

cortenstudio

THE
TERRACE
BOOK

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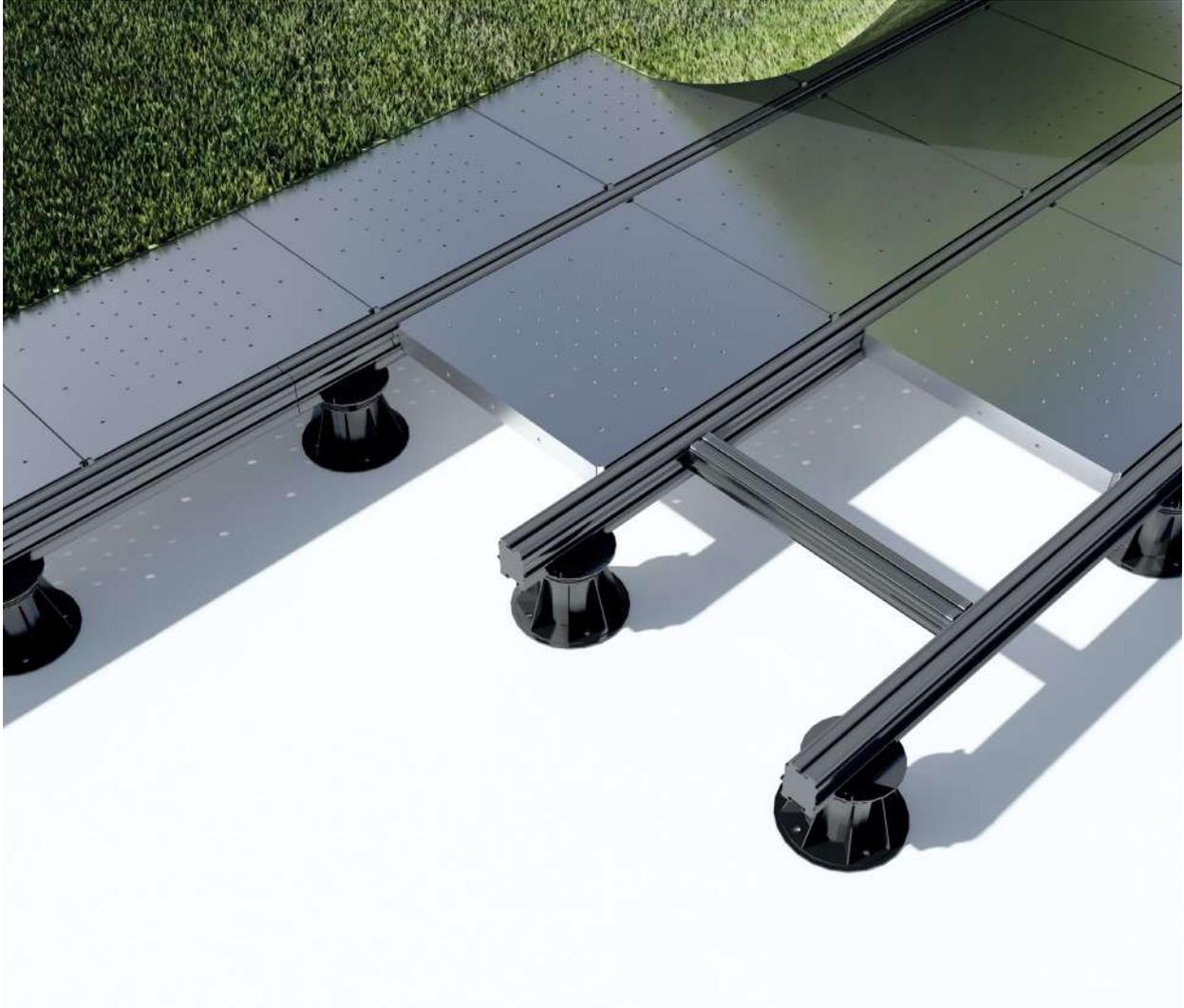
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RAAFT

Deck Framing System

The RAAFT deck framing system creates a simple, smart, and effective platform on which the rest of the terrace can be built. It supports hardwood and composite decking, exterior tiles, turf, and custom planters.

RAAFT

The Turnkey Terrace System

Corten Studio's RAAFT deck framing system is a durable structural solution designed to replace the inefficiencies associated with traditional terrace design and construction.

RAAFT Supports

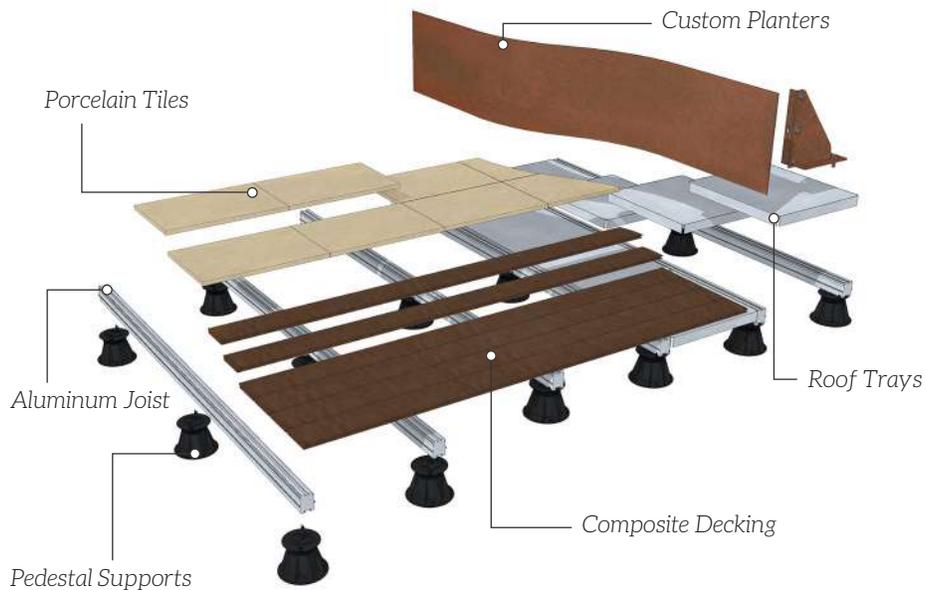
Composite Decking
Hardwood Decking
Structural Tiles
Planter Systems

Install Over:

Concrete Pads
Existing Tiles or Pavers
Natural Ground
Waterproofed Areas

Quality Durable Materials:

6063-T6 Structural Aluminum Joist and Bearer Framework
Corrosion resistant 304 & 316 Stainless Steel accessories



We are continually evolving and developing our terrace systems products to work with more and more innovative projects and designs. We provide service and support to specifiers, customers, and contractors throughout all stages of a project to enable you to concentrate on pushing design boundaries, choosing the right products and building a space that works.

Benefits of RAAFT

A Complete System from the Ground up

Installation Benefits

- Supplied as kit-set materials, prefabricated frames or custom
- Minimal material wastage and onsite mess
- Strong, straight, easy to level, dimensionally stable
- Less work required: less digging, fewer posts/supports, fewer cuts, no concrete pads or grouting required for pavers
- Easy to install on any surface
- Installation guides
- DIY friendly

Technical Benefits of the RAAFT System

- A range of profiles to suit all deck heights
- A comprehensive range of mix and match components
- Designed for residential and commercial projects
- Unmatched low height structural capabilities
- Compliant, low risk 'deck over waterproof membrane' solution
- A certified, engineered solution with a long span, high-load capacity
- Comprehensive commercial and residential warranty

Design Benefits of the RAAFT System

- Multi-surface integration to suit your outdoor terrace requirements
- Achieve a desirable indoor-outdoor flow with your interior floor and joinery level to your deck
- Easily create curves, stairs, seating, screening, planter boxes
- Beautiful straight lines and a quality finish that lasts

The Process is Easy

Share your plans, or we can design a solution to your requirements, to provide you with a quote it is helpful to know:

- The surface/s you would like: hardwood, composite decking, tiles, turf
- The size and shape of your deck area
- The finished height of the deck from the ground





TERRAFINA

Composite Decking

The Terrafina composite decking range offers wood polymer, non-slip composite systems for terraces of all sizes. Hugely popular with developers and landscape architects, the decking delivers a high-quality finish and elegant style that opens up the opportunities for commercial and residential spaces.

Terrafina

Composite Decking

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.

The Terrafina Decking Collection is available in six natural colors to complement all architectural styles. Please refer to actual decking samples for accurate colors and texture.

Please contact our team member to learn more about the decking options or request samples.



Storm



Sunset



Sahara



Graphite



Seasalt



Byron

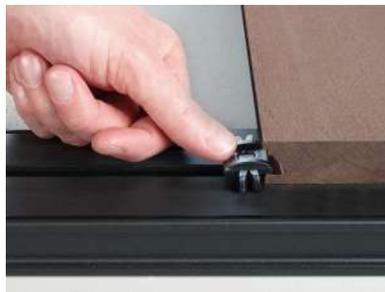
The Assembly of Terrafina Decking

Simple Assembly

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

Key Benefits:

- UV resistant
- Durable & recycled
- Capped technology
- Moisture resistant
- Stain-resistant
- Splinter-free
- Nail-free
- Minimal fade
- Hidden fasteners
- Termite & pest proof
- Easy maintenance
- Commercial warranty



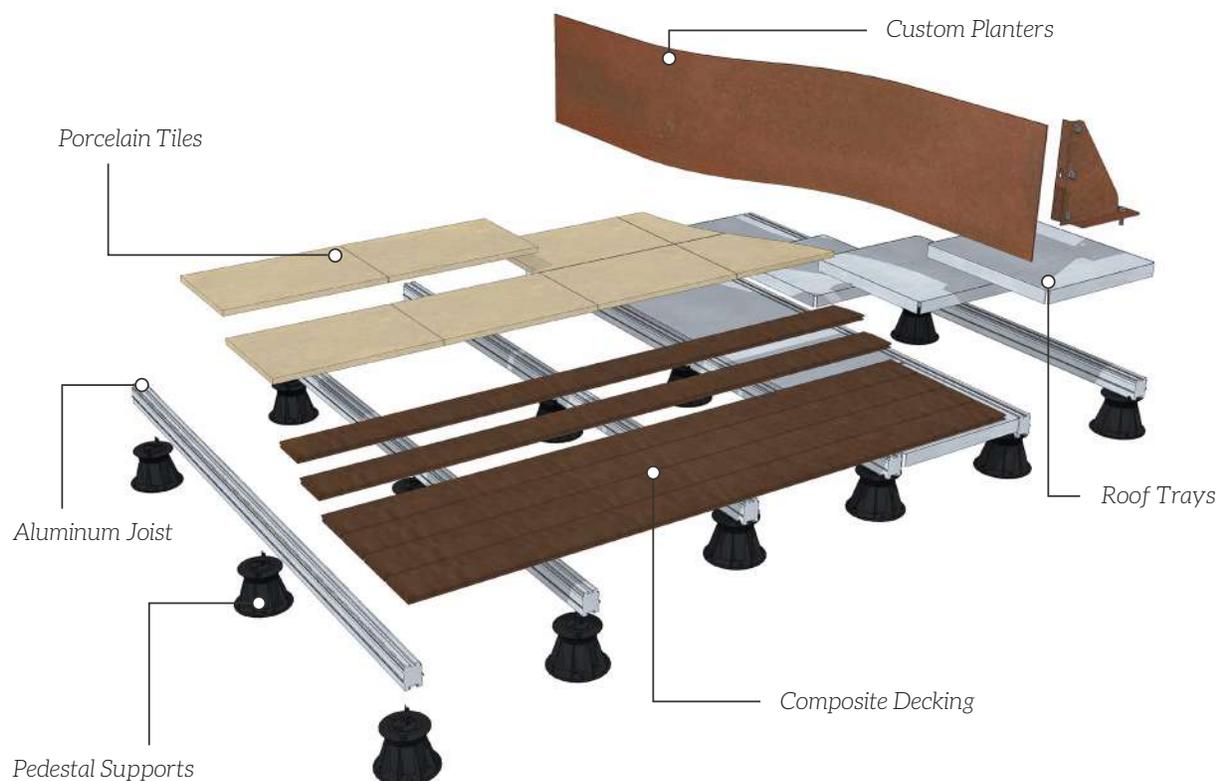
For more detailed technical information and installation instructions, please contact a member of our team.

Install Terrafina on the RAAFT System

The Turnkey Terrace

Composite decking is easy to install and compatible with both a timber frame or The RAAFT system which provides a strong, durable, stable structure to support decking, tiles and/or turf over waterproofed areas, ground, concrete slabs and existing tiles or pavers using hidden interlocking fastenings.

The versatile system comprises of a comprehensive range of patented profiles, fastening and support components and accessories. The framework is made from lightweight marine-grade, structural aluminum. Components include brackets, clips, anchors, fasteners, access and ventilation grates, and adjustable height pedestals. Installation time is significantly reduced, the profiles are value engineered with the long-span capability and minimal waste making it cost-effective.





PORCELAIN TILES

Structural Exterior Tiles

As with all Corten Studio products, our porcelain tile attributes include durability and ease of maintenance. Easily installed upon the RAAFT Terrace system, you can create indoor and outdoor spaces for people to enjoy.

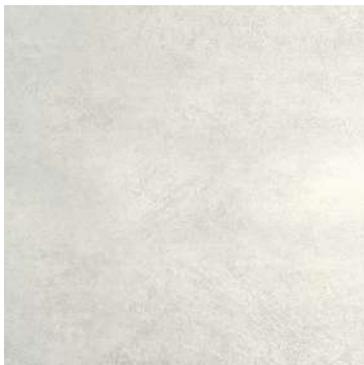
Porcelain Tiles

For a Modern Aesthetic

Manufactured using the latest technology and innovative production techniques, Corten Studio's porcelain exterior tiles have pigment through the entire width to protect against discoloring, fading, and scratches. The ideal choice for high traffic zones, the tiles are structurally engineered with excellent rigidity for high resistance to breaking load and stress. Offering high technical performance, excellent slip resistance, and tremendous durability, our tiles are a natural choice where quality is paramount. Simple to install, the 20mm thick outdoor tiles work perfectly in conjunction with the 10 mm thick matching indoor tiles helping to create a fluid transition from the indoors to your outdoor terrace. Imagine your next project. What atmosphere do you want to create? We see the outdoors as a place of endless possibilities in a world where space is at a premium. We don't just see landscape products. We see evening parties on tranquil terrace spaces with mood lighting, we see creative team meetings in outdoor spaces set among planters, and we see lively communal events upon podium constructions delineated with pathways and green space. The carefully designed and engineered porcelain tiles from Corten Studio give you the ultimate freedom to create the lifestyle you desire, without the hassle.

Key Benefits

- Bending strength
- Frost resistance
- Stain resistance
- P4 non-slip rating
- Single thickness
- Rectified
- Hidden fasteners
- Easy maintenance



Bococo



Midtown



Nolita



Broadway



Soho



Tribeca

Corten Studio Tile Installation

Installation for 20mm Thick Tiles on the Terrace System

Corten Studio tiles are mounted onto the RAAFT adjustable pedestals and aluminum joists support structure. Noggin pieces clip into place for extra strength if required. Tiles are loose-laid upon the joist system, with 3mm tile spacers holding them in place. Without the need for grouting, you are assured of excellent drainage and loose-fitting means that you can easily lift up tiles to access services below.





PLANTERS

Steel Planters & Benches

Made from steel, with a choice of standard and custom options, Corten Studio planters and bench systems are the perfect solution for modern roof terraces, podiums, public areas and private gardens

Planters

Designed by Us and Shaped by You

Creating enjoyable, practical spaces in urban areas has its challenges, but with versatile and high-quality designs, Corten Studio planters are an ideal way to define plants, trees, and green spaces. Made from steel, with a choice of standard and custom options, Corten Studio planters and bench systems are the perfect solution for modern roof terraces, podiums, public areas and private gardens. Developers and specifiers choose these lightweight commercial planters for their charming aesthetics and practical applications, as well as their speed and simplicity to install.



Boxx Collection

Pre-Formed Custom-Sized Steel Planters

The Boxx planter collection 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.

Suitable For

- Podiums and Terraces
- Public areas
- Private gardens

Advantages

- Strong and robust
- Folded top edge
- Bespoke design



Planterline Collection

Custom Design Pre-Formed Planter System

The Planterline collection is a ¼" thick steel system making it 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.

Suitable For

- Podiums and Terraces
- Public areas
- Private gardens

Advantages

- High quality panel system available in bespoke sizes
- Can be preformed to curved or straight designs
- Supplied with triangular support brackets and hidden connections



Prism Collection

Quality Custom Angled Planters

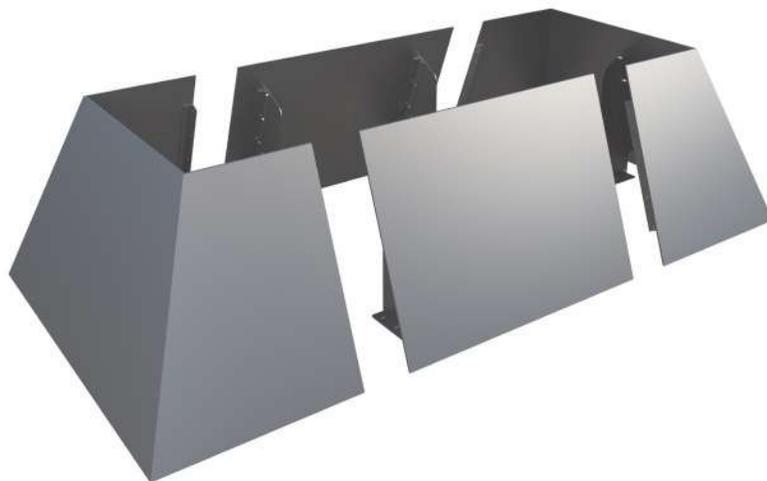
With options for planter walls to slant inwards and outwards, you can specify various angles and prism-shaped edging to delineate pathways and green spaces. You have the opportunity to create something revolutionary that will be a talking point for years to come. You choose the height and length of the design and we custom make the contained planters or retaining walls allowing new unexplored possibilities.

Suitable For

- Podiums and terraces
- Plazas and public areas
- Private gardens

Advantages

- Bespoke design options enable you to create an intense visual impact that will set your landscape apart from others
- Robust planter system combines quality with style
- Get creative - Planters can become sculptural elements to create unique landscapes



Underlighting Detail

Create Ambient Spaces

Lighting strips can be incorporated into any planter wall system and are ideal for mood lighting a roof terrace or function space. We supply all the housing which means simple installation and no mess. Lighting options include spotlights, wash lighting, recessed lighting, and top edge plant lighting.

Suitable For

- Terraces and roof terraces
- Restaurant and bar areas
- Pathways
- Shopping centers

Advantages

- Additional lighting allows you to develop inspiring landscapes
- Lighting supplied with planters for easy installation
- Optional LED placement for mood lighting or safety feature



Inset Benching

Connecting Seating and Green Spaces

Your outdoor space can achieve the desired mix of inspirational design and functionality with Corten Studio's high quality, timber benches. As well as simple installation, you can choose from various FSC accredited timber options to match and complement the whole landscape design. The different styles allow you to choose from seamlessly integrated seating or 'feature' benches. You can get creative in the space with free-flowing lines and curves. There are designs available for all landscapes from practical break out areas and busy public spaces to tranquil private gardens and ambient roof terraces.

Suitable For

- Plazas and public leisure areas
- Parks
- Schools
- Roof terraces
- Outside public spaces, e.g. at train stations and airports
- Shopping centers

Advantages

- Bespoke sizes and custom finishes to suit any space
- Curved or straight bench designs available to help you realize your vision
- Various FSC accredited timber options to complement the overall design
- Quality seating ensures the finished space is long-lasting
- Delivered pre-formed with simple bolt-together system for simple assembly on site



Finish Options

Unlimited Possibilities with Corten Studio Finishes

When we started creating custom planters 5 years ago corten steel was at the hottest it ever has been. We now have created endless design possibilities by offering not only corten, but we can create our planters from aluminum, galvanized steel, stainless steel, and even brass or copper sheet if required. Please see the below list of some of our more popular finishes we offer:

Metal Finishes



Corten



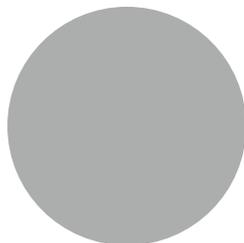
Stainless Steel



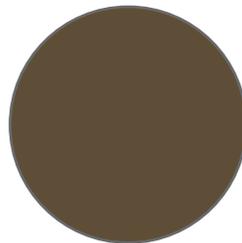
Galvanized

In addition to metal material choices, we have invested heavily to bring you over 300+ RAL powder coat finishes to choose from when designing your project's planters. Please see below a list of some of our more popular finishes we offer. If you don't see the color you are looking for, please visit www.ralcolor.net for more information or contact a member of our sales to order samples.

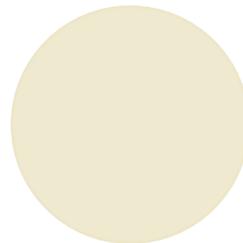
Powder Coat Finishes



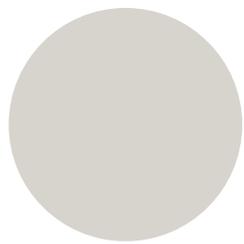
Architectural Silver



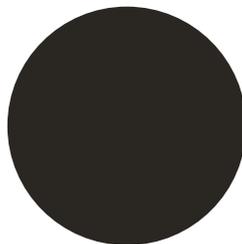
*Architectural Bronze
(Light)*



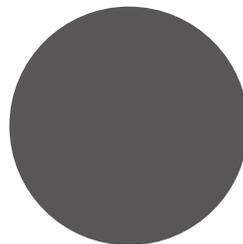
Soybean



Architectural White



*Architectural Bronze
(Dark)*



Charcoal Gray



Corten Studio Services

Design & construction drawings
Onsite & online technical support
Installation guides
Network of preferred installers

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Product Ranges

RAAFT

Deck framing system

Decking

Composite decking in six natural
matte color finishes

Exterior Tiles

Structural porcelain vitrified
tile - Compatible with the RAAFT
System

Planters

Custom steel planters designed by
us and shaped by you

www.cortenstudio.com