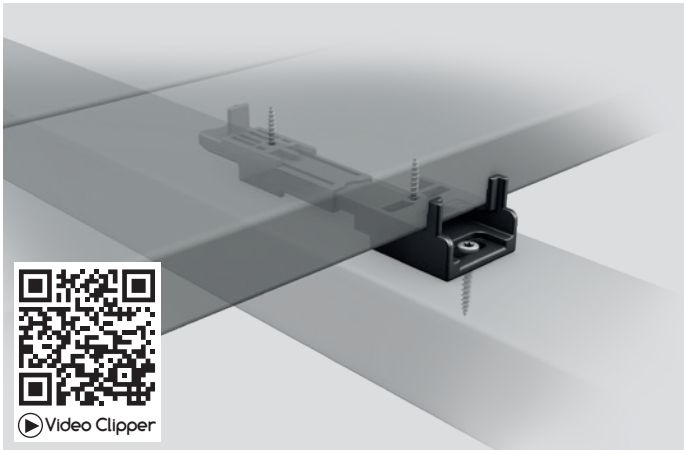
Clipper

Clipper is an invisible attachment for grooveless boards, which serves as a spacer between the boards and offers structural wood protection. Clipper is approved for all patio decking made from thermally modified wood, thermally modified WPC, WPC, softwood and commercially available chamber-dried hardwoods*.

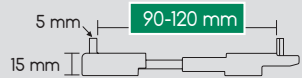


Advantages:

- ✓ invisible fastening, no screws visible on the top of the boards.
- ✓ variable adjustments depending on the board width.
- ✓ thanks to its special design the Clipper is able to absorb the swelling or shrinking of the wood.
- ✓ spacer (5 mm) and built-in wood protection at the same time.
- ✓ relieves the decking structure of stresses, because of its build height of 15 mm and therefore considerably minimises the risk of shearing the screws.
- ✓ including stainless steel screws for wood/WPC or aluminium.
- ✓ made of fibreglass reinforced Polyamide.

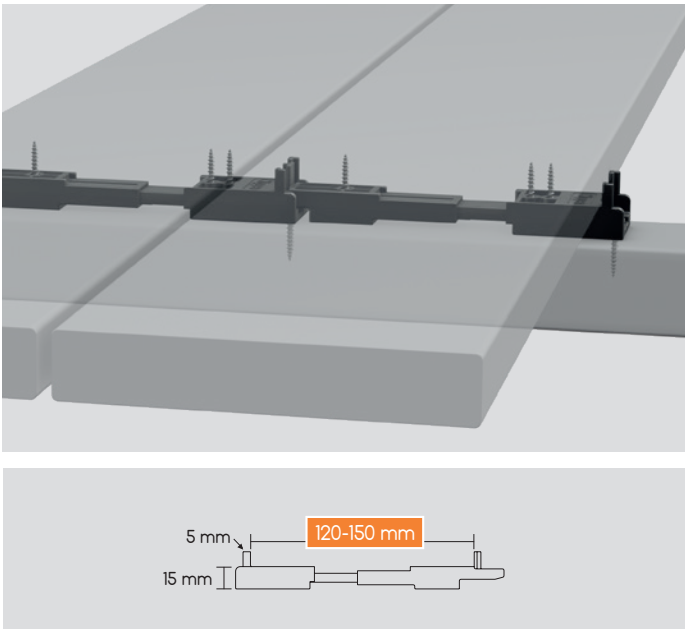


Video Clipper



Clipper 90-120 mm

Product	Part no.	Dimensions	Qty. / PU	PU / box
Clipper incl. C1 stainless steel screws for wood substructure	6968	Board thickness from 25 mm	30 Pcs.	8
	6972	Board thickness 20 – 24 mm	30 Pcs.	8
Clipper incl. A2 stainless steel screws for aluminium substructure	7140	Board thickness from 25 mm	30 Pcs.	8
	7141	Board thickness 20 – 24 mm	30 Pcs.	8
Clipper without screws	6969		30 Pcs.	8



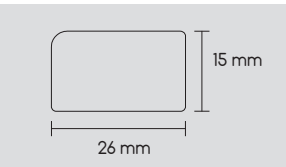
Clipper 120-150 mm

Product	Part no.	Dimensions	Qty. / PU	PU / box
Clipper incl. C1 stainless steel screws for wood substructure	6888	Board thickness from 25 mm	20 Pcs.	16
	6889		50 Pcs.	8
	6901	Board thickness 20 – 24 mm	20 Pcs.	16
	6896		50 Pcs.	8
Clipper incl. A2 stainless steel screws for aluminium substructure	7142	Board thickness from 25 mm	20 Pcs.	16
	7143		50 Pcs.	8
	7144	Board thickness 20 – 24 mm	20 Pcs.	16
	7145		50 Pcs.	8
Clipper without screws	6926		20 Pcs.	16
	6927		50 Pcs.	8





✓ Ideal supplement for installation of Clipper



Clipperstart

The Clipperstart is an invisible starting aid and perfect addition for installing decking boards with the Clipper fixation system. Thanks to the variable adjustment range of the Clipper and the clever plug/screw fastening system, the Clipperstart enables convenient and invisible bolting at the top of the mounted deck surface.

Product	Part no.	Qty. / PU	PU / box
Clipperstart with C1 stainless steel drilling screw for aluminium substructures and C1 stainless steel screw for wood substructures	7379	20 Pcs.	16

- Advantages:
- ✓ invisible start-fastening, no screws visible on the top of the boards
 - ✓ ideal supplement for installation of Clipper
 - ✓ constructive wooden protection
 - ✓ including stainless steel screws for wood/WPC or aluminium
 - ✓ made of fibreglass reinforced Polyamide.





Terrafix

Terrafix is a spacer for the visible screw connection, which ensures that the space between the individual decking boards and the underlying substructure is adequate. Without the need for any additional aids, this ensures an even laying pattern and constructive wood protection, as no waterlogging occurs and ventilation is guaranteed.

Advantages:

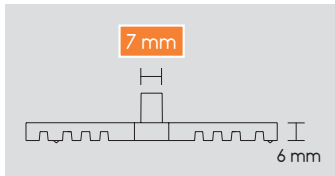
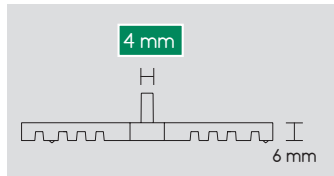
- ✓ even joint spacing: 7 or 4 mm
- ✓ constructive wooden protection via underside ventilation of the boards
- ✓ uniform spacing between boards and substructure of 6 mm
- ✓ made of fibreglass reinforced Polyamide



Terrafix

Spacers for visible screwed connections for decking boards.

Product	Bolts	Part no.	Dimensions	Qty. / PU	PU / box
Terrafix	4 mm	6952	88x25x6 mm	50 Pcs.	16
		6864	88x25x6 mm	100 Pcs.	8
	7 mm	6951	88x25x6 mm	50 Pcs.	16
		6818	88x25x6 mm	100 Pcs.	8
		6819	88x25x6 mm	600 Pcs.	1



Spacer cross

Universal assembly aid for installing decking boards or flagstones. TERRACON® spacer cross with its six different levels: with just one item it is possible to produce individual joint widths between boards and plates.

Advantages:

- ✓ for six different joint widths from 3 to 8 mm
- ✓ assembly aid for visible screw fastenings of patio decking and patio tiles
- ✓ universal

Product	Part no.	Dimensions	Qty. / PU	PU / box
Spacer cross 3-8 mm	7213	85x43x43 mm	12 Pcs.	16



BASEDECK

The convenient alternative

recycled

98%

material




T-Clip

For quick and easy installation of patio decking on wooden or aluminium substructure.

Minimum depth of the groove 8 mm, joint width: 8 mm

Product	Part no.	Qty. / PU	PU / box
T-Clip including stainless steel screw for wood substructure	9082	30 Pcs.	48
T-Clip including drilling screw for aluminium substructure	7280	30 Pcs.	48



BASEDECK

The convenient alternative

recycled

98%

material

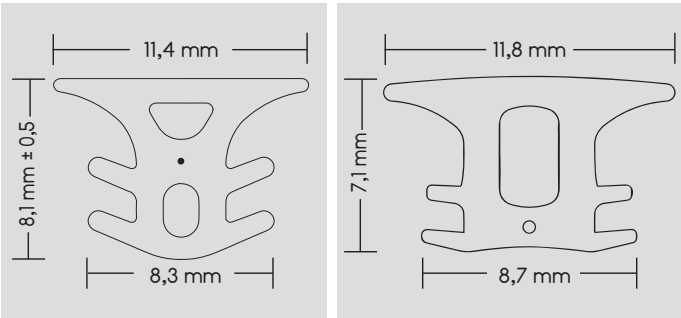
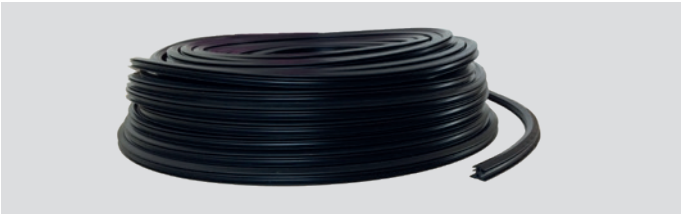


Start- / End-Clip

For start and end fastening of patio decking when installing with T-clip.

Minimum depth of the groove 8 mm, joint width: 8 mm

Product	Part no.	Qty. / PU	PU / box
Top and end clip including stainless steel screw for wood substructure	9083	10 Pcs.	40
Top and end clip including drilling screw for aluminium substructure	7281	10 Pcs.	40



Terraprotect: deck joint tape

Terraprotect prevents large debris and superficial dirt such as leaves or pine needles from getting below the decking.

The UV-resistant joint tape is suitable for a joint width from 6 mm to 7.5 mm. Application is only possible for patio decking that has been laid with WPC or thermally treated boards. The laid boards should not display any swelling or shrinkage. It should also be ensured that the decking has sufficient underside ventilation (min. 8 cm).

Advantages:

- ✓ Prevents dirt from getting below the deck surface
- ✓ Resistant to deck oil
- ✓ UV resistant

Product	Part no.	Grouting width	Board thickness	Qty. / PU	PU / box
Terraprotect	7304	6-7,5 mm	from 20 mm	Roll á 50 m	5
Terraprotect WPC-137*	7404	6-7,5 mm	21 mm	Roll á 50 m	5

*When using Terraprotect WPC137, the distance between the substructure has to be 30 cm.

Protective tape 75 x 2 mm for wood substructure (self-adhesive)

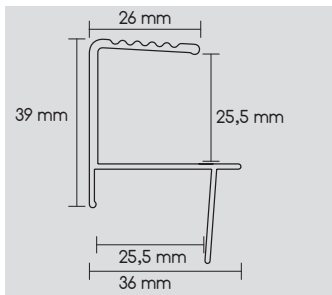
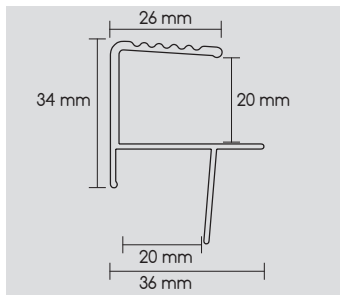
The tape made from cellular rubber protects the top of the wood substructure from the weather.

The highly adhesive glue allows for easy attachment of the substructure. Every standard substructure profile is optimally covered thanks to the 75-mm width. The elastic and water-repellent material of the cover tape also encloses and seals the inserted deck screw, providing additional protection for the drill holes.

Advantages:

- ✓ Protects wooden substructures from weather
- ✓ Encloses the decking screw that has been screwed in place
- ✓ Self-adhesive, thus easy to install
- ✓ Water-resistant
- ✓ Resistant to UV radiation

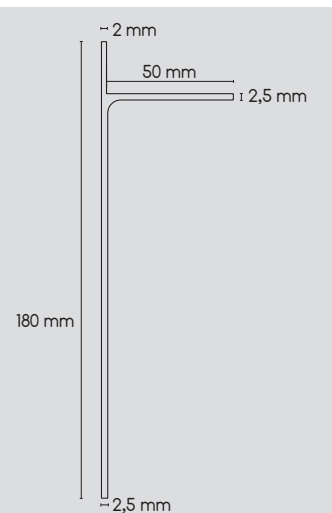
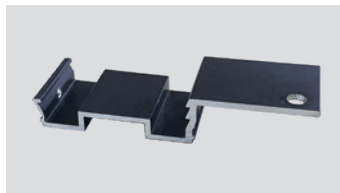
Product	Part no.	Dimensions	Qty. / PU	PU / box
Protective tape	7212	75 x 2 mm, length 10 m	1 Pc.	16



Aluminium bronze anodised cover rail

Our cover rail is a simple and visually appealing solution for closing off the edges of WPC or therm. modified wood decks. The TERRACON® product range includes two versions of the end rail: for boards with thicknesses of 20-21 mm and 25-26 mm. These considerably simplify the fixing of the decking fascia. The rilled upper surface gives it a non-slip finish, making it suitable as a stair nosing.

Product	Part no.	Dimensions	for board thickness	Qty. / PU	PU / box
Edge profile aluminium cover rail	7302	2x36x34x1900 mm	20-21 mm	1 Pc.	6
	7303	2x36x34x4000 mm	20-21 mm	1 Pc.	6
	7116	2x36x39x1900 mm	25-26 mm	1 Pc.	6
	7117	2x36x39x4000 mm	25-26 mm	1 Pc.	6



Facing holder 180

The facing holder serves as an ideal aid to attach visually appealing facings at the end side of the patio with a board profile for larger construction heights. The side facing can be attached independently of the base with simple assembly and a stable connection to the aluminium substructure.

Product	Part no.	Dimensions	Qty. / PU	PU / box
Holder for patio facing incl. connector for CLIP rails and screws	7420		4 Pcs.	8

Advantages:

- ✓ ideal accessory to add stylish facings to the patio
- ✓ installation independent of base
- ✓ comfortable and professional attachment to the aluminium substructure





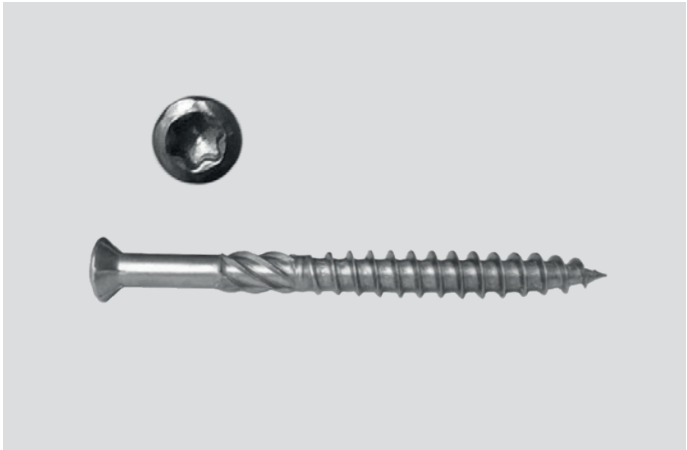
Screw overview

Part no.	Technical data		Board thickness	Used for	Substructure	
					Alu	Wood/WPC
6939	3,9 x 19 mm A2 / T15	  Head Ø 7.2 mm panhead			✓	
6934	4,0 x 25 mm C1 / T20	  Head Ø 7.7 mm panhead	20-24 mm			✓
6935	4,0 x 30 mm C1 / T20	  Head Ø 7.7 mm panhead	ab 25 mm			✓
6540	4,0 x 25 mm A4 / T20	  Head Ø 7.7 mm panhead	20-24 mm			✓
6536	4,0 x 30 mm A4 / T20	  Head Ø 7.7 mm panhead	ab 25 mm			✓
2420036	5,0 x 35 mm C1 / T25	  Raised countersunk head Ø 7.6 mm			✓	
2420048	5,0 x 50 mm C1 / T25	  Raised countersunk head Ø 7.6 mm				✓
2420053	5,0 x 35 mm A4 / T25	  Raised countersunk head Ø 7.6 mm			✓	
2420054	5,0 x 50 mm A4 / T25	  Raised countersunk head Ø 7.6 mm				✓
6845 7146	5,0 x 60 mm C1 / T25	  Raised countersunk head Ø 7.5 mm				✓
6537 7147	5,0 x 60 mm A4 / T25	  Countersunk head Ø 9.7 mm				✓
6931 7149	4,8 x 45 mm A2 / T20	  Raised countersunk head Ø 7.8 mm			✓	
6816 7148	4,8 x 40 mm A2 / T20	  Raised countersunk head Ø 7.8 mm			✓	
6922	4,8 x 50 mm A2 / T20	  Raised countersunk head Ø 7.8 mm			✓	
7150	4,8 x 60 mm A2 / T20	  Raised countersunk head Ø 7.8 mm			✓	
6800	3,9x19 mm A2 / TX15	  Head Ø 7,2 mm panhead			✓	
7301	7,5 x 30 mm	  Raised countersunk head Ø 10.5 mm				Concrete screw

Decking screw

For fastening of decking and floor coverings, especially for hardwood like Bangkirai, Ipe or Massaranduba. Also suitable in areas of heavy swelling and shrinkage behaviour of the boards. About 30 screws are required per m².

Product	Part no.	Dimensions	Qty. / PU	PU / box
Decking screw, C1 stainless steel, T25	6845	5 x 60 mm	100 Pcs.	10
	7146		500 Pcs.	1
Decking screw, A4 stainless steel, T25	6537	5 x 60 mm	100 Pcs.	10
	7147		500 Pcs.	1



Drilling screw for Isostep

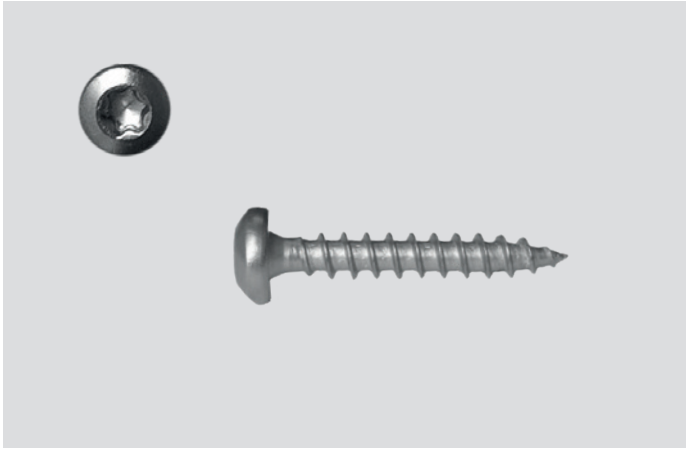
For fastening of decking boards on Isostep rails. Material: Stainless steel A2. About 30 screws are required per m².

Product	Part no.	Dimensions	Qty. / PU	PU / box
Drilling screw for Isostep A2	6939	3,9x19 mm	500 Pcs.	1
	6816	4,8x40 mm	100 Pcs.	10
	7148	4,8x40 mm	500 Pcs.	1
	6931	4,8x45 mm	100 Pcs.	10
	7149	4,8x45 mm	500 Pcs.	1
	6922	4,8x50 mm	100 Pcs.	10
	7150	4,8x60 mm	100 Pcs.	10



Wood screw for wood and WPC-UK

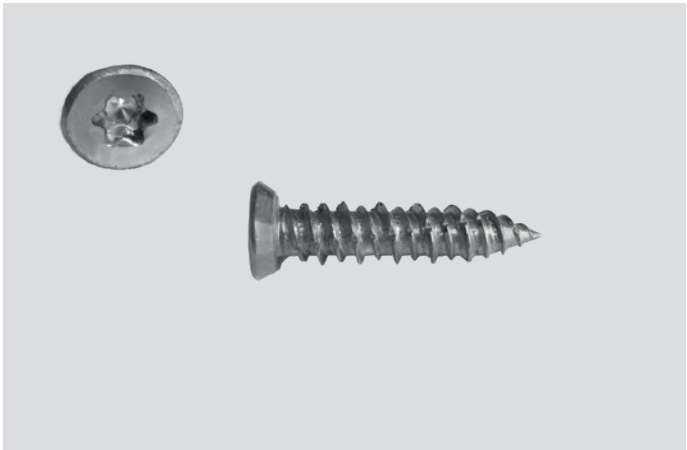
Product	Part no.	Dimensions	Qty. / PU	PU / box
Wood screw for wood and WPC-UK C1 / T20	6934	4x25 mm	500 Pcs.	1
	6935	4x30 mm	500 Pcs.	1
Wood screw for wood and WPC-UK A4 / T20	6540	4x25 mm	500 Pcs.	1
	6536	4x30 mm	500 Pcs.	1



Concrete screw

For fixing decking support pads on concrete substrates or flagstones.

Product	Part no.	Dimensions	Qty. / PU	PU / box
Concrete screw coated silver	7301	7,5x30 mm	50 Pcs.	10





Accessories / Care





Weather influences and weed or plant growth ensure that the patio is subjected to different stresses and is contaminated in different ways. Regular cleaning and care are therefore necessary to maintain the durability and appearance of the boards over the long term.

With the appropriate TERRACON® care products, dirt can be treated and removed from almost any patio covering.

Advantages:

- ✓ Deck durability
- ✓ Easy care
- ✓ All products are coordinated

Our care products at a glance

Product	WPC cleaner EXTRA	Speciality cleaner (Reviver)	WPC waterproofing	Wax for board ends
Part no.	7387	7200	7189	6994
				
Suitable for:	WPC boards	Wood boards	WPC boards	Wood boards (Hard and soft wood)
Application for:	<ul style="list-style-type: none"> Stubborn stains and contamination that cannot be removed with normal cleaning Oil and grease stains 	<ul style="list-style-type: none"> Weathered and greyed wooden boards Heavy discolouration (iron-tannic acid reaction) of decking Boards 	<ul style="list-style-type: none"> Impregnation and protection of WPC boards Brightened boards due to UV radiation 	<ul style="list-style-type: none"> Front end of wooden boards
Advantages:	<ul style="list-style-type: none"> For extra intensive cleaning with active oxygen Makes the original colour visible again 	<ul style="list-style-type: none"> Renewal and cleaner for a natural character of the wooden board Original warm colour of the wooden board again Odourless Biodegradable 	<ul style="list-style-type: none"> Improved resistance against UV rays Impregnates the WPC surface open-pored Weatherproof 	<ul style="list-style-type: none"> Reduction of cracks and shrinkage Prevents bleeding of exotic woods Water repellent Weather and UV resistant
Ingredients:	Sodium carbonate, disodium carbonate, compound with hydrogen peroxide (2: 3), anionic surfactants, non-ionic surfactants, TAED.	Oxalic acid (< 5%). Solvent-free, chlorine-free, formaldehyde-free	Natural waxes and oils, water, 2-butoxyethanol, additives, in-can preservation	Refined natural oils, natural waxes, iso-aliphatics, lead-free siccatives Cobaltis (2-ethyl hexanoate)
Package size:	1 kg	1 litre	0.75 litre	0.25 litre



Cleaner



Wax



Weed fleece



Drill bit





WPC cleaner EXTRA

The special cleaning agent for extra strong cleaning. Especially suited for stubborn dirt and oil and grease stains that cannot be removed during normal cleaning.

Product	Part no.	Use for	Qty. / PU	PU / box
WPC cleaner EXTRA	7387	WPC boards	1 kg	4

Advantages:

- ✓ For extra intensive cleaning with active oxygen
- ✓ Makes the original colour visible again



Special cleaner (reviver)

The cleaner, which is enriched with oxalic acid, is particularly suitable for use with heavy discolouration and on weathered and greyed wooden boards. After application, the wooden boards will regain their original warm colour and natural character.

Product	Part no.	Use for	Qty. / PU	PU / box
Speciality cleaner for decking boards	7200	Wood boards	1 litre	6

Advantages:

- ✓ Refresher and cleaner for the natural character of wooden boards
- ✓ Original warm colouring of the wooden board reappears
- ✓ Odourless
- ✓ Biodegradable



WPC waterproofing

The WPC waterproofing is a solvent-free, colourless waterproofing medium, suitable for any WPC surface. Manufactured from all natural oils, the product waterproofs WPC open-pored surfaces, making them waterproof and increasing their durability against UV radiation. An application is recommended after each major cleaning of the decking boards or when installing the decking at an unfavourable location contingent on weather (such as the shady side of the house).

Product	Part no.	Use for	Qty. / PU	PU / box
WPC waterproofing	7189	WPC boards	0,75 litre	3

Advantages:

- ✓ Increases durability against UV rays
- ✓ Impregnates the WPC surface open-pored
- ✓ Weatherproof



Protective wax for the ends of wooden boards

The wax is applied to the end grain end of the boards, thus prevent bleeding, reducing shrinkage and cracking, and it is easy to use and features high weather and UV resistance.

For hardwood and softwood patio decking.

Product	Part no.	Use for	Qty. / PU	PU / box
Wax for board ends	6994	Wood boards (Hard and soft wood)	0.25 litre	16

Advantages:

- ✓ Reduction of cracking and fading
- ✓ Prevents bleeding of tropical woods
- ✓ Water-resistant
- ✓ Weatherproof and UV resistant





*Except horsetail and similar aggressive weeds.

Planex weed fleece

The weed fleece is placed on top of the prepared substrate in order to prevent unwanted vegetation from growing below the deck. The fleece is a perfect weed stopper, while remaining water-permeable. In addition, the neutral black colour is concealed by the substrate of the deck.

Product	Part no.	Dimensions	Qty. / PU	PU / box
Weed fleece	6851	10 x 1.5 m	1 Pc.	10
Weed fleece	9064	50 x 1.5 m	Roll	4

Advantages:

- ✓ Prevents weeds* from growing below the deck
- ✓ Water permeability



Drill bit

This drill bit facilitates sinking the screw heads at a consistent depth. The drill bit has a diameter of 6 mm.

This tool provides three functions:

1. Wood drill for decking boards
2. Countersink
3. Adjustable depth stop (Part no 9630)



Product	Part no.	Dimensions	Qty. / PU	PU / box
Drill bit with countersink	6853	Ø 6 mm	1 Pc.	8
Drill with counterbore and rotating depth stop	6930	Ø 5,5 mm	1 Pc.	8



Deck construction installation instructions for laying boards

- ✓ Observe proper distance to fixed building parts
- ✓ Never screw wood directly to wood – Terrafix, Terraflex or Clipper for built-in wood protection. Please note: not every fastener is suitable for any type of wood.
- ✓ Please consider the local conditions and building regulations for wooden decking boards.
- ✓ The suitability of individual projects must be checked in advance: which board, which fastening etc.
- ✓ Avoid water logging, always use a rubber backing under the substructure (Loftis, Isopad) for structural wood protection.
- ✓ Pay attention to the total structural height of the flooring with respect to the railing clearance or the terrace door; use Isostep rail if necessary.
- ✓ Always use stainless steel fasteners.
- ✓ Pre-drill the holes before attaching the fasteners (0.5 - 1 mm larger than the fastener diameter).
- ✓ Always fasten the boards to at least three substructures.
- ✓ Always fasten a board to any substructure with two fasteners or one Terraflex or Clipper.
- ✓ Two boards always meet on two substructures. Observe distances: maximum 10 cm from end of board to the substructure (also to be considered with system lengths).
- ✓ Boards ends should always be sealed with wax for board ends.
- ✓ Boards with a wood moisture of up to 18 % must be kept at a clearance of at least 7 mm between the boards.
- ✓ Always install boards with fluting in the water flow direction with a slope of 2%.
- ✓ The substructure quality has to be equivalent or higher than the deck flooring. For example: Wooden boards on WPC substructure (not possible vice versa)
- ✓ Create substructures that are reinforcement against distortion when they cannot be fastened to the ground (e.g. for roof decks). In that case, insert cross beams between the surface boards at a right angle or use the CLIP-System.
- ✓ It is not possible to construct a torsionally stable substructure with a frame. Diagonal bracing must be used!
- ✓ A permanent load-distributing substrate must be provided, for example with stone slabs.



elevato® screening systems

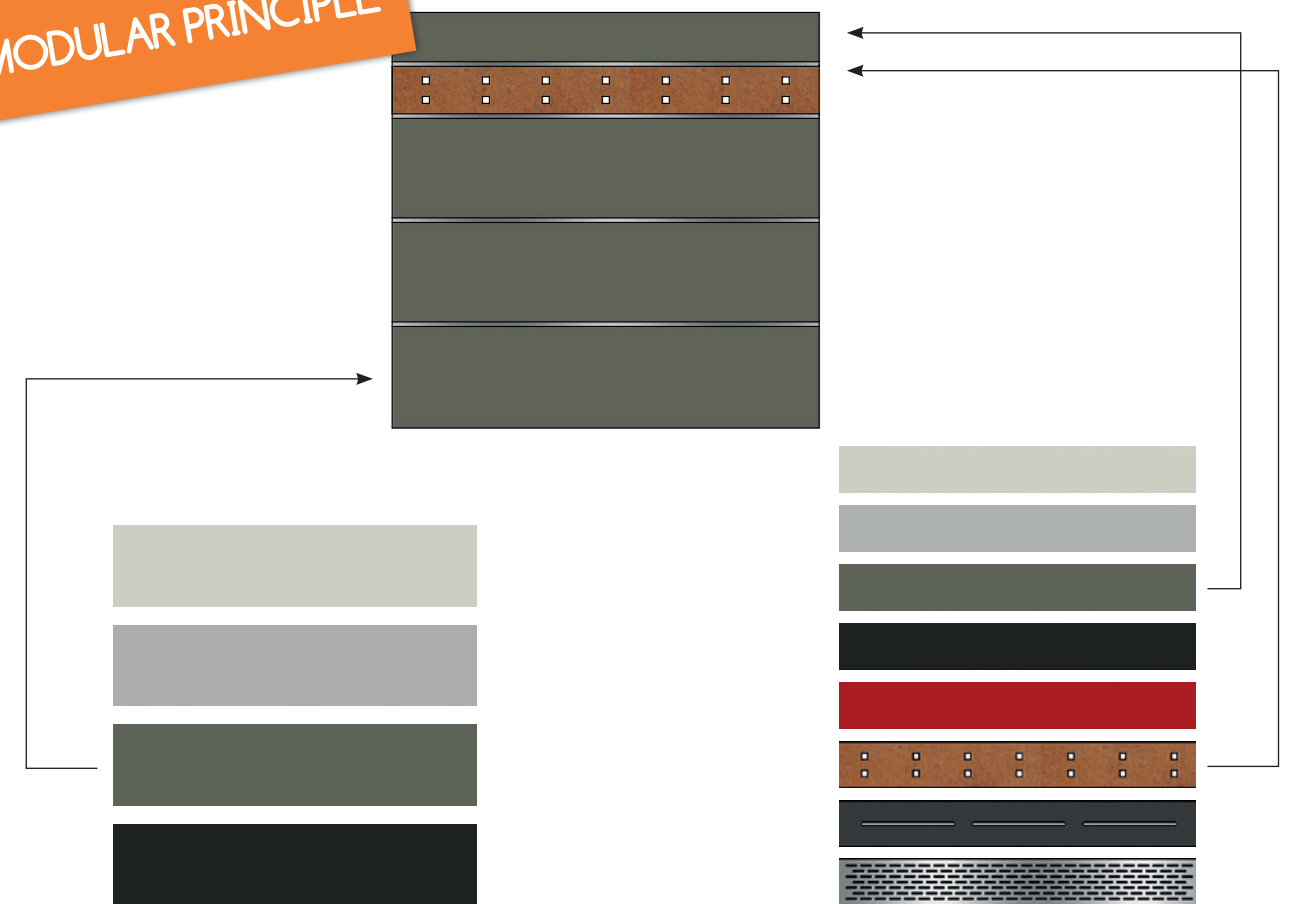
Design your screen individually and uniquely! The elevato® system offers you an almost infinite number of possible combinations of different colours and materials such as HPL, aluminium, corten or stainless steel, giving your screening project a very special design. The use of frosted glass and original stone veneers is also possible and adds stylish accents to every screening system. What's more, installation is quick and easy.



The benefits of the elevato® screening system:

- Almost infinite individual design possibilities
- Several colours and materials can be freely combined with each other (modular system)
- Quick and easy installation
- Top price-performance ratio
- Material is characterised by high fastness to light
- Environmentally friendly raw materials (use of PEFC-certified wood)
- Weather-resistant: frost-proof and hail-proof
- Impact and break-resistant
- Maintenance-free

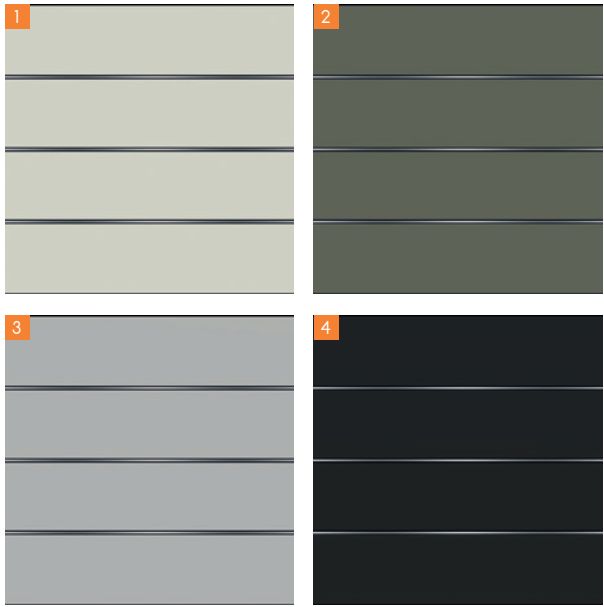
MODULAR PRINCIPLE



Cassette 435 HPL in the colours white, light grey, stone grey and anthracite

Cassette 216 HPL, aluminium coated, corten or stainless steel, signal red, aluminium chestnut powder-coated





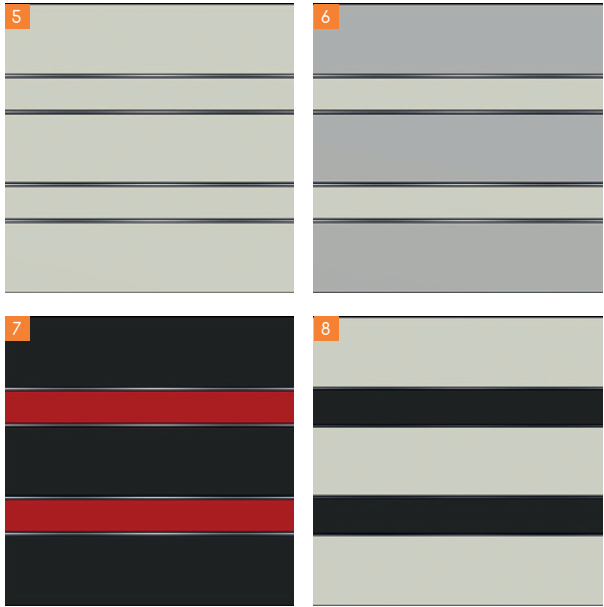
Screening element type 1

Color	Dimensions	Part no.
1 white (HPL)	90 x 175 cm	9601
	180 x 175 cm	9600
2 stonegrey (HPL)	90 x 175 cm	9603
	180 x 175 cm	9602
3 light grey (HPL)	90 x 175 cm	9605
	180 x 175 cm	9604
4 anthracite (HPL)	90 x 175 cm	9608
	180 x 175 cm	9606



Cassette 435

Color	Part no.	Dimensions
white (HPL)	9004	90x43,5 cm
	9000	180x43,5 cm
light grey (HPL)	9005	90x43,5 cm
	9001	180x43,5 cm
stonegrey (HPL)	9006	90x43,5 cm
	9002	180x43,5 cm
anthracite (HPL)	9007	90x43,5 cm
	9003	180x43,5 cm

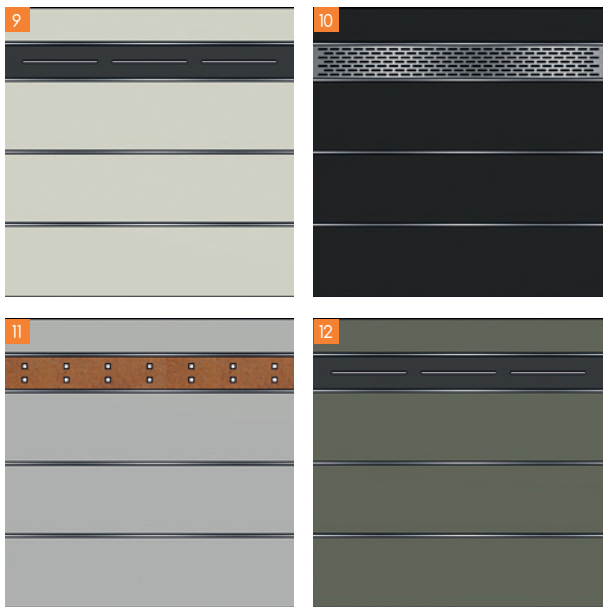
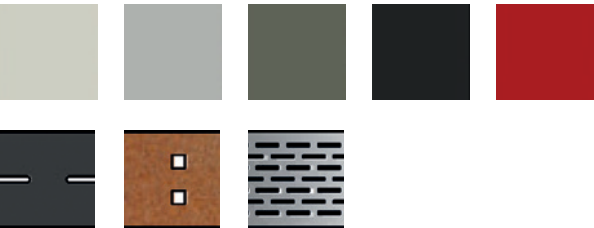


Screening element type 2

Color	Dimensions	Part no.
5 white/white (HPL)	90 x 175 cm	9611
	180 x 175 cm	9609
6 light grey/white (HPL)	90 x 175 cm	9614
	180 x 175 cm	9612
7 anthracite/signalred (HPL)	90 x 175 cm	9617
	180 x 175 cm	9615
8 white/anthracite (HPL)	90 x 175 cm	9619
	180 x 175 cm	9618



Color	Part no.	Dimensions
white (HPL)	9017	90x21,6 cm
	9008	180x21,6 cm
light grey (HPL)	9018	90x21,6 cm
	9009	180x21,6 cm
stonegrey (HPL)	9019	90x21,6 cm
	9010	180x21,6 cm
anthracite (HPL)	9020	90x21,6 cm
	9011	180x21,6 cm
signalred (HPL)	9023	90x21,6 cm
	9013	180x21,6 cm
aluminium chestnut powder-coated	9024	90x21,6 cm
	9014	180x21,6 cm
Corten steel	9025	90x21,6 cm
	9015	180x21,6 cm
stainless steel	9027	90x21,6 cm
	9016	180x21,6 cm



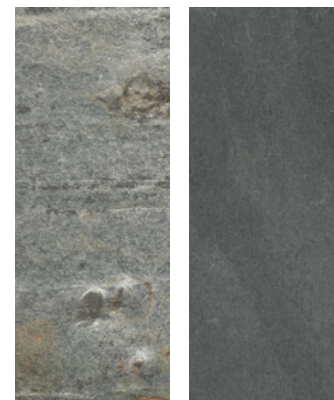
Screening element type 3

Color	Dimensions	Part no.
9 white (HPL)/aluminium chestnut	90 x 175 cm	9621
	180 x 175 cm	9620
10 anthracite (HPL)/stainless steel	90 x 175 cm	9623
	180 x 175 cm	9622
11 light grey (HPL)/corten steel	90 x 175 cm	9625
	180 x 175 cm	9624
12 stonegrey (HPL)/aluminium chestnut	90 x 175 cm	9627
	180 x 175 cm	9626



Aluminium profile for end and connection

Design	Part no.	Length
End profile (U profile)	9091	90 cm
	9089	180 cm
Connecting profile (H profile)	9092	90 cm
	9090	180 cm



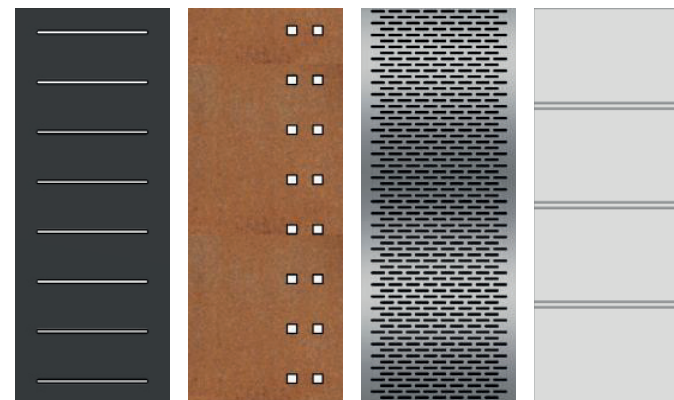
Modena

Lugo

Stone veneer

This only 3 mm-thick veneer, which impresses with its look and the feel of the surface, is removed in layers from the slate block using a special process and reinforced with glass fibre. The different types and layers of slate create truly unique pieces that radiate their individual naturalness from element to element.

Color	Part no.	Dimensions
Modena	9032	65x175 cm
Lugo	9033	65x175 cm



aluminium
chestnut
powder-coated

Corten steel

Stainless steel

Glass satin

Metal and glass

Color	Part no.	Dimensions
aluminium chestnut powder-coated	9029	65x175 cm
Corten steel	9030	65x175 cm
Stainless steel	9031	65x175 cm
Glas satin	9036	65x175 cm

Decorative elements

The decorative elements add stylish accents to any screening system. The selection of materials ranges from aluminium, stone veneer, corten and stainless steel to frosted glass. The combination of decorative elements with HPL cassettes creates a perfectly coordinated overall picture.

- Numerous materials and colours
- Can be combined with HPL screening elements
- Weather-resistant: frost-proof and hail-proof
- Maintenance-free



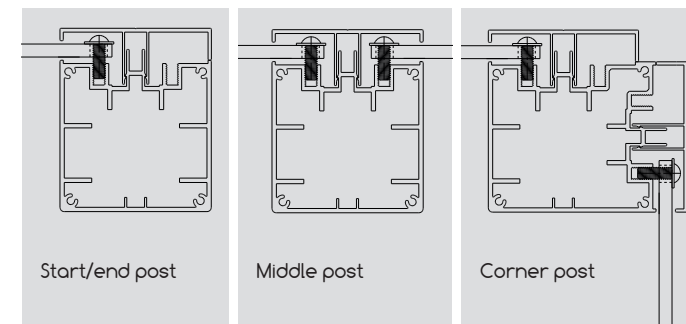
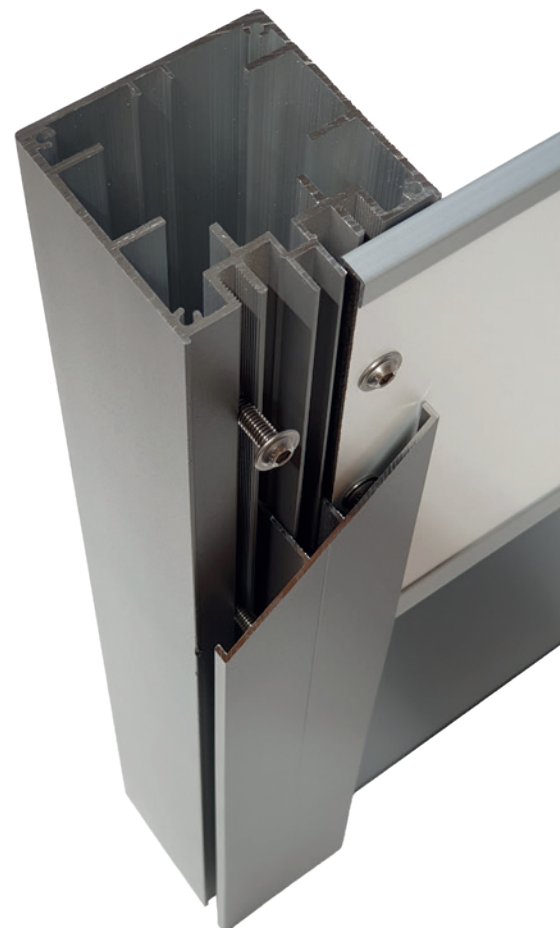


Mounting system

The elevato® mounting system sets new standards in screening installation. The few components required enable quick and easy assembly, and the screw channels in the post allow uncomplicated construction, even on uneven terrain.

The pre-drilled HPL cassettes guarantee a high level of fitting accuracy and prevent subsequent rattling. The filigree cover profile, which is attached without screws, gives the post an attractive appearance on both sides. Depending on taste, it can be oriented to the desired side.

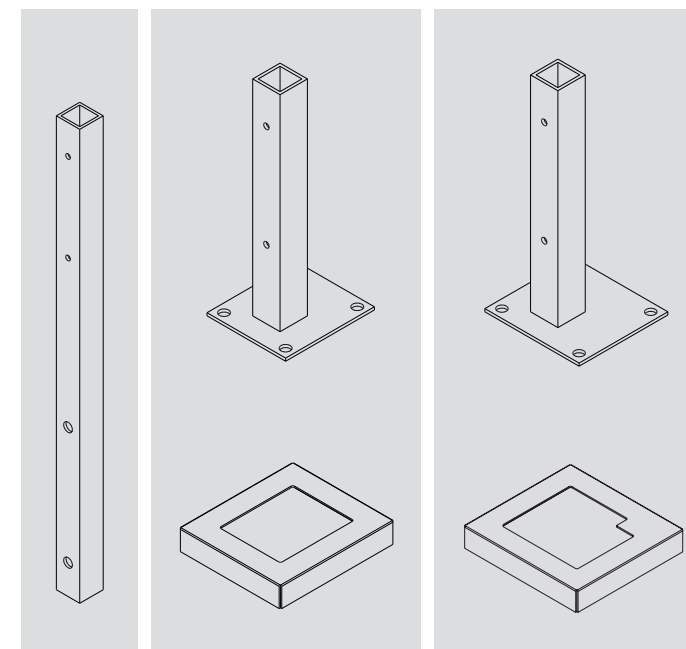
- Extremely small number of components
- Fast, easy assembly due to a simple design
- Attractive cover profile allows for orientation of the post on both sides
- Lengths of 180 and 202 cm allow installation with a gradient



Post colors



stone grey anthracite



Post

	Part no.	Dimensions
Start/end post stone grey	9037	7x7x180 cm
	9049	7x7x202 cm
Start/end post anthracite	9043	7x7x180 cm
	9052	7x7x202 cm
Middle post stone grey	9039	7x7x180 cm
	9050	7x7x202 cm
Middle post anthracite	9045	7x7x180 cm
	9053	7x7x202 cm
Corner post stone grey	9041	7x7x180 cm
	9051	7x7x202 cm
Corner post anthracite	9048	7x7x180 cm
	9054	7x7x202 cm

Post anchor

	Part no.	Dimensions
Post anchor for anchor attachment, galvanised	9055	4x4x30 cm
Post anchor for anchor attachment for corner posts, galvanised	9093	4x4x30 cm
Post anchor for setting in concrete, galvanised	9056	4x4x70 cm

End cap for post anchor

	Part no.	Dimensions
End caps for post anchor, stone grey	9094	12x13,3x2,4 cm
End caps for corner post anchor, stone grey	9086	14x13,3x2,4 cm
End caps for post anchor, anthracite	9087	12x13,3x2,4 cm
End caps for corner post anchor, anthracite	9088	14x13,3x2,4 cm

door

The elevato® doors, which are delivered pre-assembled, are made from powder-coated aluminium profiles. The delivery includes a door frame with a set of fittings, stop strip with strike plate, mortice lock and fixing accessories, as well as installation of the panels.

	Part no.	Dimensions
Door frame* incl. stop strip stone grey and set of fittings, DIN left	9628	99x175 cm
Door frame* incl. stop strip stone grey and set of fittings, DIN right	9629	99x175 cm
Post anchor for door posts for setting in concrete, galvanised	9095	4x4x197 cm
Aluminium lever handle set incl. profile cylinder and handle DIN left/right	9630	
Lever handle set powder-coated stone grey incl. knob DIN left/right and profile cylinder	9631	

* Panels and lever handle sets must be ordered and calculated in addition to the door frame.



Door DIN left



**10 YEARS
guarantee***

*roof, aluminium profiles
and their coatings

Terrace roofing made of aluminium

Karle & Rubner roofing systems made of aluminium feature an elegant design, impressive extension options, high product quality and reasonable pricing! Powder-coating makes the profile perfectly weatherproof and therefore maintenance free! The roof consists of glass or Polycarbonate web-panels, depending on the model. A number of versions, the option of customisation, and the many RAL colours available make our roofing systems a visually appealing and individual solution.

✓ The advantages of our terrace roofing:

- Elegant design
- Maintenance-free
- Individual design possibilities
- Roofing for various requirements
- Many expansion options



Video roofs



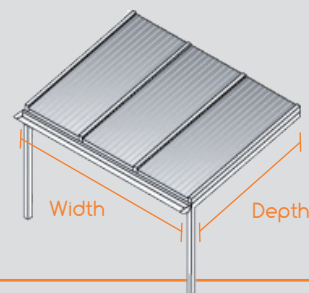
SMARTLINE

The SMARTLINE patio roofing, which we have newly included in our product range as an optimal extra, is an economical alternative to our existing range of roofing products. It is available and delivered in prefabricated grid dimensions (width/depth). The kit solution allows SMARTLINE to be set up quickly and easily in simple steps. The roofing has a standard roof pitch of 8° as well as water drainage integrated into the post, thus making it invisible.

Advantages:

- ✓ Roof coverings: Polycarbonate 16 mm or 8 mm glass roof (laminated safety glass)
- ✓ Water drainage integrated invisibly into the post
- ✓ Distance profile as optional accessory

SMARTLINE Dimensions

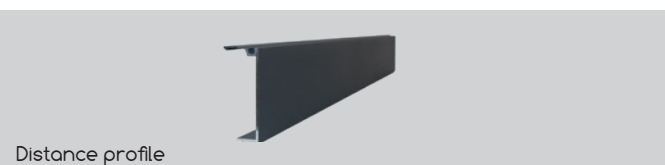


SMARTLINE with Polycarbonate

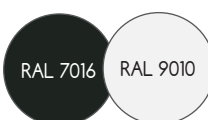
Width: 3 m - 6 m
Depth: 2,5 m - 4 m

SMARTLINE with glass roof

Width: 3 m - 6 m
Depth: 2,5 m - 3,5 m



Distance profile



PRIMELINE

PRIMELINE is terrace roofing with a simple construction made from high-quality powder-coated aluminium, which has its place on every house facade or masonry due to its variable roof pitch and dimensionally accurate adaptation. The facing profile of the visible rain gutter is optionally available in different profile shapes to visually add an individual accent as desired. The water drain is located inside the post and is therefore not visible from the outside, so that the look of the roofing is not impaired.

Advantages:

- ✓ Variable roof pitch 5-15°
- ✓ Optional trim (round, classic)
- ✓ Water drainage integrated into the post - not visible
- ✓ Custom sizes available
- ✓ Roof coverings: Polycarbonate 16 mm (4 types) or 8 mm glass roof (VSG)
- ✓ Gutter and wall connector made in one piece (up to 7.95 m in width)



Gutter facing "Round gutter"



Gutter facing "Classic gutter"

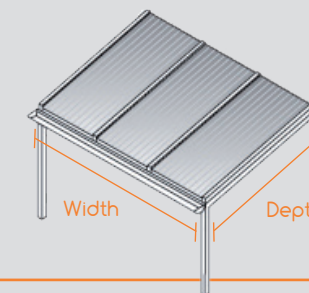


Distance profile



Other RAL colours for a surcharge

PRIMELINE Dimensions



PRIMELINE with Polycarbonate

Width: from 3 m any dimension is possible
Depth: 2 m to 5 m - any dimension possible

For depths larger than 400 cm the inner rafters (polycarbonate) or 350 cm (glass).

PRIMELINE with glass roof

Width: from 3 m any dimension is possible
Depth: 2 m to 4 m - any dimension possible

For depths larger than 350 cm the inner rafters (polycarbonate) or 350 cm (glass).





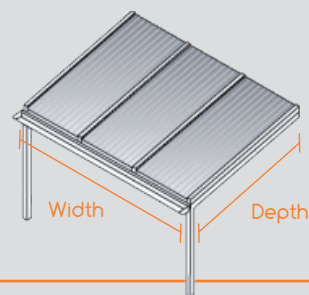
SUPREMELINE

The striking gutter profile and a thicker post dimension give SUPREMELINE an extremely stable appearance and significantly increase the post spacing for extensive roofs. This ensures a clear view of the garden and its surroundings, even with larger roof widths (up to 7 m with two posts). Like the PRIMELINE series, SUPREMELINE also impresses with its simple construction, variable roof pitch, integrated water drainage in the post and dimensionally accurate adjustment.

Advantages:

- ✓ Stable gutter design: only two posts required for 7 x 2.5 m
- ✓ Variable roof pitch 5-15°
- ✓ Water drainage integrated into the post - not visible
- ✓ Tidy appearance thanks to spacer profiles between the rafters
- ✓ Roof coverings: Polycarbonate 16 mm (4 types) or 8 mm glass roof (VSG)
- ✓ Gutter and wall connector made in one piece (up to 7 m in width)

SUPREMELINE Dimensions



SUPREMELINE with Polycarbonate

Width: from 3 m any dimension is possible
Depth: 2 m to 5 m - any dimension possible

For a depth greater than 400 cm (Polycarbonate) or 350 cm (glass) the rafters are delivered with reinforcements on the inside.

SUPREMELINE with glass cover

Width: from 3 m any dimension is possible
Depth: 2 m to 4 m - any dimension possible

For depths larger than 350 cm the inner rafters (polycarbonate) or 350 cm (glass).



CUBUSLINE

Strong and visually appealing. The terrace roofing that combines stability and elegance into a high-quality addition to your home. The unique design of CUBUSLINE results from the invisible roof pitch and a variable roof overhang, which also allows a roof depth of up to 5 m with a glass covering. Only two posts are required over a width of 7 m thanks to the special design with reinforced profiles. Special connectors and cover strips give CUBUSLINE a screw-free appearance with no visible fixing points.

Advantages:

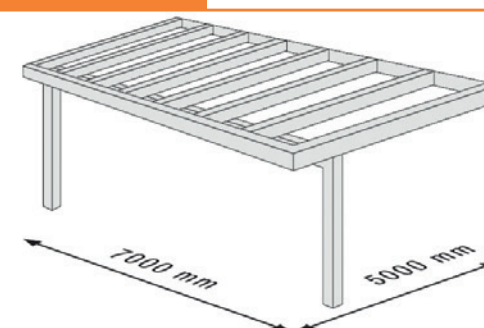
- ✓ Post spacing up to 7 m
- ✓ Very high roof load thanks to reinforced profiles
- ✓ Unique flat roof design without visible roof pitch
- ✓ Various roof overhangs are possible

RAL 7016

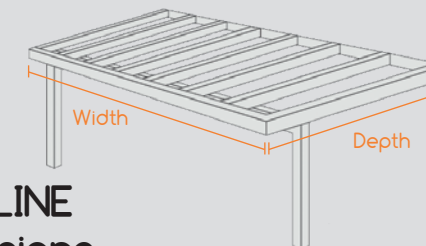
RAL 9010

RAL 9007

Only two posts!



CUBUSLINE Dimensions

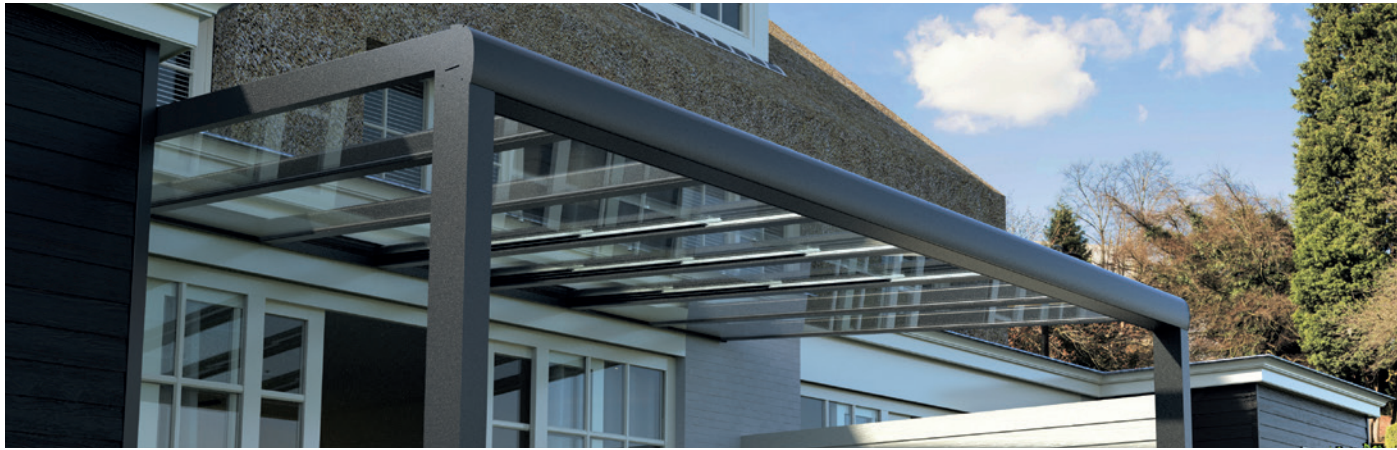


CUBUSLINE with glass cover

Width: from 4 m - any dimension possible
Depth: 3 m to 5 m - any dimension possible



Other RAL colours for a surcharge



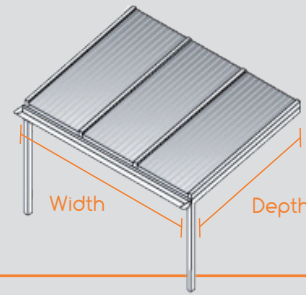
SUROLINE

Protected from rain or in the open air – all with ONE roof. The special roof construction of the new SURO-LINE makes this possible with individually and variably sliding glass areas. The open roof elements ensure optimum air circulation and no heat accumulation, even at higher temperatures. The SUROLINE roofing is designed in such a way that the greatest possible post spacing can be achieved even with maximum roof depth – ONLY TWO POSTS at 6000x5000 mm!

Advantages:

- ✓ manual sliding function for separate glass areas
- ✓ Support of ventilation and avoidance of heat accumulation through variable opening of glass areas
- ✓ glass covering possible with a roof depth of 5000 mm
- ✓ Load-bearing construction – 6000 (W) x 5000 (D) mm only two posts!

SUROLINE Dimensions



SUROLINE with glass cover

Width: from 3 m - any dimension possible
Depth: 2,5 m to 5 m - any dimension possible

For depths larger than 400 cm the inner rafters.



Other RAL colours for a surcharge

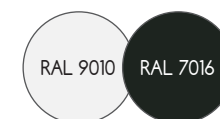


LAMELLOLINE

The terrace roofing LAMELLOLINE not only impresses with its stylish appearance, but also creates the feeling of sitting outdoors when the roof construction is open and offers protection from the sun and rain when the roof is closed. The specially designed slats with integrated seal can be electronically motorised to adjust the angle of inclination to a maximum of 135°, thus enabling the entire roof structure to be opened and closed. To ensure that the look of LAMELLOLINE is not impaired, the water drain is not visible and is controlled via the roof construction with a downpipe system in the post.

Advantages:

- ✓ Motorised slatted roof construction enables the roof to be opened
- ✓ Slats adjustable from 0° to 135° by remote control
- ✓ Integrated drainage system; rain is drained free-flowing through the frame
- ✓ Snow sensor incl. remote control is included in the scope of delivery



Other RAL colours for a surcharge

LAMELLOLINE Dimensions

LAMELLOLINE with aluminium slat covering

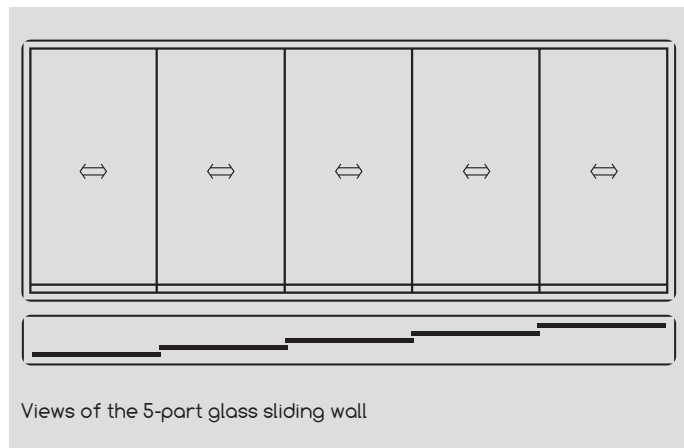
Width: 4 m to 6 m
Depth: 3 m to 4 m





Panoramic sliding walls

The panoramic sliding panel offers unrestricted views. Allowing you to enjoy the view of your garden to the fullest. In addition, the sliding glass wall system protects against rain, dirt and insects.



Other RAL colours for a surcharge



Unheated conservatories

Create a closed space in the outdoor area and enjoy your garden even in poor weather conditions. Using the side and front wall and/or sliding or wing doors, the TERRACON® terrace roofing is converted to an "unheated conservatory" in three steps.



Other RAL colours for a surcharge

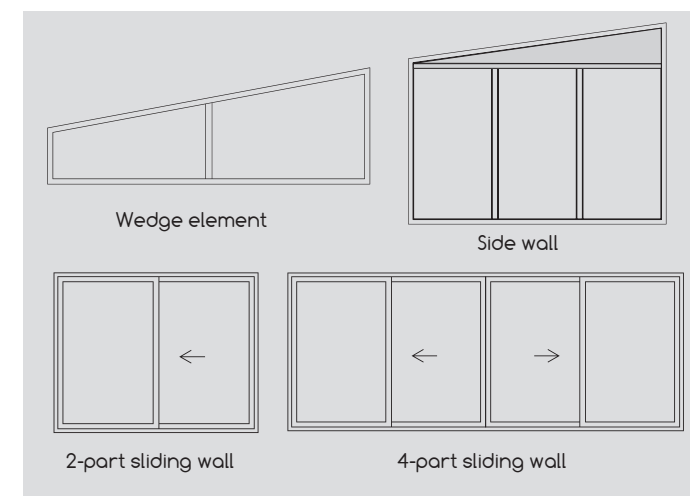


Side elements

Various side walls as an addition to the roofing. The side walls provide protection in bad weather conditions such as rain and wind. The various side panels from aluminium and glass can be individually configured.

Possibilities:

- Wedge elements
- Side walls
- Sliding elements
- All-glass panorama walls



Other RAL colours for a surcharge



Awnings

Sit comfortably in the shade and enjoy the summer! Our awnings will give your house a colourful appearance, plus offer a modern look and ideal protection against sun and rain.

They are available in various colours, sizes and materials, all resistant to whatever weather conditions might come along.

Advantages:

- ✓ Box and rail profiles made from extruded aluminium
- ✓ Special RAL paint finishes are possible
- ✓ Large selection of materials and colours



Cloth selection examples, may differ from the original.

Standard frame colours:



Other RAL colours for a surcharge

KARLE & RUBNER

TERRACON®

Karle & Rubner GmbH · Im Schosseifen 4 · D-35713 Eschenburg
Telefon: +49 (0) 2774 / 92 68-0 · Telefax: +49 (0) 2774 / 92 68-90 & 91
e-Mail: info@karle-rubner.de



www.karle-rubner.de