



The **Terrace** Book

Edition 2



Kinley 
INSPIRED PLACES MADE POSSIBLE



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Inspired places made possible

As building and population density in our cities increases, the Terrace environment is the “must-have” space for all modern developments. Creating the perfect outdoor space as a terrace brings some amazing opportunities but, as with all opportunities, come challenges.

At Kinley, we’ve identified that modern roof terraces have challenges in construction build heights, materials and other elements and have thought long and hard about how we can deliver something that provides for all the eventualities.

Kinley Terrace products combine the different elements of flooring, planting and support structures so that they work hand in hand to provide a versatile and reliable package that will deliver excellence in design and construction as well as long lasting, high quality results.

Everyone in the Kinley team is committed to the provision of service and support for specifiers, customers and contractors from initial enquiry, through speedy delivery, to final completion of the project.

Communal roof terrace on the new Vantage Point development by Essential Living using the Kinley terrace system creates an enjoyable space for residents to relax.



Support: The Kinley commitment

Project Support

The Kinley Technical Sales Team welcomes the opportunity to support particular projects at any stage, from concept to handover, from choice of material to implementation on the ground.

The successful completion of your scheme, on time and on budget, is vitally important to us.

Satisfactorily resolving issues feeds into our programme of continuous improvement and development. Because an item isn't in the catalogue doesn't necessarily mean you can't have it!

Specifier Support

The adoption of aluminium edgings and restraints has greatly widened the scope for the implementation of innovative and imaginative landscape design. Our technical sales team provides support, including CPD Seminars, CAD drawings and data sheets, as well as advice on specific product applications.

Contractor Support

On time deliveries, installation support and guidance and recognising other last minute challenges that can crop up on a building site environment are all areas that Kinley are familiar with and work hard to ensure our part of the project runs as smoothly as possible by maintaining good communication with contractors as construction progresses.

At Your Service

- Design Stage: project consultation to discuss products and construction details
- Pre-construction Stage: provision of construction drawings, cost and value evaluation
- Construction Stage: contractor support with product installation training and advice.

For more information about our project support services please contact our technical team on

+44 (0)1580 830 688 or visit kinley.co.uk

A complete system from the ground up

How the Kinley Terrace system works together

Porcelain Tiles

Atria tiles allow you to create a free-flowing design that begins inside and carries through to outdoor spaces, creating one beautiful place to enjoy whatever the weather. Atria tiles offer a perfect blend of Italian style, with excellent slip resistance and tremendous durability that most tiles can't compete with. Will happily work in conjunction with our Support Structures.

Full details page 62

Support Structures

Our range of support joists, height adjustable decking and paving pedestals, and surface support trays provide a complete solution for the terrace area. While they have been designed to complement the Terrafina and Atria external flooring systems, they also work with other types of external surfaces.

Full details page 8

Planters and Tree Cubes

Introduce a natural element to your designs with our range of metal planters. Whether it's a roof garden, balcony or more traditional garden, our planters offer a versatile solution to strike the right balance between greenery and open living space.

Full details page 30

Decking

Popular with developers, architects and landscape architects, Terrafina is our range of wood-polymer non-slip composite decking. Installation of Terrafina decking is quick and easy thanks to our "click and clamp" system. What's more it's simple to clean and requires little to no maintenance.

Full details page 52



Support Structures

NEW

Aluminium
Support
Joists

14

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Adjustable
Pedestals

Composite
Support
Joists

18

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NEW

Surface
Support
Trays

The support structure system

The Kinley Terrace Substructure system creates a simple, smart, and effective, platform on which the rest of the terrace can be built, and in doing so overcomes a number of key design and construction challenges. By using Raft joists and adjustable pedestals the framework is quickly set out, easily levelled and final surfaces rapidly installed.

Surface Support Trays

The perforated galvanised tray provides a sturdy platform that creates a robust permeable base for our planters, or to lay other surfaces such as synthetic grass or rubber safety surfacing. By using the RoofTray system we can effectively eliminate the need for solid build construction and wet trades such as concrete for planter base foundations.

See page 26 for our RoofTray range

Support Joists

The Raft aluminium joist is available in 80mm and 50mm depths and can be used separately, or together if circumstances require. The robust 80mm joist can comfortably span an impressive 1500mm between supports which significantly reduces the number of pedestals required and greatly increases the speed of installation. The joist provides the platform for our Terrafina decking, Atria paving or our permeable RoofTray systems to be fitted, as well as other paving products if required.

See page 14 for our ranges of Support Joists

Adjustable Supports

Adjustable pedestals are high performance adjustable supports that innovatively lock into the base of the rail and enable height and levelling adjustment to the platform. Available in various heights from as little as 12mm to in excess of 1 metre!

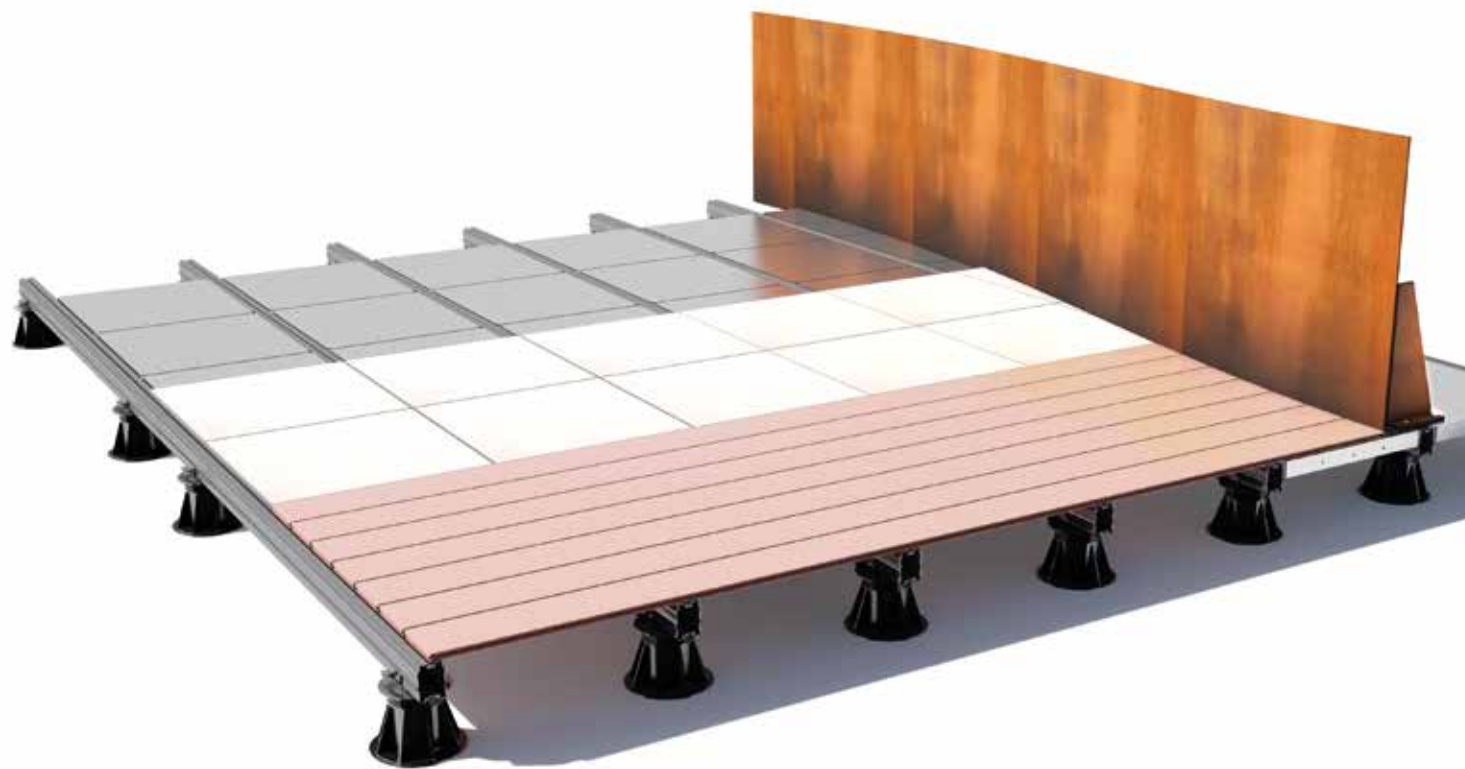
See page 20 for our ranges of Adjustable Pedestals



The advantages of support joists

The benefits of using joists incorporated with pedestals are numerous and it is clear to us that pedestal only installations will become a thing of the past.

Using aluminium joists brings the construction of the outside floor in harmony with the quality level of the building as a whole. The quality of Kinley Raaf aluminium joists is assured due to a high grade of aluminium used with a lifetime of 50 years plus. This overdue element to the terrace environment brings with them massively increased stability, a more flexible substructure and a faster and easier installation.



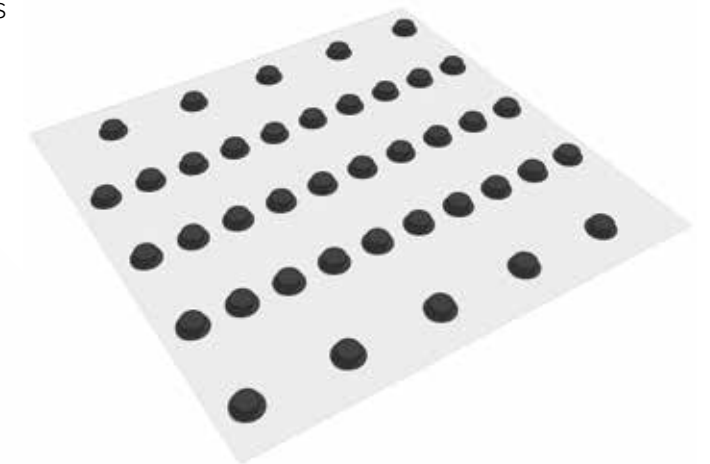
Using pedestals only

- Some paving layouts are impossible and others are very difficult to achieve
- When paving up against angled walls or in complex designs it is difficult to fully support all the paving
- Moving the position of the pedestals is not often an option which



means they can become a block in drainage valleys or in the way of other services.

- Paving is not advisable to cantilever off joists but this is an issue if there is a curved waterproof upstand.



Using joists and pedestals

- Not only do all the different types of paving layouts become a lot simpler that were previously either very difficult or impossible it also makes it easy to be more creative in paving layout design.
- Bridging over gulleys, access points and fixed services becomes easy as the pedestals can move along

the joists to suit the base they are being laid on.

- Angled walls and complex paving and decking designs can be fully supported all the way to the edge using the pivoting joist clip.



Support Joists

Raaft Aluminium



50 mm and 80 mm aluminium joists

The Raaft aluminium joist is a revolutionary idea for creating external raised floors for the terrace environment with the complete Kinley Raaft system giving endless design opportunities.



Advantages:

- Joist will achieve up to 1500mm unsupported span
- Significantly reduced quantity of pedestals
- Simplifies complex paving designs
- Quicker and easier to install external raised surfaces
- Works as an integrated system with the adjustable pedestals, RoofTrays and Kinley surfaces
- Available in mill or black powder-coated finishes





Support Joists

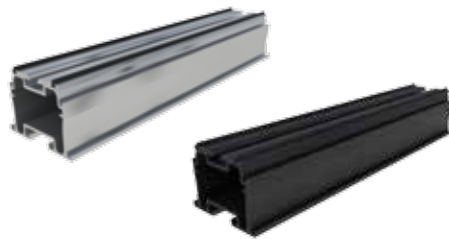
Raaft Aluminium

50 mm and 80 mm aluminium joists



50 mm Joists Technical Data

Material:	Aluminium
Height:	50 mm
Length:	2.4 m
Max span:	900 mm
Max loading:	250 kg
Finish:	Mill Black
Code:	RSR5024M RSR5024B



80 mm Joists Technical Data

Material:	Aluminium
Height:	80 mm
Length:	2.4 m
Max span:	1.5 m
Max loading:	250 kg
Finish:	Mill Black
Code:	RSR8024M RSR8024B



Joist Accessories

Angle Connector

Variable angle connection clip and plug

Colour	Black
Code	RSACB
Pack quantity	25



90° Connector Clip

Used for fixing bracing pieces

Colour	Black
Code	RS90CB
Pack quantity	25



Joist Connector

Straight connection plug

Colour	Black
Code	RSSCB
Pack quantity	25



80mm End Cap

End cap for 80mm rail black

Colour	Black
Code	RSC80B
Pack quantity	25



50mm End Cap

End cap for 50mm rail black.

Colour	Black
Code	RSC50B
Pack quantity	25



Decking Accessories

Terrafina Starter Clip

Colour	Black
Code	TESC
Pack quantity	10



Terrafina Mounting Clip

Colour	Black
Code	TMC
Pack quantity	50



Tile Accessories

Tile Spacer

15mm high x 3mm thickness

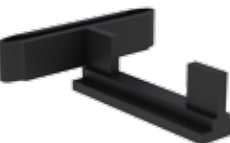
Colour	Black
Code	RSTS3B
Pack quantity	100



Wall Spacer

Used to create a buffer for tiles or decking when up against a solid vertical face.

Colour	Black
Code	TBC
Pack quantity	10



Support Joists

Terrafina Composite

17 mm and 35 mm composite support Joists

The Terrafina composite support joists offer further installation options for the more challenging projects where build up is limited. The composite material provides a long lasting solution and offers two height options of 35mm and 17mm. These joists work successfully with both the Terrafina decking board and the support pedestals offering a completely adjustable flooring system.



Terrafina composite joist used in conjunction with Terrafina Excel decking for a stylish and easily maintained finish.

Support Joists

Terrafina Composite

17mm and 35mm composite support Joists

Terrafina Composite Joists



Standard Substructure Profile

Maximum unsupported span 600 mm

Length	4 m	Length	6 m
Width	80 mm	Width	80 mm
Depth	35 mm	Depth	35 mm
Colour	Black	Colour	Black
Code	TSBL 40 B	Code	TSBL 60 B



Shallow Substructure Profile

Maximum unsupported span 150 mm

Length	4 m
Width	60 mm
Depth	18 mm
Colour	Black
Code	TSBS 40 B

Terrafina Starter Clip

Colour	Black
Code	TESC
Pack quantity	10



Terrafina Mounting Clip

Colour	Black
Code	TMC
Pack quantity	50



Universal Connector

The connector element provides a robust and accurately spaced joint between adjacent decking boards and is particularly suitable when joining boards at an angle.

Colour	Black	Code
--------	-------	------



TUC



Terrafina Access Clip

Used to provide easy board removal, for regular access points.

Colour	Black
Code	TAC
Pack quantity	10



Adjustable Pedestals

Versijack & SpiraPave

12 mm - 1000 mm+ Adjustable pedestals

Kinley adjustable pedestals are engineered to provide a versatile and cost-effective solution to support raised pavers and timber decking in an eco-friendly way. It provides a cavity for services to be concealed, improves heat and sound insulation and facilitates rapid surface drainage whilst allowing waterproofing and services to remain accessible.

Benefits:

- Height range from 12 mm - 1000 mm+
- Gradient adjustable
- Use with paving or decking
- Excellent load bearing capability

Advantages:

- Low minimum height of 12 mm
- Easy to install, cost effective and lightweight
- Precise 1 mm height adjustment
- Made from 100% recycled materials
- Top and/or bottom slope correctors
- Supports Green Building certification



Adjustable Pedestals SpiraPave & VersiJack

Adjustable Pedestals



100% recyclable

SpiraPave Technical Data

Material	Recycled Polypropylene
Height Range	12 mm to 44 mm
Compressive Strength ¹	Min. 20 kN
Base Diameter	154 mm 172 mm (with Slope Corrector)
Marginal Adjustments	1 mm
Biological / Chemical	Unaffected by moulds and algae
Resistance	Good resistance to alkali and bitumen

¹ varies with different combinations



VersiJack Technical Data

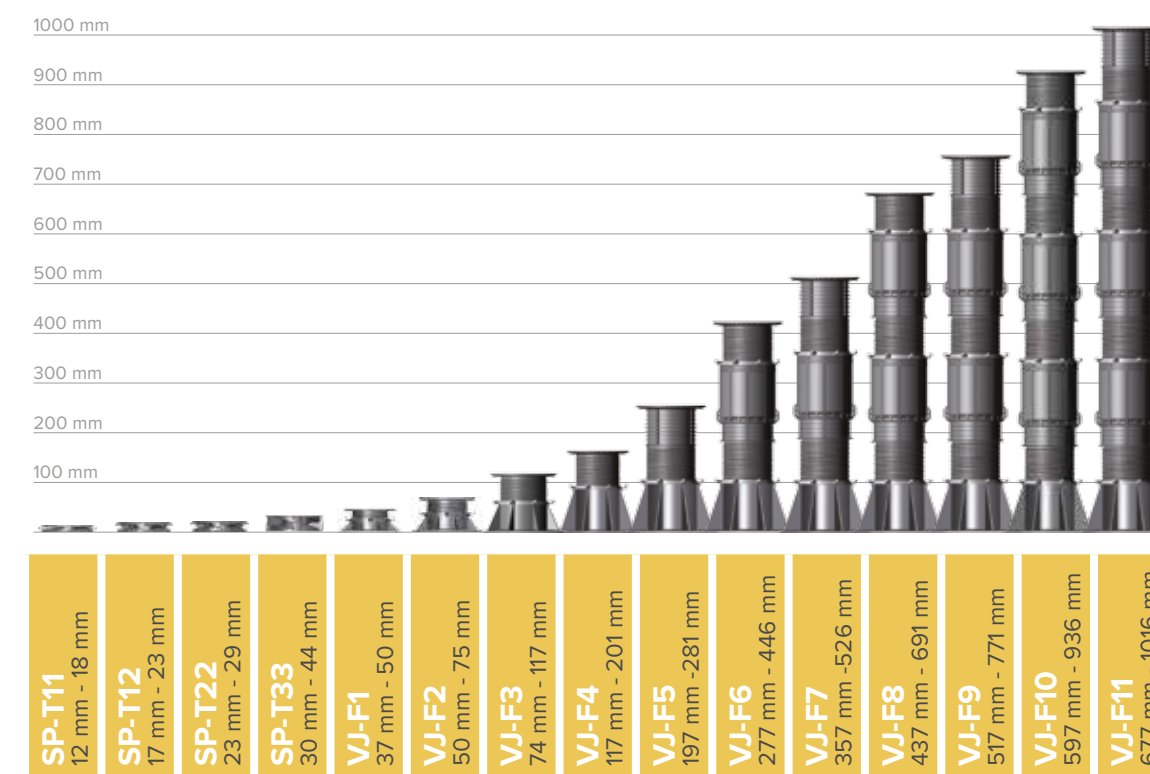
Material:	Recycled Polypropylene
Height Range:	37 - 1016 mm
Compressive Strength ¹ :	Min. 15 kN
Slope Correction:	0-5% @ 1% increments
Base Diameter:	189/202/226 mm
Biological/Chemical:	Unaffected by moulds and algae

¹ varies with different combinations



SpiraPave

VersiJack pedestals height chart



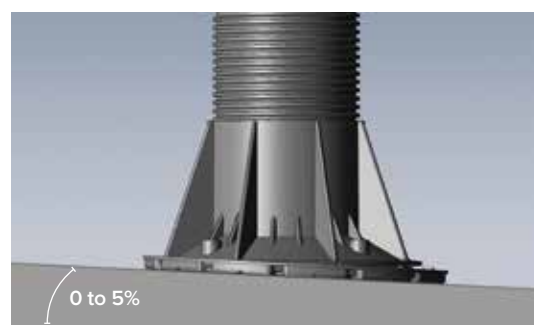
Adjustable Pedestals Accessories



Accessories

Base Slope Corrector

For correcting slopes up to 5° for pedestals over 300 mm in height. For correcting slopes between 5-10° then add a Top Slope Corrector.



Top Slope Corrector

For correcting slopes up to 5° for pedestals under 300 mm in height. For correcting slopes between 5-10° then add a Base Slope Corrector.



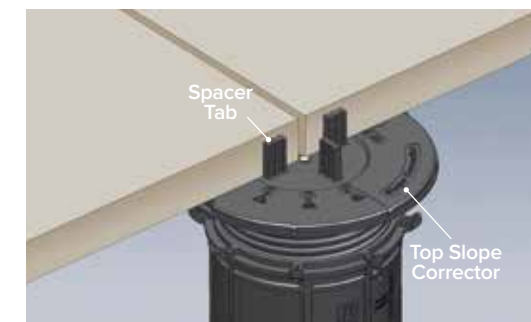
Joist Connection Clip

Clip-in pedestal attachment to lock and hold decking substructure joists.



Spacer Tabs

Thickness: 3 mm gap
Height: 15 mm



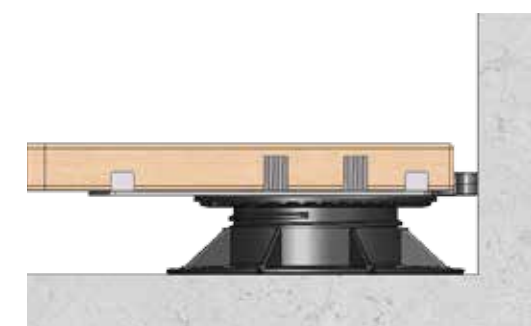
Bearer Holder

Suitable for joists from 35 mm to 80 mm wide.



Wall Spacer

Designed to provide a permanent compressible buffer where pavers are against a wall to prevent damage and facilitate drainage.



Turning Tool

Device that can be connected to an electric drill and used for changing the heights of the VersiJack pedestals



Rubber Shims

1 mm and 2 mm thick rubber shims can be used on top of the adjustable pedestals to increase sound and vibration absorption.



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NEW

Surface Support Trays

RoofTray

600 mm x 540 mm steel support tray

The steel trays used in conjunction with either adjustable pedestals or the Raaft Aluminium Joists means that a flat, porous structural raised floor can be created for the external terrace or podium environment allowing free drainage and services to run beneath. The RoofTrays can support many different surfaces including artificial grass, rubber play-surface or resin-bound gravel giving unlimited design options.

Suitable for use with our range of Planters and Tree Cubes.



Multiple surfaces supported by RoofTray provides void beneath to run services

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NEW

Surface Support Trays

RoofTray

600 mm x 540 mm steel support tray



RoofTray Technical Data

Code:	RT6054G
Size	600 x 540 mm
Height:	48 mm
Finish:	Galvanised Steel

They can be supported by either using the Raaft Aluminium Joists or adjustable pedestals.

We offer bespoke surface Support Trays

Book a consultation to discuss your bespoke RoofTray requirements today. Call **+44 (0)1580 830 688** or go to the consultation page on our website [kinley.co.uk](https://www.kinley.co.uk)





Planters and Tree Cubes



Planters

Planterline
Modular

Modular steel panels

42

36

Planters

HiGrade
Bespoke

Bespoke 6 mm pre-formed
steel panel system

Tree Cubes

Tree Cube

High quality steel
tree planters

46

32

Planters

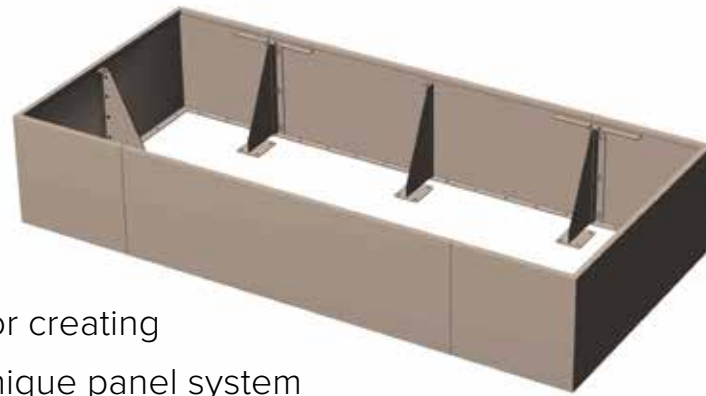
Planterline
Bespoke

Bespoke steel panels

Planters

Planterline Bespoke

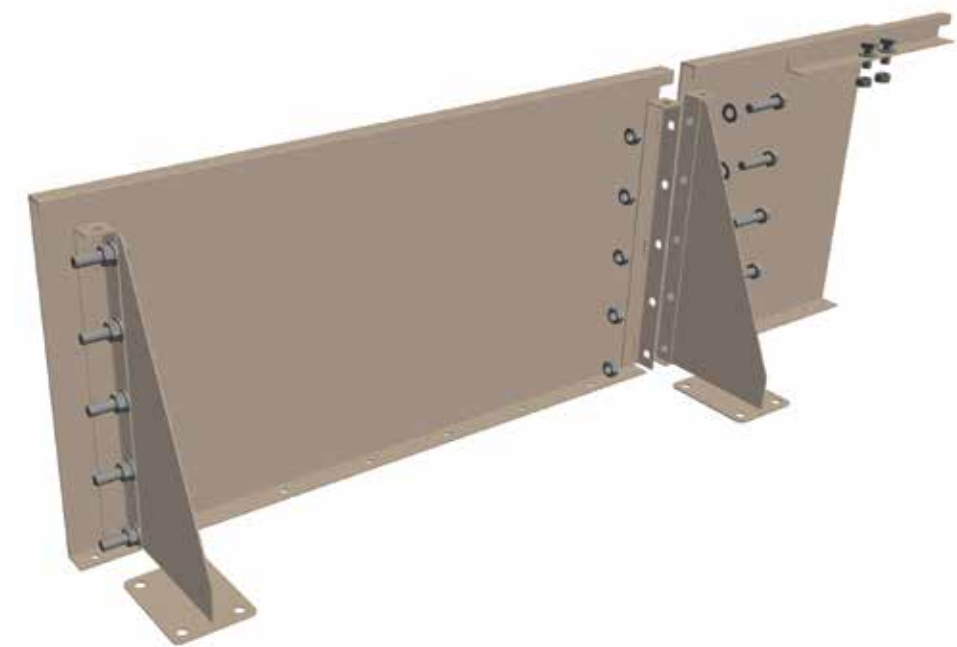
Bespoke 3 mm folded steel panel system



Planterline Bespoke is ideal for creating custom-sized planters. This unique panel system can be pre-formed to your requirements and is easy to handle on site. The panels have a unique folded design that ensures a strong retaining structure, but also keeps weight to a minimum making this an ideal choice for roof terrace applications.

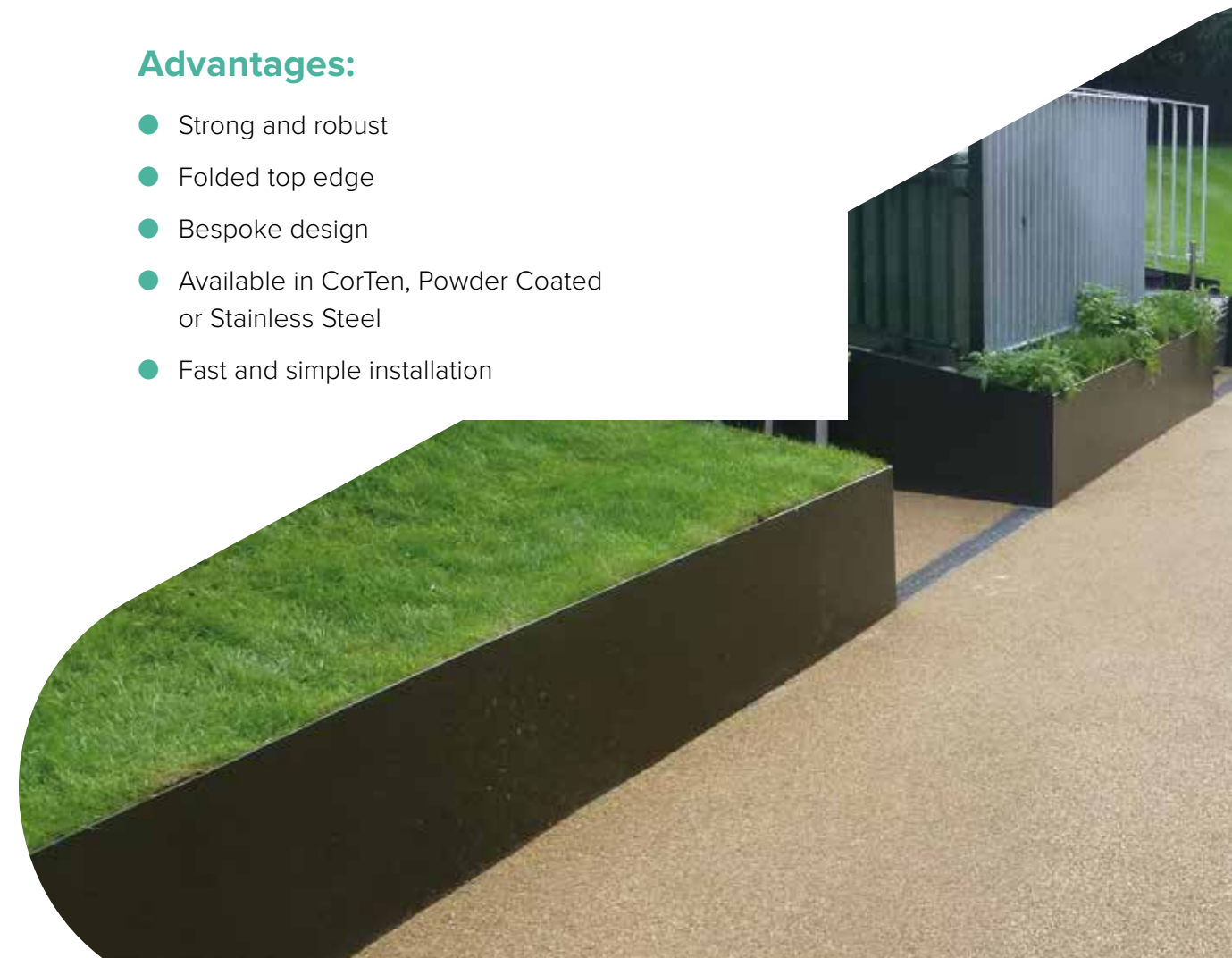
Use it for:

- Podiums and Terraces
- Public areas
- Private gardens



Advantages:

- Strong and robust
- Folded top edge
- Bespoke design
- Available in CorTen, Powder Coated or Stainless Steel
- Fast and simple installation



Planters Planterline Bespoke

Bespoke 3 mm folded
steel panel system



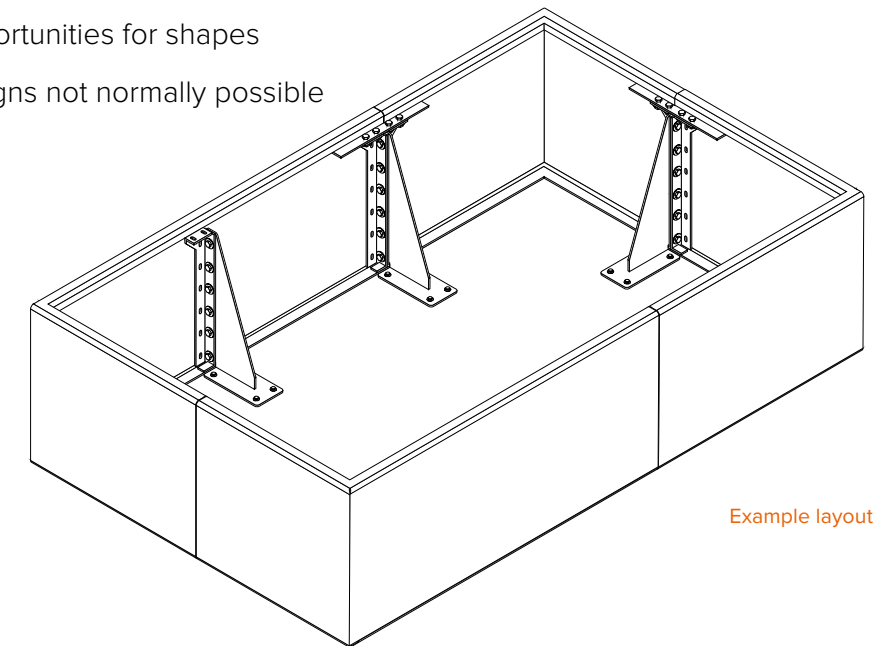
How it works:

- Step 1.** Design your inspired place
- Step 2.** Send your concept plan to Kinley or request a consultation
- Step 3.** Kinley advise on how to make it possible
- Step 4.** Kinley provide detail costing
- Step 5.** Your design is supplied in preformed sections to site.
Site support is available if required.
- Step 6.** Enjoy your inspired place made possible by Kinley!

Book a consultation to discuss your requirements today. Call **+44 (0)1580 830 688** or go to the consultation page on our website kinley.co.uk

Design parameters:

- Individual sections up to 2 m long
- Height range is from 300 mm – 1500 mm
- Height must stay consistent within a panel
- A range of finishes
- Endless opportunities for shapes
- Curved designs not normally possible



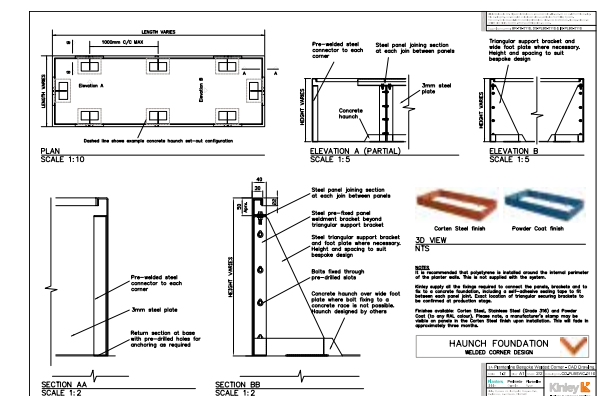
Example layout only

CAD drawings and
technical support
available



Finishes:

- CorTen (supplied to site unweathered)
- Ready-to-paint
- Armacote™ powder coating to any RAL colour
- For special requests contact our technical team to see if it is available



Planterline Bespoke integrated benches - see page 40

Planters

HiGrade Bespoke

Bespoke 6 mm pre-formed steel panel system

Bespoke steel edgings for prestigious projects requiring maximum strength and durability. The HiGrade Bespoke 6 mm system is the ultimate option for creating a retaining wall structure to almost any design. This system can be formed to curved or straight designs and reduce or increase in height throughout the length.



Example layout only

Use it for:

- Podiums and Terraces
- Public areas
- Private gardens

Advantages:

- High quality panel system available in bespoke sizes
- Can be pre-formed to curved or straight designs
- Available in CorTen, Galvanised, powder coated or Stainless Steel finishes
- Simple to assemble on site
- Supplied with triangular support brackets and hidden connections



Planters HiGrade Bespoke

Bespoke 6 mm
pre-formed steel
panel system



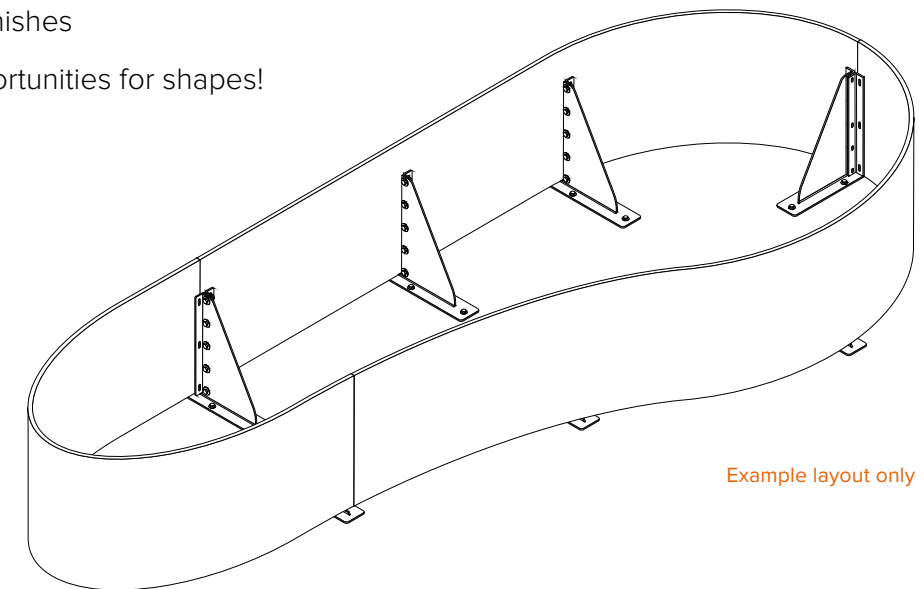
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Site support is available if required.
- Step 6.** Enjoy your inspired place made possible by Kinley!

Book a consultation to discuss your requirements today. Call **+44 (0)1580 830 688** or go to the consultation page on our website kinley.co.uk

Design parameters:

- Individual sections up to 3 m long
- Height range is from 300 mm - 1500 mm
- Height can be consistent or varied but the bottom edge must always sit level (this will mean a stepped Foundation if going up a slope)
- A range of finishes
- Endless opportunities for shapes!



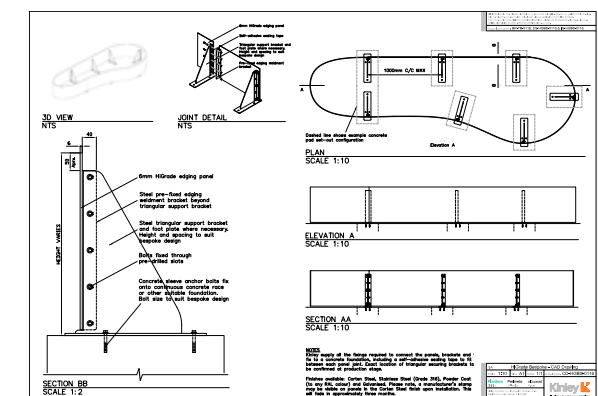
Example layout only

CAD drawings and
technical support
available



Finishes:

- Galvanised
- CorTen (supplied to site unweathered)
- Ready-to-paint
- Armacote™ powder coating to any RAL colour
- For special requests contact our technical team to see if it is available



HiGrade Bespoke integrated benches - see page 40

Planters NEW

Planterline & HiGrade Bespoke integrated benches

Integrated bench details have been created to compliment the Planterline and HiGrade Bespoke planter systems. Designs include an inset and cantilever version complete with hardwood slats to achieve a fantastic end result. This new design is available in bespoke lengths and is simple to install with the bespoke planter panels.

Planterline Bespoke 3 mm
foldedsteel panel system,
with integrated bench

Advantages:

- High quality panel system available in bespoke sizes
- Can be pre-formed to curved or straight designs
- Available in CorTen, Galvanised, powder coated or Stainless Steel finishes
- Simple to assemble on site
- Supplied with triangular support brackets and hidden connections
- Available in inset and cantilever designs

Book a consultation to discuss your requirements today. Call **+44 (0)1580 830 688** or go to the consultation page on our website [kinley.co.uk](https://www.kinley.co.uk)

HiGrade Bespoke 6 mm
pre-formed steel panel system
with integrated bench

Planters

Planterline Modular

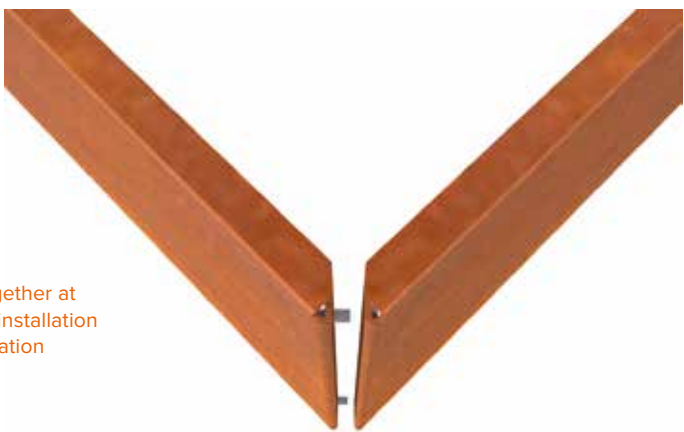
Modular steel panels



The innovative concept of Planterline stemmed from the need to provide cost-effective planting units with the added feature of combining different size panels to giving the specifier versatile and creative design scope.

Use it for:

- Podiums and Terraces
- Public areas
- Private gardens



Panels simply bolt together at the corners for quick installation and ease of transportation

Advantages:

- High quality finish
- CorTen steel (supplied to site unweathered)
- Wide range of modular panel sizes.
- Simple assembly





Planters

Planterline

Modular

Heights:
290 mm & 660 mm



100% recyclable



290 mm panel height

430 mm length

CorTen steel planter panel 2 mm thick

Code: **PLA30/50**

930 mm length

CorTen steel planter panel 2 mm thick

Code: **PLA30/100**

1430 mm length

CorTen steel planter panel 2 mm thick

Code: **PLA30/150**

2930 mm length

CorTen steel planter panel 2 mm thick

Code: **PLA30/300**



660 mm panel height

430 mm length

CorTen steel planter panel 2 mm thick

Code: **PLA70/50**

930 mm length

CorTen steel planter panel 2 mm thick

Code: **PLA70/100**

1430 mm length

CorTen steel planter panel 2 mm thick

Code: **PLA70/150**

2930 mm length

CorTen steel planter panel 2 mm thick

Code: **PLA70/300**



Example planter configurations

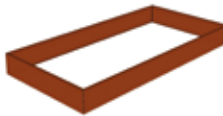
290 mm panel height



2no. **430 mm**
2no. **1430 mm**



2no. **930 mm**
2no. **1430 mm**



2no. **1430 mm**
2no. **2930 mm**



4no. **2930 mm**

660 mm panel height



2no. **430 mm**
2no. **1430 mm**



2no. **930 mm**
2no. **2930 mm**



2no. **1430 mm**
2no. **2930 mm**



4no. **2930 mm**

Tree Cubes

TreeCube

High quality steel tree planters



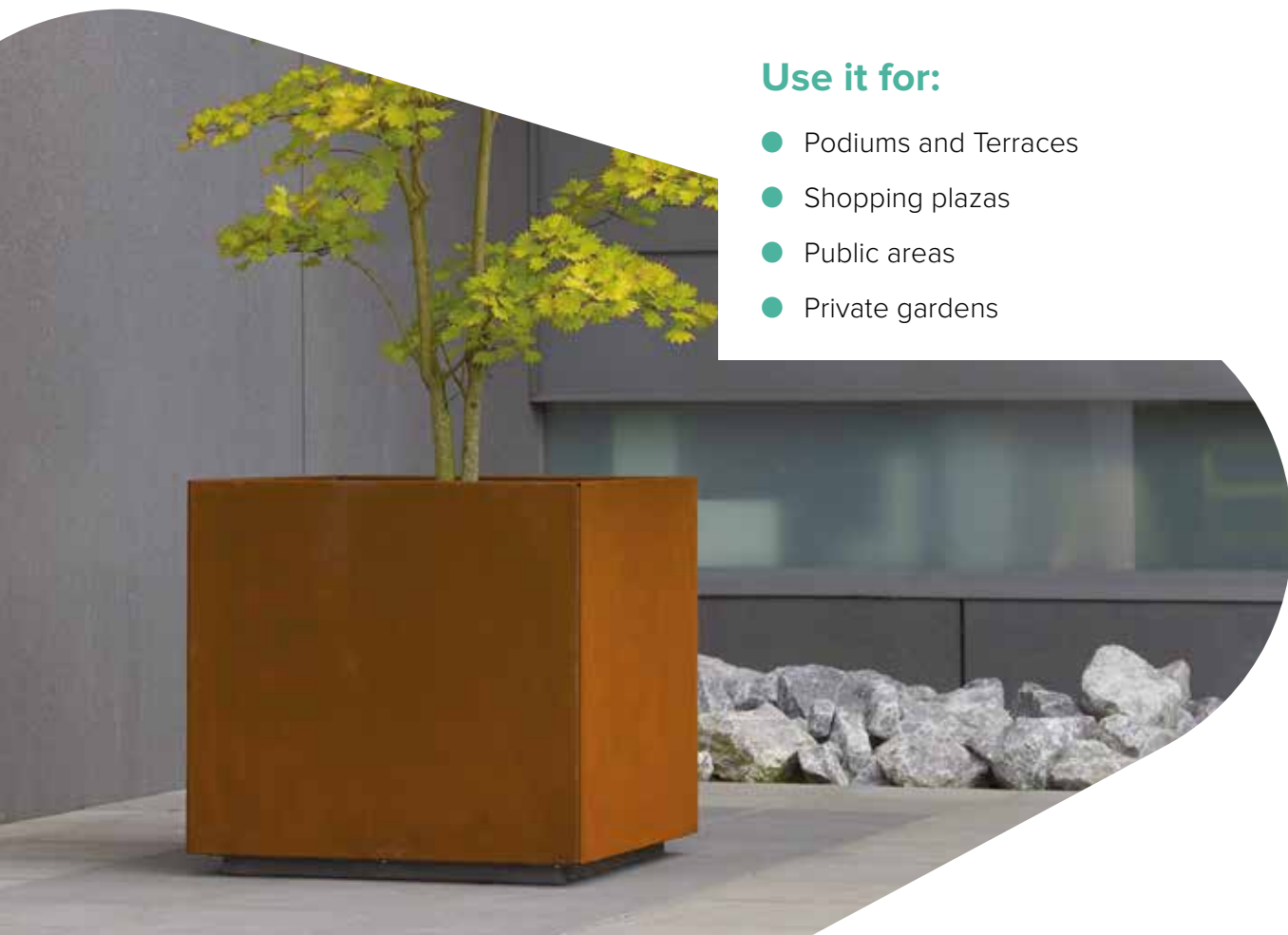
TreeCubes are high quality planters in 304 Stainless and CorTen steel. These finishes bring two unique design options to suit different landscape schemes.

Use it for:

- Podiums and Terraces
- Shopping plazas
- Public areas
- Private gardens

Advantages:

- Steel planter system that is robust, durable and attractive.
- Available in CorTen (supplied unfinished to site) or brushed 304 stainless steel
- Strong design allows re-positioning if required
- Larger unit can be supplied with Tree Anchoring system
- Optional polyethylene liners available
- Supplied flat packed for efficient transportation





Tree Cubes

TreeCube

Heights:
690 mm & 900 mm



100% recyclable



690 mm planter height

720 mm x 720 mm width

TC720C

CorTen A Steel planter.

Steel thickness:	2 mm	Flat pack:	(800 x 800 x 200 mm)
Weight empty:	85 kgs	Moveable:	with forklift
Substrate volume:	0.35 m³	Polythene liner:	TCPL950

TC720S

Stainless Steel planter.

Steel thickness:	2 mm	Flat pack:	(800 x 800 x 200 mm)
Weight empty:	85 kgs	Moveable:	with forklift
Substrate volume:	0.35 m³	Polythene liner:	TCPL950



900 mm planter height

950 mm x 950 mm width

TC950C

CorTen A Steel planter.

Steel thickness:	3 mm	Flat pack:	(1000 x 1000 x 200 mm)
Weight empty:	150 kgs	Moveable:	with forklift
Substrate volume:	0.8 m³	Polythene liner:	GTC95BC

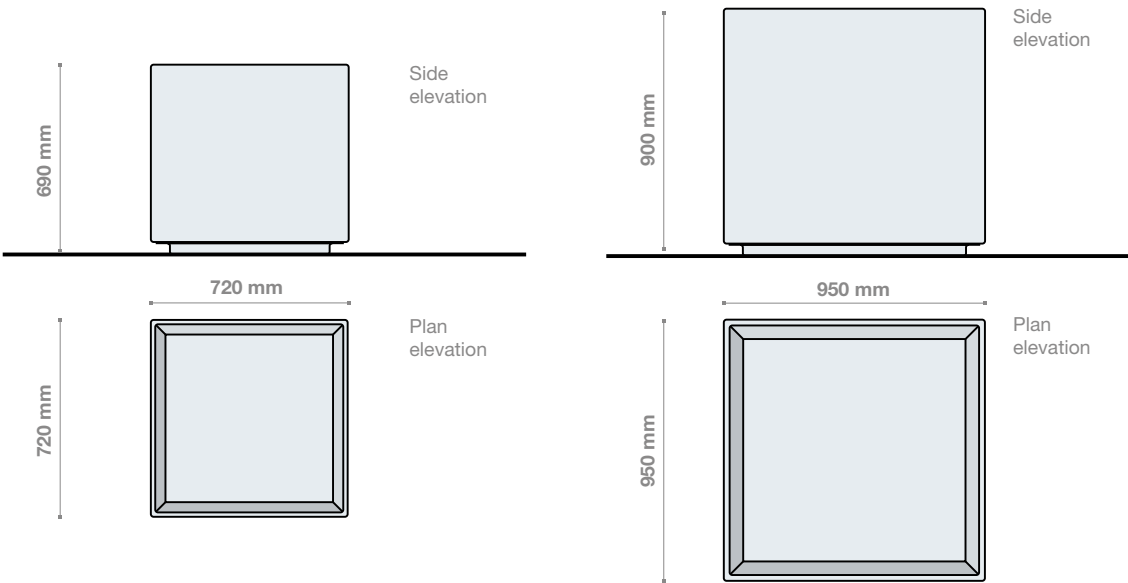
TC950S

Stainless Steel planter.

Steel thickness:	3 mm	Flat pack:	(1000 x 1000 x 200 mm)
Weight empty:	150 kgs	Moveable:	with forklift
Substrate volume:	0.8 m³	Polythene liner:	GTC95BC

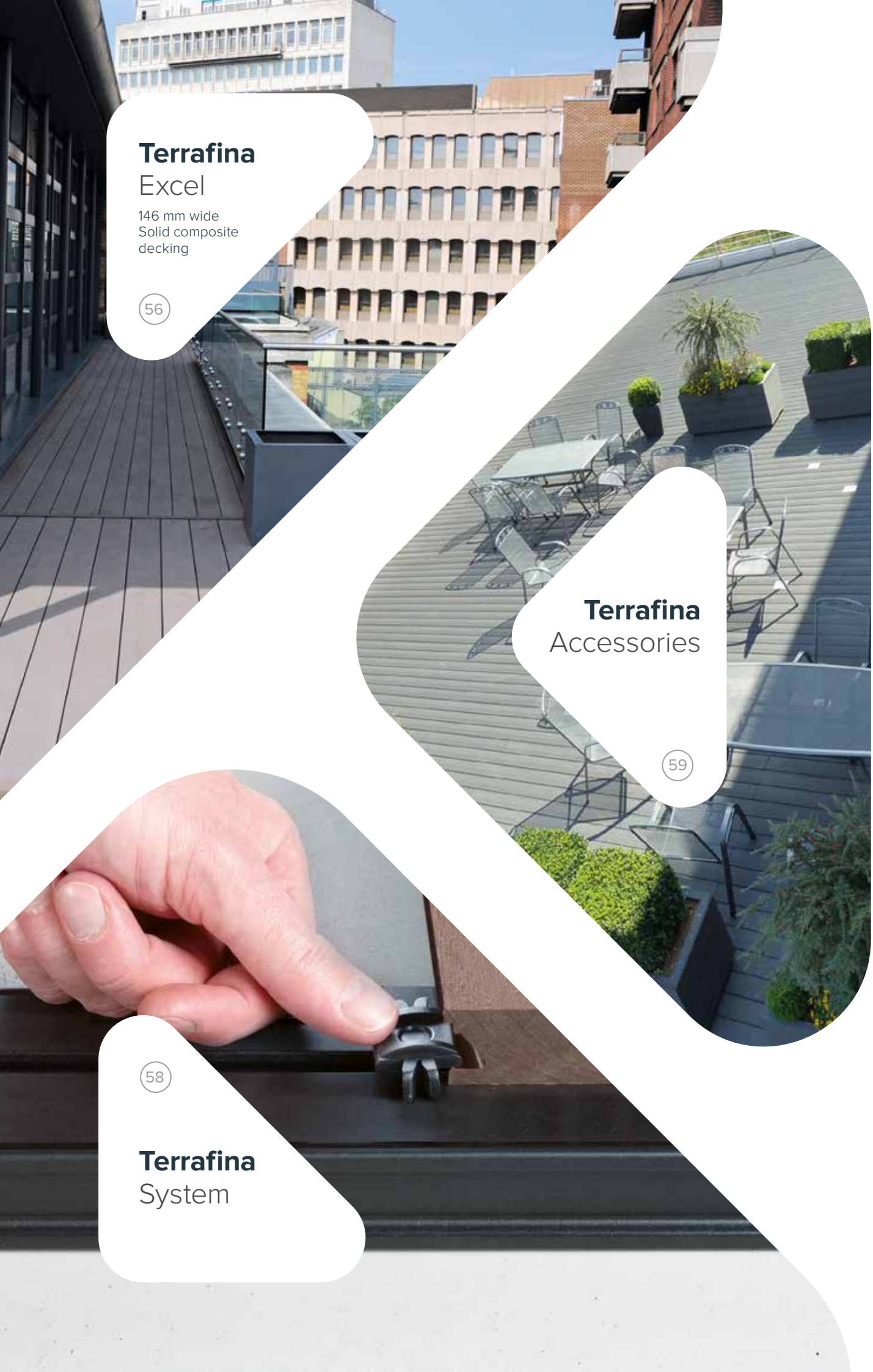


Diagrams





Decking



Terrafina
Excel
146 mm wide
Solid composite
decking
56

Terrafina
Accessories
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Terrafina
System

Terrafina

Simple. Durable. Beautiful

Three virtues. One complete system.

By combining all the construction elements from the substructure to the deck board, our wood polymer decking system delivers robust performance and durability with elegant aesthetics.

This durable system almost eliminates the need for screw fixing, making installation fast and simple. Extensive research and development combined with a high quality engineering process have produced the finest composite decking system available. Welcome to Terrafina.



The Benefits

- non-slip surface when wet or dry
- low maintenance
- stable and durable material
- excellent colour fastness and resistance to abrasion
- crack and splinter-free
- high resistance to weathering and temperature
- high resistance to wood destructive fungi and insect attack
- non-combustible in case of fire
- simple and easy to clean

In this prestigious development, Terrafina boards were used for both the decking and the stairs

Enhance your exterior environment

- suitable for the public and private sector
- use for terraces, balconies, roof gardens, leisure areas, promenades, boardwalks, jetties, pool and pond edges
- available in unique surface finishes and colours

Easy to assemble

- clip and clamp system
- simple and time-saving assembly – over 50% faster to install than hardwood decking
- invisible joining system
- as easy to work with as wood

Ecologically responsible

- eco-friendly – without tropical hardwood
- forest timber – from PEFC certified 100% sustainable forest management
- 100% recyclable material



Terrafina Excel Plain

Solid composite decking

Board Width:
146 mm



Made in Germany



Technical Data

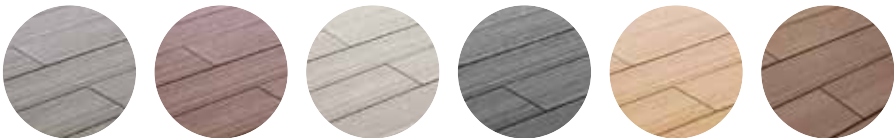
Excel Plain decking

Board width: **146 mm + 4 mm joint**
Height: **21 mm**
Weight: **3.8 kg/lm**
Length: **4, 4.5, 5, 5.5 & 6 m**

Max span
between supports: **500 mm**
Max loading
between board: **2720 Newtons**



Specifications



Length	Finish	Grey brown	Red Brown	Pebble Grey	Graphite	Sand	Coffee
4.0 m	Plain	TEP 40 GB	TEP 40 RB	TEP 40 PG	TEP 40 GR	TEP 40 SA	TEP 40 CO
4.5 m	Plain	TEP 45 GB	TEP 45 RB	TEP 45 PG	TEP 45 GR	TEP 45 SA	TEP 45 CO
5.0 m	Plain	TEP 50 GB	TEP 50 RB	TEP 50 PG	TEP 50 GR	TEP 50 SA	TEP 50 CO
5.5 m	Plain	TEP 55 GB	TEP 55 RB	TEP 55 PG	TEP 55 GR	TEP 55 SA	TEP 55 CO
6.0 m	Plain	TEP 60 GB	TEP 60 RB	TEP 60 PG	TEP 60 GR	TEP 60 SA	TEP 60 CO



Terrafina Excel Yacht

Solid composite decking

Board Width:
146 mm



Made in Germany



Technical Data

Excel Yacht decking

Board width: **146 mm + 4 mm joint**
Height: **21 mm**
Weight: **3.8 kg/lm**
Length: **4, 5, & 6 m**

Max span
between supports: **500 mm**
Max loading
between board: **2720 Newtons**



Specifications



Length	Finish	Grey brown	Red Brown	Pebble Grey
4.0 m	Yacht	TEY 40 GB	TEY 40 RB	TEY 40 PG
5.0 m	Yacht	TEY 50 GB	TEY 50 RB	TEY 50 PG
6.0 m	Yacht	TEY 60 GB	TEY 60 RB	TEY 60 PG

Terrafina System

Unique fixing system, just clip into place



The assembly of Terraфина deck boards is exceptionally simple using our clip and clamp system. Disassembly and reassembly is equally straightforward if alterations or additions are required at a later date. Moreover the versatile nature of the system enables it to be installed in a wide range of applications.

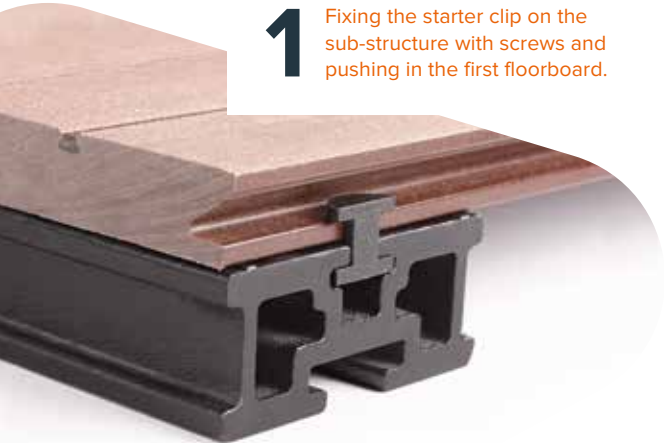
Designed for quick installation

- Only the first fixing row needs to be screw-fixed
- No pre-drilling and screwing of boards
- Just clip and clamp
- More than twice as fast to install as hardwood decking
- No visible fixings

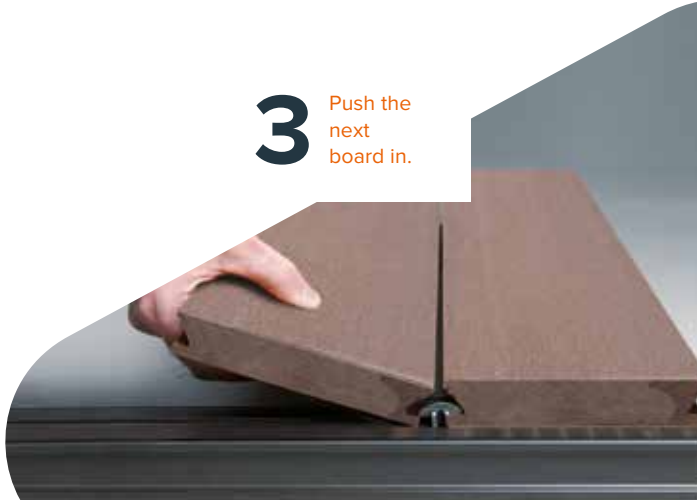


2 To continue the assembly of the boards, insert the installation clip (no screws needed).

1 Fixing the starter clip on the sub-structure with screws and pushing in the first floorboard.



3 Push the next board in.



Terrafina accessories

Joint Profile

Black plastic trim for concealing gaps between boards

5 units per pack

6 m length

TJP60B



System Edge Profile WPC

This neat and unobtrusive edge profile is easy to install and is suitable for use with any of the Terraфина decking boards.

10 units per pack. Width 30 mm x height 64 mm x Length 4 m

Graphite: **TCEP 40 GR**
Sand: **TCEP 40 SA**
Grey Brown: **TCEP 40 GB**
Dark Brown: **TCEP 40 DB**

Stone Grey: **TCEP 40 SG**
Pebble Grey: **TCEP 40 PG**
Coffee: **TCEP 40 CO**



System Edge Profile Aluminium

The anodized aluminium profile is available in two sizes and provides a striking contrast to the decking boards.

10 units per pack. Length: 4 m

Width 25 mm x Height 52 mm
Colour: Titanium **TEP 40 A52**

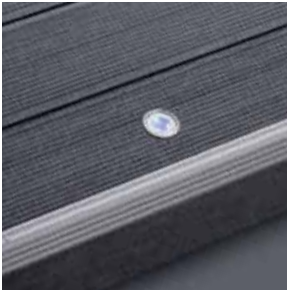
Width 25 mm x Height 38 mm
Colour: Titanium **TEP 40 A38**



LED Lighting

The ultra-flat LED lighting system is a patented, easily mountable and weight bearing light innovation using LED technology.

- Energy-saving and extreme longevity
- Weight bearing construction up to 285 kg
- Installation depth only 6.5 mm
- Top protection class IP67
- Stainless steel case



System Adhesive

Adhesive 310 ml tube

Code

TSAD

Cleaning Set

Everything you need to clean Terraфина decking.

Code

TCK



Tiles

Atria
Porcelain tile
range

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Atria
Special trims

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Atria
Installation
& specification

Atria

Bring the Inside out,
or the Outside in

Create seamless living spaces with matching
10 mm internal and 20 mm external porcelain tiles

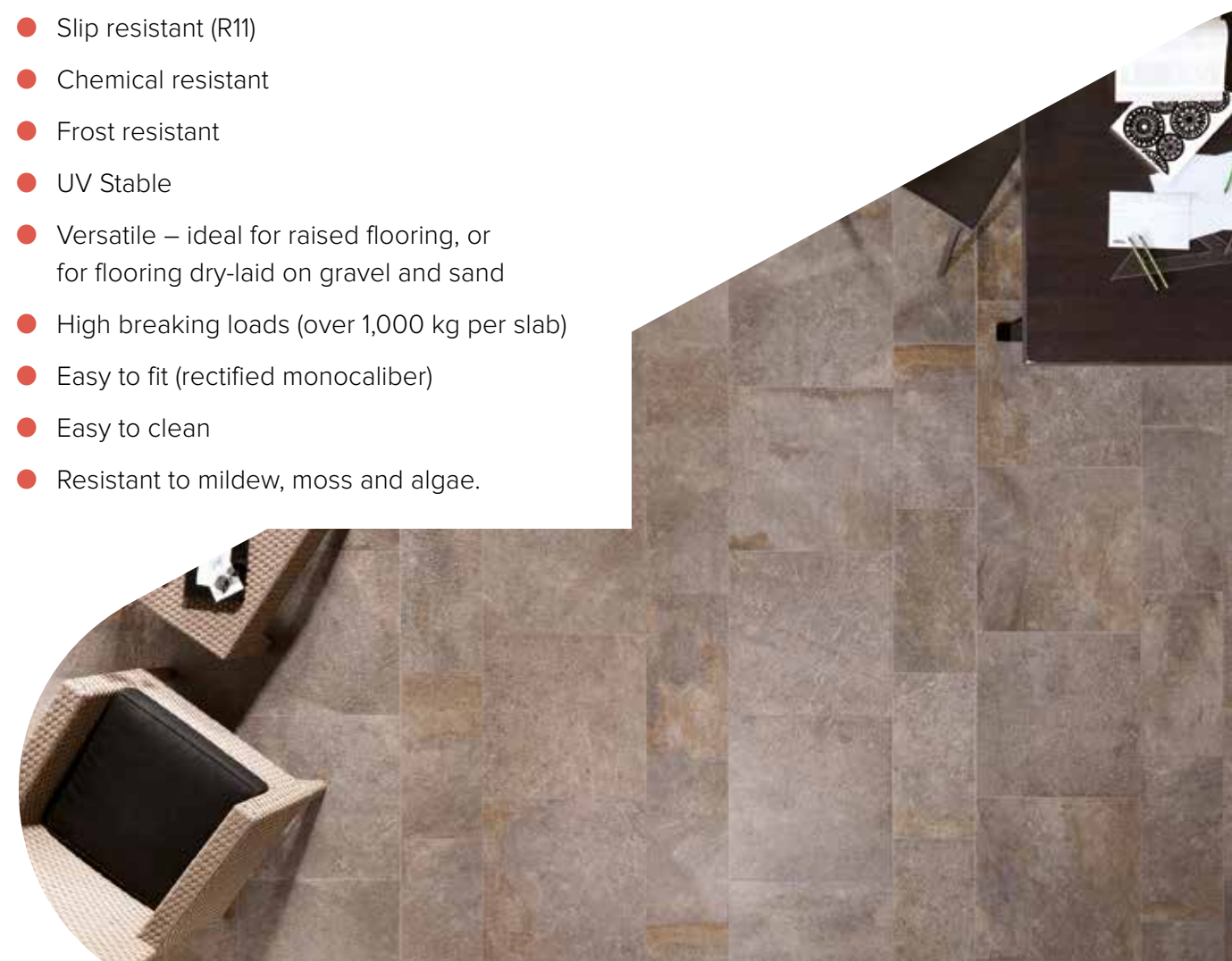
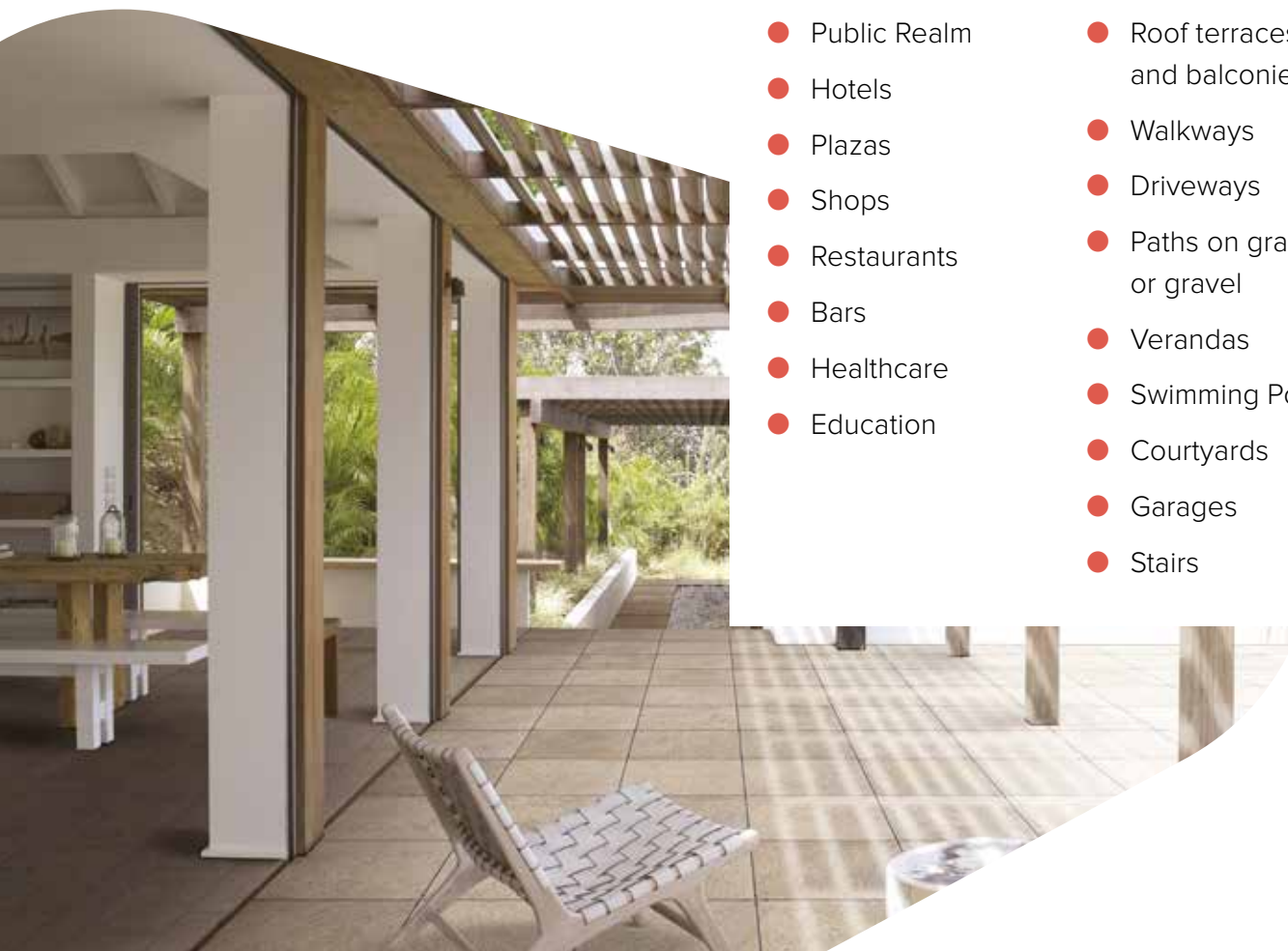
Atria tiles allow you to create a free-flowing design that begins inside and carries through to outdoor spaces, creating one beautiful place to enjoy whatever the weather. Atria tiles offer a perfect blend of Italian style, with excellent slip resistance and tremendous durability that most tiles can't compete with. The tiles also work well in conjunction with our Support Structures.

Use it for:

- Public Realm
- Hotels
- Plazas
- Shops
- Restaurants
- Bars
- Healthcare
- Education
- Roof terraces and balconies
- Walkways
- Driveways
- Paths on grass or gravel
- Verandas
- Swimming Pools
- Courtyards
- Garages
- Stairs

Advantages:

- Exceptionally hard wearing, withstanding both moving and parked vehicles
- Slip resistant (R11)
- Chemical resistant
- Frost resistant
- UV Stable
- Versatile – ideal for raised flooring, or for flooring dry-laid on gravel and sand
- High breaking loads (over 1,000 kg per slab)
- Easy to fit (rectified monocaliber)
- Easy to clean
- Resistant to mildew, moss and algae.



Atria
Porcelain tile colours



The Atria range is changing and growing regularly. Contact Kinley for the latest colours available.

t: +44 (0)1580 830 688
e: sales@kinley.co.uk

70 Latina: Beige

68 Roma: Natural

74 Venice: Beige

70 Latina: Grey

68 Roma: Earth

71 Florence: Millstone

72 Siena: Quartz Grey

70 Latina: Silver

74 Venice: Grey

74 Venice: Moka

72 Siena: Slate

68 Roma: Copper

68 Roma: Lead

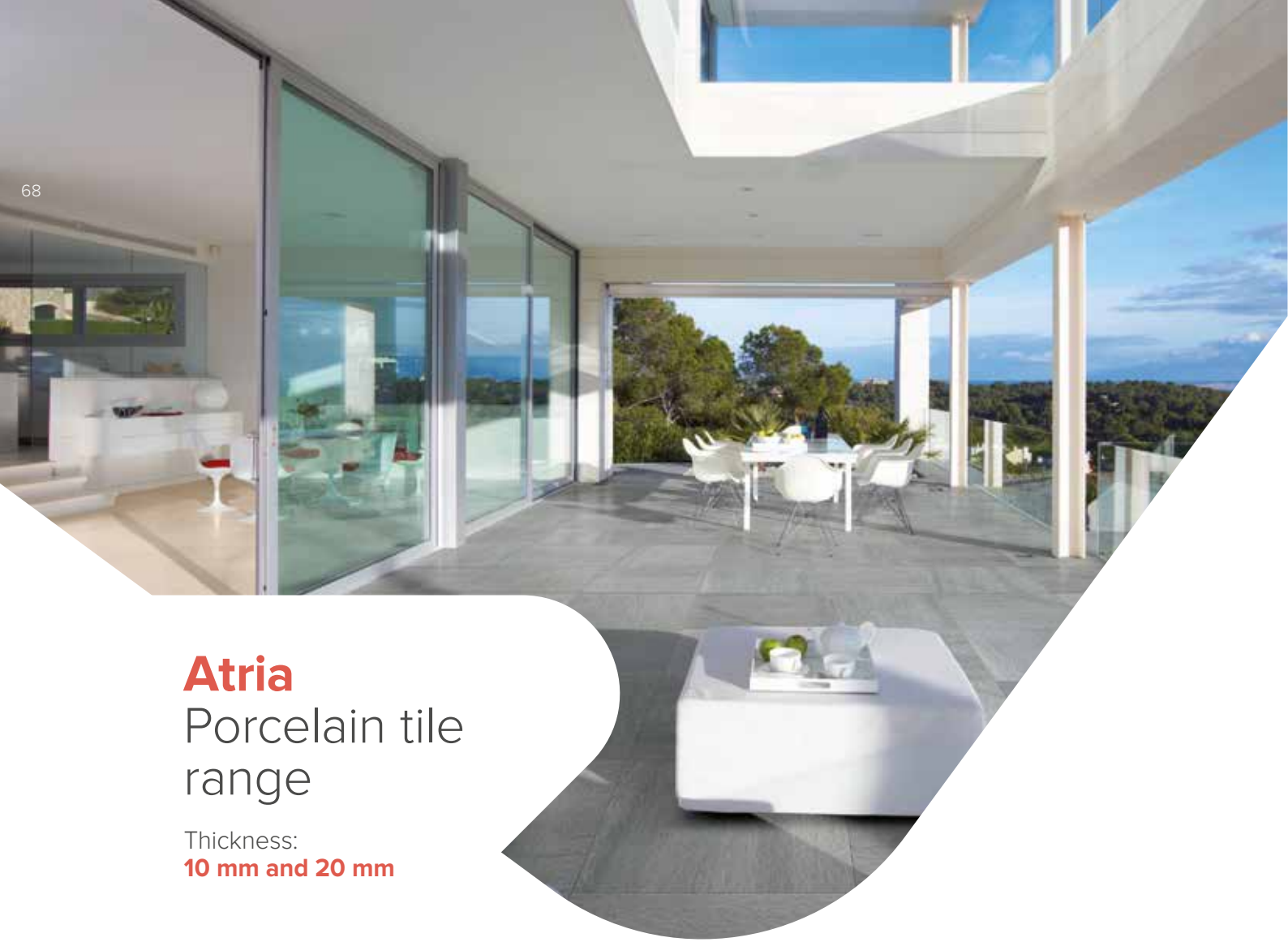
70 Latina: Anthracite

71 Florence: Graphite

74 Venice: Anthracite

73 Como: Brown

73 Como: Honey



Atria
Porcelain tile
range

Thickness:
10 mm and 20 mm



Roma: colours



Sizes

Roma: 10 mm thickness

4 colours, 6 sizes, and 2 surface finishes

Size:	450 mm x 900 mm	Surface finish:	Natural RT (R9)	<input type="checkbox"/>
Thickness:	10 mm			
Size:	600 mm x 600 mm	Surface finishes:	Natural RT (R9) Textured RT (R11)	<input type="checkbox"/>
Thickness:	10 mm			
Size:	400 mm x 600 mm	Surface finishes:	Natural RT (R9) Textured RT (R11)	<input type="checkbox"/>
Thickness:	10 mm			
Size:	300 mm x 600 mm	Surface finishes:	Natural RT (R9) Textured RT (R11)	<input type="checkbox"/>
Thickness:	10 mm			
Size:	200 mm x 600 mm	Surface finishes:	Natural RT (R9) Textured RT (R11)	<input type="checkbox"/>
Thickness:	10 mm			
Size:	300 mm x 300 mm	Surface finishes:	Natural RT (R9) Textured RT (R11)	<input type="checkbox"/>
Thickness:	10 mm			

Roma: 20 mm thickness

4 colours, 4 sizes, and 1 surface finish

Size:	450 mm x 900 mm	Surface finish:	Textured RT (R11)	<input type="checkbox"/>
Thickness:	20 mm			
Size:	600 mm x 1200 mm	Surface finish:	Textured RT (R11)	<input type="checkbox"/>
Thickness:	20 mm			
Size:	750 mm x 750 mm	Surface finish:	Textured RT (R11)	<input type="checkbox"/>
Thickness:	20 mm			
Size:	600 mm x 600 mm	Surface finish:	Textured RT (R11)	<input type="checkbox"/>
Thickness:	20 mm			

Latina: Colours



Sizes

Latina: 9.5 mm thickness

4 colours, 2 sizes and 1 surface finishes

Size: 600 mm x 600 mm

Thickness: 9.5 mm

Surface finishes: Natural RT (R10)

☐

Size: 300 mm x 600 mm

Thickness: 9.5 mm

Surface finishes: Natural RT (R10)

☐

Latina: 20 mm thickness

4 colours, 3 sizes and 1 surface finish

Size: 600 mm x 600 mm

Thickness: 20 mm

Surface finish: Textured RT (R11)

☐

Size: 450 mm x 900 mm

Thickness: 20 mm

Surface finish: Textured RT (R11)

(Not available in Beige or Silver)

☐

Size: 750 mm x 750 mm

Thickness: 20 mm

Surface finish: Textured RT (R11)

(Not available in Beige or Silver)

☐

Florence: colours



Sizes

Florence: 10 mm thickness

2 colours, 5 sizes and 2 surface finishes

Size: 600 mm x 600 mm

Thickness: 10 mm

Surface finishes: Smooth RT (R9)

Textured RT (R11)

☐

Size: 400 mm x 600 mm

Thickness: 10 mm

Surface finishes: Smooth RT (R9)

Textured RT (R11)

☐

Size: 300 mm x 600 mm

Thickness: 10 mm

Surface finishes: Smooth RT (R9)

Textured RT (R11)

☐

Size: 200 mm x 600 mm

Thickness: 10 mm

Surface finishes: Smooth RT (R9)

Textured RT (R11)

☐

Size: 300 mm x 300 mm

Thickness: 10 mm

Surface finishes: Smooth RT (R9)

Textured RT (R11)

☐

Florence: 20 mm thickness

2 colours, 1 size and 1 surface finish

Size: 600 mm x 600 mm

Thickness: 20 mm

Surface finish: Textured RT (R11)

☐

Siena: colours

Quartz Grey



Slate



Sizes

Siena: 10 mm thickness

2 colours, 5 sizes and 2 surface finishes

Size: **600 mm x 600 mm** Surface finishes: **Smooth RT (R9)**
Thickness: **10 mm** **Textured RT (R11)** ☐

Size: **400 mm x 600 mm** Surface finishes: **Smooth RT (R9)**
Thickness: **10 mm** **Textured RT (R11)** ☐

Size: **300 mm x 600 mm** Surface finishes: **Smooth RT (R9)**
Thickness: **10 mm** **Textured RT (R11)** ☐

Size: **200 mm x 600 mm** Surface finishes: **Smooth RT (R9)**
Thickness: **10 mm** **Textured RT (R11)** ☐

Size: **300 mm x 300 mm** Surface finish: **Textured RT (R11)**
Thickness: **10 mm** ☐

Siena: 20 mm thickness

2 colours, 1 size and 1 surface finish

Size: **600 mm x 600 mm** Surface finish: **Textured RT (R11)**
Thickness: **20 mm** ☐

Como: Colours

Brown



Honey



Sizes

Como: 10 mm thickness

2 colours, 3 sizes and 2 finishes

Size: **150 mm x 1200 mm** Surface finish: **Natural RT (R9)**
Thickness: **10 mm** ☐

Size: **200 mm x 1200 mm** Surface finishes: **Natural RT (R9)**
Thickness: **10 mm** **Textured RT (R11)** ☐

Size: **300 mm x 1200 mm** Surface finish: **Natural RT (R9)**
Thickness: **10 mm** ☐

Como: 20 mm thickness

2 colours, 2 sizes and 1 surface finish

Size: **300 mm x 1200 mm** Surface finish: **Textured RT (R11)**
Thickness: **20 mm** ☐

Size: **600 mm x 600 mm** Surface finish: **Textured RT (R11)**
Thickness: **20 mm** ☐

Venice: Colours



Sizes

Venice: 10 mm thickness

4 colours, 8 sizes and 2 surface finishes

Size:	1200 mm x 2400 mm	Surface finishes:	Smooth RT (R9) Textured RT (R11)	<input type="checkbox"/>
Thickness:	10 mm			
Size:	1200 mm x 1200 mm	Surface finishes:	Smooth RT(R9) Textured RT (R11)	<input type="checkbox"/>
Thickness:	10 mm			
Size:	600 mm x 1200 mm	Surface finishes:	Smooth RT(R9) Textured RT (R11)	<input type="checkbox"/>
Thickness:	10 mm			
Size:	300 mm x 1200 mm	Surface finishes:	Smooth RT(R9) Textured RT (R11)	<input type="checkbox"/>
Thickness:	10 mm			
Size:	200 mm x 1200 mm	Surface finishes:	Smooth RT(R9) Textured RT (R11)	<input type="checkbox"/>
Thickness:	10 mm			
Size:	600 mm x 600 mm	Surface finishes:	Smooth RT(R9) Textured RT (R11)	<input type="checkbox"/>
Thickness:	10 mm			



Sizes

Venice: 10 mm thickness

4 colours, 8 sizes and 2 surface finishes

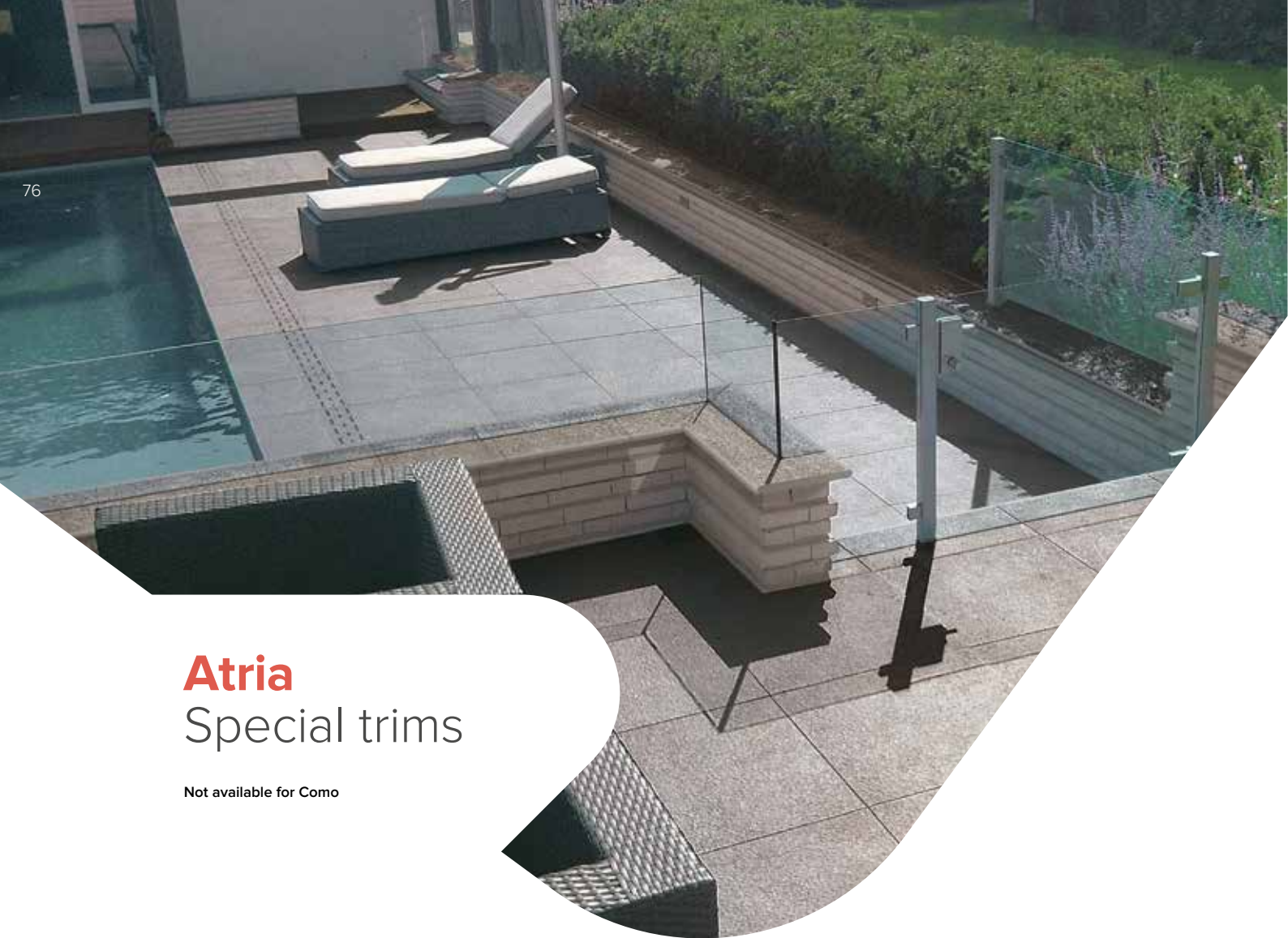
Size:	300 mm x 600 mm	Surface finishes:	Smooth RT(R9) Textured RT (R11)	<input type="checkbox"/>
Thickness:	10 mm			
Size:	450 mm x 450 mm	Surface finishes:	Smooth RT(R9) Textured RT (R11)	<input type="checkbox"/>
Thickness:	10 mm			

Venice: 20 mm thickness

4 colours, 2 sizes and 1 surface finish

Size:	900 mm x 900 mm	Surface finish:	Textured RT (R11)	<input type="checkbox"/>
Thickness:	20 mm			
Size:	600 mm x 600 mm	Surface finish:	Textured RT (R11)	<input type="checkbox"/>
Thickness:	20 mm			





Atria Special trims

Not available for Como



Special Trims



Rounded edge installation

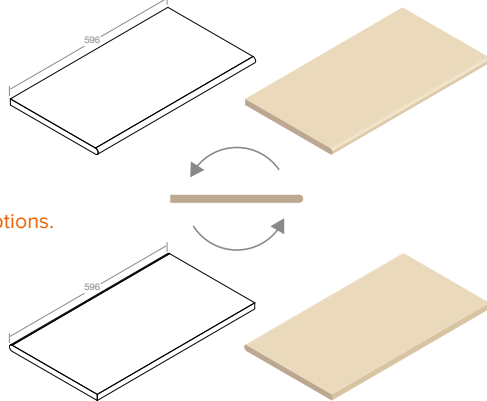


Squared edge installation

Monolithic step tread in porcelain stoneware

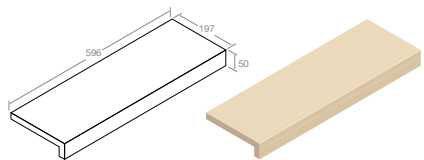
330 mm x 600 mm, 20 mm thickness

Reversible surface:
One step tread two options.



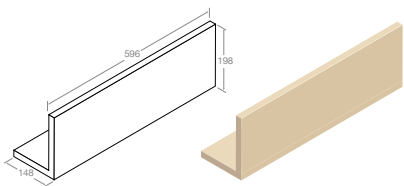
Terminal "L"

600 mm x 200 mm x 50 mm



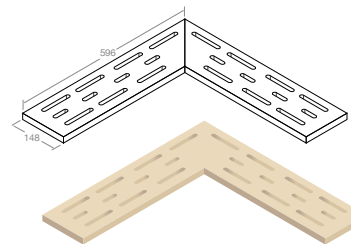
Kerb "L"

600 mm x 200 mm x 150 mm



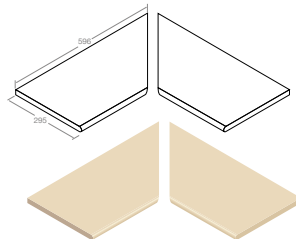
Corner Grille

300 mm x 600 mm



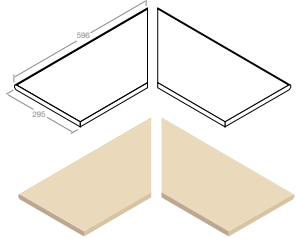
Internal corner edge with curve

300 mm x 600 mm



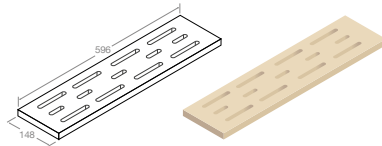
External corner edge with curve

300 mm x 600 mm



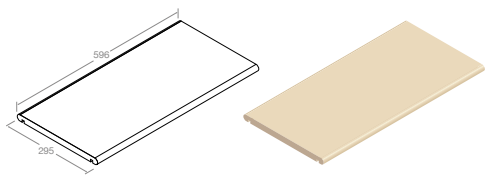
Grille

150 mm x 600 mm



Top

300 mm x 600 mm



Atria

Installation & specification

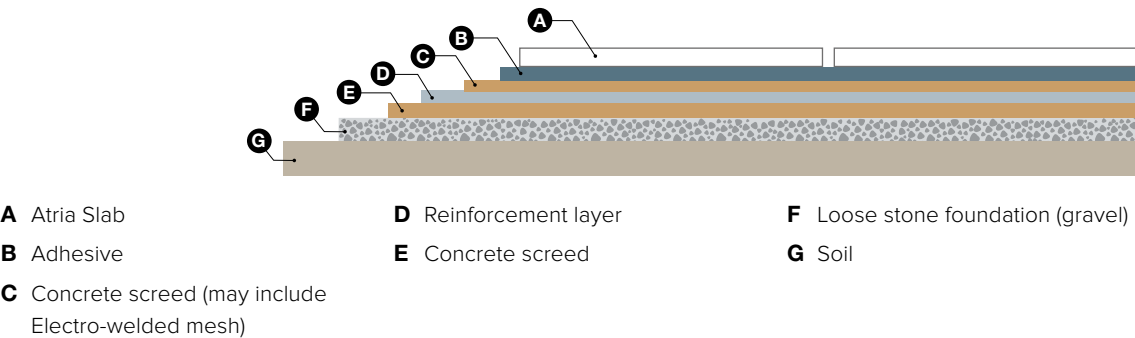
Advantages of laying on screeds with adhesive

- Maximum stability over time
- Ideal for areas open to vehicle traffic
- Ideal for areas frequented by large numbers of pedestrians

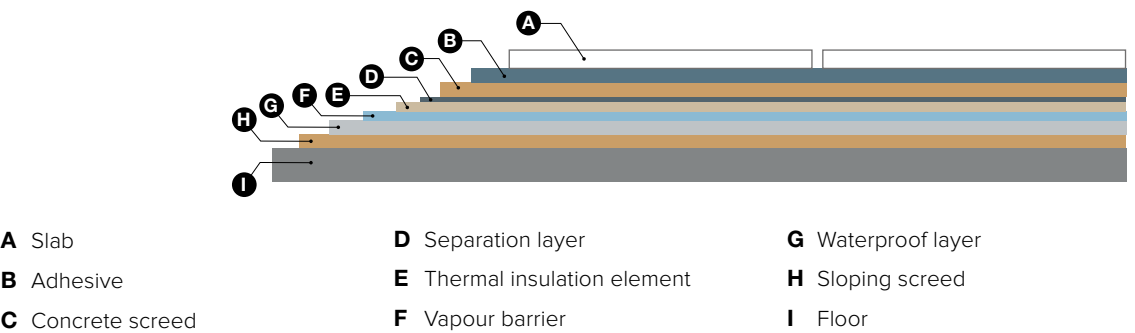
Recommended locations for laying on screeds with adhesive

- Courtyards
- Arcades/porches
- Terraces/balconies
- Access ramps
- Garages, car parks
- Short-stay sites for vehicles
- Cycle paths
- Walkways
- Pavements
- Squares

Example of laying on a screed with adhesive, on the ground



Example of laying on a screed with adhesive, on a flat roof



These laying designs are provided for purely illustrative purposes. Furthermore, all laying must be supervised by a professional fitter who is able to check that the finished job is compliant with the legislation applicable in the country of installation*.

Advantages of laying on pedestals

- Quick and easy laying
- Facilitates rapid surface drainage
- Reusable and replaceable
- Ready for use right away
- Height adjustable to 1 mm

Recommended locations for laying on pedestals

- Terraces
- Balconies
- Roof gardens
- Patios
- Walkways
- Retail and catering premises with outdoor areas



Warnings for project engineers and customers

If the application of the 20 mm slabs foresees the ceramic product used in structural installations, the project engineer and/or customer must carefully assess the project requirements with regard to the technical specifications of the slabs. To prevent the risk of damage or injury, the manufacturer recommends:



Pedestal heights	Up to 20 mm	From 20 mm to 100 mm	From 100 mm to 300 mm
 600 x 1200 mm (Rated) 450 x 900 mm (Rated) 6 supports per slab	6 Supports 3.4 pcs/m ² - 600 x 1200 mm 6.0 pcs/m ² - 450 x 900 mm	6 Supports 3.4 pcs/m ² - 600 x 1200 mm 6.0 pcs/m ² - 450 x 900 mm + Fiber Mesh Plus or Galvanized steel sheet*	6 Supports 3.4 pcs/m ² - 600 x 1200 mm 6.0 pcs/m ² - 450 x 900 mm + Fiber Mesh Plus or Galvanized steel sheet*
 300 x 1200 mm (Rated) 6 supports per slab	6 Supports 7 pcs/m ²	6 Supports 7 pcs/m ² + Fiber Mesh Plus or Galvanized steel sheet*	6 Supports 7 pcs/m ² + Fiber Mesh Plus or Galvanized steel sheet*
 600 x 600 mm (Rated) 4 supports per slab	4 Supports 3.4 pcs/m ²	4 Supports 3.4 pcs/m ²	4 Supports 3.4 pcs/m ² + Fiber Mesh Plus or Galvanized steel sheet *
 750 x 750 mm (Rated) 4 supports per slab	4 Supports 3 pcs/m ²	Not applicable	Not applicable



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Book a CPD

We're here to help you create amazing spaces for people to enjoy. That's why at Kinley we offer training and support, covering all our products so you can get the most out of your project. We regard effective training as key to successful specification and installation of our products and we offer a range of training seminars to landscape architects and designers.

Visit the resource centre

An invaluable bank of information to make design and specification as simple and fast as possible.

The resource centre includes:

- Technical CAD drawings
- Data sheets
- Installation guides
- Case studies
- Image gallery
- Videos

go to www.kinley.co.uk/resource-centre

Contact our technical team

For further information or to discuss your designs give us a call on **+44 (0)1580 830688** or email **sales@kinley.co.uk** to discover how we can make your inspired places possible!

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e: **sales@kinley.co.uk**

kinley.co.uk



INSPIRED PLACES MADE POSSIBLE