

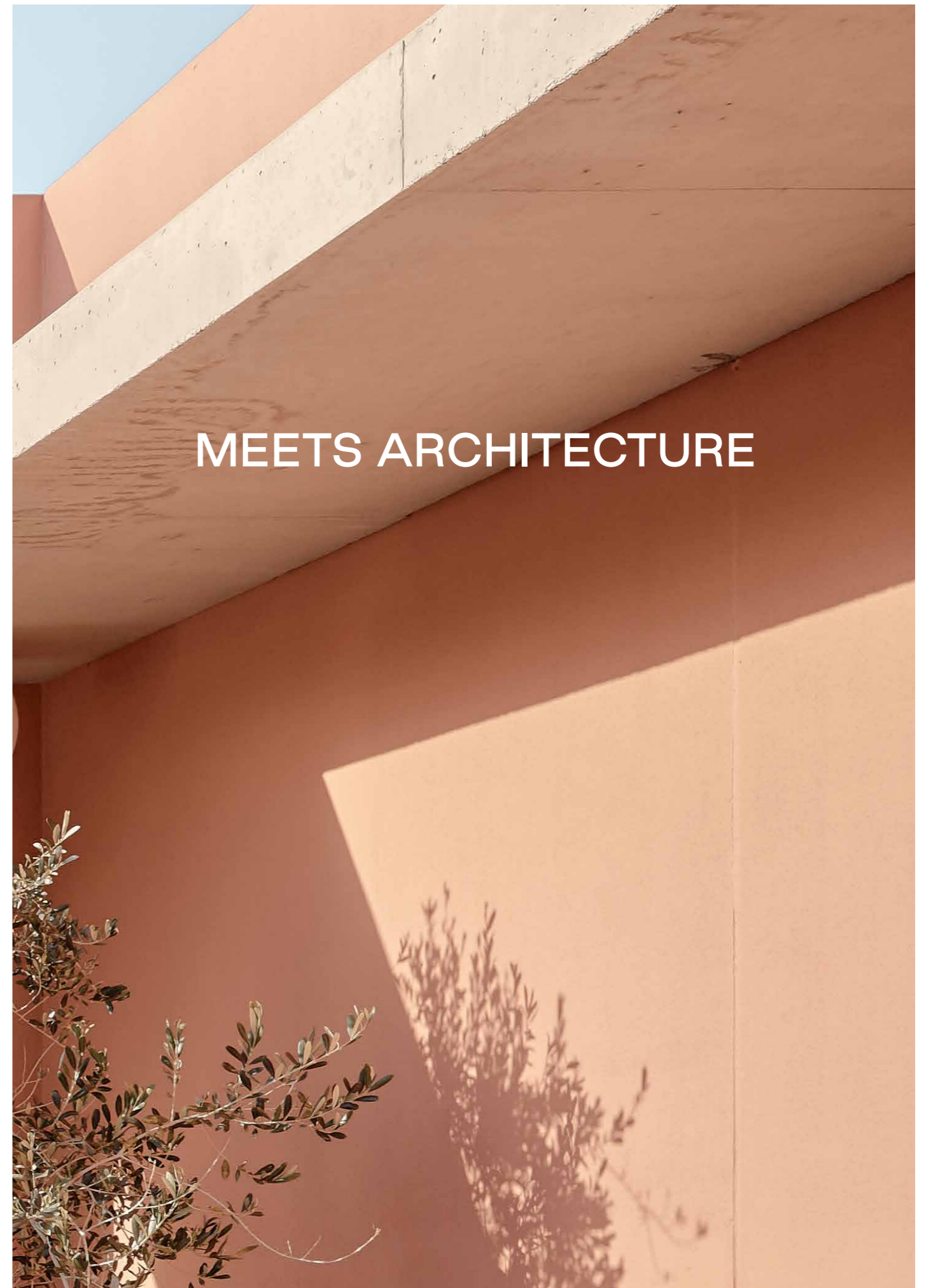
QUATRO  
DESIGN®



2023  
OPTIONS &  
ACCESSORIES

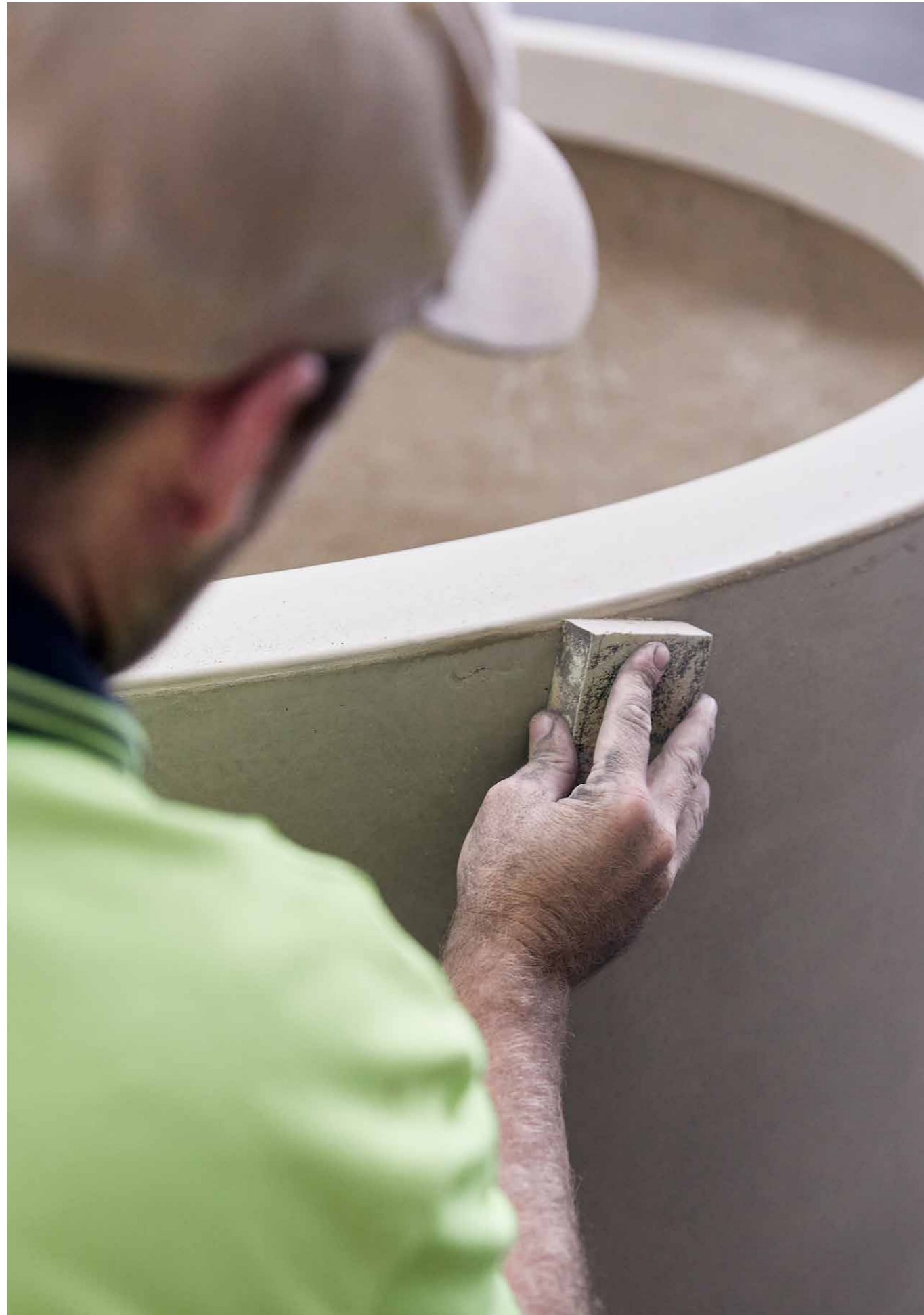


WHERE LANDSCAPE



MEETS ARCHITECTURE

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## ABOUT

We stand at the intersection of landscape and architecture, our work is founded in balance — between people and place — enhancing the Australian built environment through quality, design detail and durability that surpasses time and trends.



## AUSTRALIAN MANUFACTURING

Quatro Design is synonymous with quality. To achieve consistent high quality and durability, our products are manufactured using modern and specialized GRC equipment.

The manufacture of GRC production requires a high degree of hands-on specialized labour coupled with close attention to detail.

Many of our employees are long standing and valued members of our team who understand GRC production and what is required to deliver consistent quality. These highly valued personal skills coupled with modern specialised GRC equipment is an important part of our manufacturing philosophy.

Each piece is checked during the manufacturing process to ensure compliance with our strict standards and to ensure that our products deliver on customer expectations.

We believe in the value of hand finishing all our products, with attention to detail that has been acquired over years of manufacturing and in supporting the development of our team.



We're proud of the support that we are able to give our local community and the role that we continue to play in enhancing the Australian built environment.





## MATERIAL & STANDARD COLOURS

### GLASSFIBRE REINFORCED CONCRETE

Glassfibre Reinforced Concrete (GRC) has made a significant contribution to the technology and aesthetics of the Australian built environment due to its ability to be shaped and moulded into virtually any size or shape.

It is a mixture of cement, sand and other additives as well as alkali resistant glass fibres that are blended together during manufacturing to create strong yet lightweight products (compared to cast concrete).

Glass fibre strands are used to reinforce the concrete, which negates the need for steel reinforcing, and allows the thickness of the GRC to be reduced without compromising on strength

This also results in products with a lower environmental impact due to reduced cement usage and transport costs (approx 40% less).



### INTEGRAL CONCRETE COLOUR

During manufacturing the GRC mixture can be coloured by blending mineral oxide pigments with either grey or white cement. Our product collections are available in four standard colours: Charcoal, Concrete Grey, White and Kalgoorlie.



Left to right, Charcoal, Concrete Grey, White, and Kalgoorlie.

### NON - COMBUSTIBLE

All of Quatro Design's GRC products are certified non-combustible in accordance with CSIRO Combustibility Test AS 1530.1-1994.

# COLOURS

## INTEGRAL CONCRETE COLOUR

During manufacturing the GRC mixture can be coloured by blending mineral oxide pigments with either grey or white cement.

Our product collections are available in four standard colours:

- CHARCOAL
- CONCRETE GREY
- WHITE
- KALGOORLIE



## MINERAL OXIDE COLOURS



The GRC mixture can be tinted through the addition of coloured mineral oxides during manufacturing. These colours are available on special request and additional costs will apply, the cost varies depending on the oxide colour.

Visit the following link to view the full CCS Pigment Colour Range:  
 - **CCS Colours**



## PAINTED COLOUR



Our products can be painted in virtually any colour, including two-tone, patterned and textured paint finishes. Typically we use high quality exterior, low sheen, water-based acrylic paints to achieve your desired colour. You nominate the name and code of the paint of your choice and we'll purchase the paint and apply it to your order. Complimentary black Bitumen-based waterproofing is included.

Painted colour is available on special request and additional costs will apply. We do not recommend painting seating units without a timber deck cover.

Please note that we do not recommend painting seating units without timber tops or the use of dark mineral oxides, like charcoal, for outdoor seating. Dark surfaces can reach very high temperatures when placed in full sun.

## SPECIAL EFFECTS & FINISHES



We can use specialised paints to achieve rust, copper and aged copper effects. Bridge paint (micaceous iron oxide paint) can also be applied to our products.

Some of our collections can also be manufactured with a pitted surface, and should you need a special design moulded onto the surface of a square or rectangular planter, we can assist with patterns available on the Reckli Formliner Catalogue: **Reckli Formliner**.

These special effects and finishes are available on special request and additional costs will apply. Please contact us to discuss the suitability of your nominated specialised paint or patterned surface.



# INSERTS

## TIMBER OPTIONS



Photograph shows a Tonka hardwood seat.



We use native Australian hardwood, known as Spotted Gum, for all timber seating units (unless specified differently). Spotted Gum produces a wavy grain and its striking appearance as well as its natural durability and strength makes it a popular choice for the architecture, interiors and construction industries. Spotted Gum is an Australian Standard bushfire-rated timber and is harvested from both commercial plantations and native forests in NSW and QLD.

Our timber is PEFC certified that it is sourced from sustainably managed forests, is manufactured to comply with AS 2082-2000, is fire rated to BAL 29 and Chain of Custody as per AS 4707.

All timber is primed with Teknos Aqua Primer Oak Stain and sealed with Intergrain Universal Timber Oil (unless specified differently).

Spotted Gum can be substituted with a timber and sealant of your choice, please contact us to discuss suitability before specifying and note that additional costs will apply.

## UPHOLSTERY OPTIONS



Upholstered seating inserts can be added to our Deco, Pod, Bondi and Alfresco ranges where a timber alternative is required. Upholstered inserts allow our bench seats, circular seats and seat planters to seamlessly transition from the exterior into the interior, or provides a more comfortable yet hard-wearing seating solution to the exterior landscape.

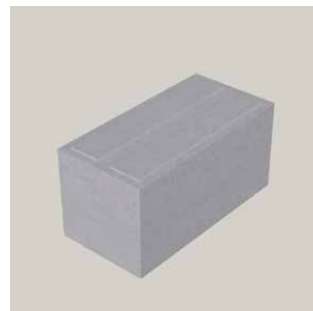
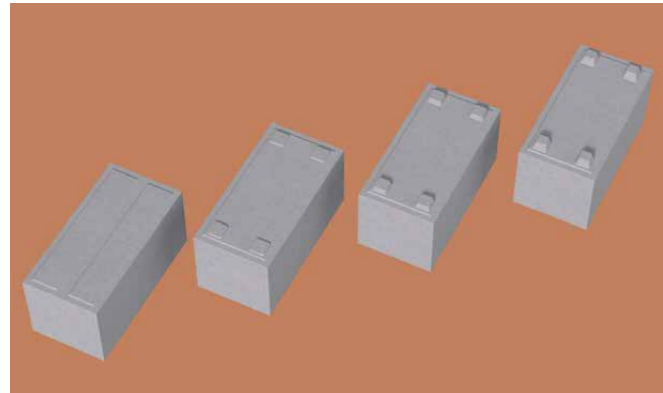
We collaborate with Comax Australia, a leading furniture designer and manufacturer to create seating templates and inserts that seamlessly attach to our GRC bases.



# OTHER OPTIONS

## PLANTER FEET,

Square and rectangular planter boxes come standard with 10 mm high strip feet. Depending on the size, planters are also available with 15, 40 or 65 mm high block feet, additional costs may apply.



10mm strip feet



15mm block feet



40mm block feet



65mm block feet

## CASTOR WHEEL & SKATE DETERRENT OPTIONS

We can also fit castor wheels onto the base of selected smaller planter boxes.

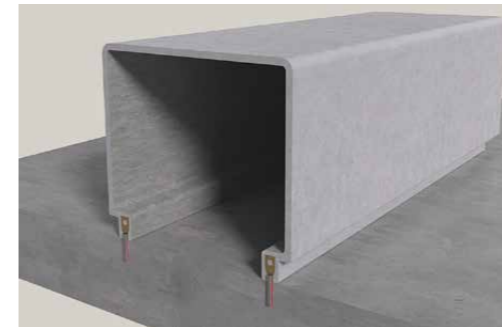
Stainless steel anti-skate studs can be installed to deter skateboarders from marking planters and street furniture products.

These options are available on request and additional costs will apply.



## FERRULES

Some of our seating ranges come with ferrules already embedded in the base for permanent fixing and installation on site. We are also able to embed ferrules in nominated products on request to facilitate transport, movement and permanent installation on site. Discuss your requirements with our sales team.



Seats with embedded ferrules:

- Pod
- Deco
- Pebble
- Flinders
- Flex
- Boulder
- Segment
- Twig
- Bikki

## CERTIFIED LIFTING LUGS

We can insert lifting lugs into our products during manufacture and can also provide engineered certification to assist with crane lifting and placement on site. Both options are available on request and we suggest discussing your requirements with our sales team.



## LED STRIP LIGHTING



We're able to insert custom block outs into the base of some of our planter and seating ranges during manufacturing to create a recess for the installation of LED strip lights on site.

## GPO, USB PORTS AND WIRELESS CHARGING



We're able to insert custom block outs into the base or sides of some of our planter and seating ranges during manufacturing to create a recess for the installation of GPO and USB ports as well as wireless charging stations on site. Discuss the size and location with our sales team.

# WATERPROOFING

All pots and planters have complimentary clear acrylic-based internal waterproofing.

Black Bitumen-based internal waterproofing membrane can be added at an additional cost. (Non-toxic and fish-safe option also available).

## DRAINAGE

### IMPORTANCE OF DRAINAGE

Drainage is the most important aspect of container gardening and is critical to plant health. It allows the water in the soil to drain freely so ample air is available for the roots.

Healthy roots mean healthier plants, a lack of adequate drainage is one of the most common causes of unhealthy and dying plants, as waterlogged soil can lead to root rot.

All our pots and planters come standard with acrylic-based internal waterproofing and with drainage holes and aids already installed. The location, size and number of drainage holes relate to the size of the pot and its soil volume.

### DRAINAGE AIDS

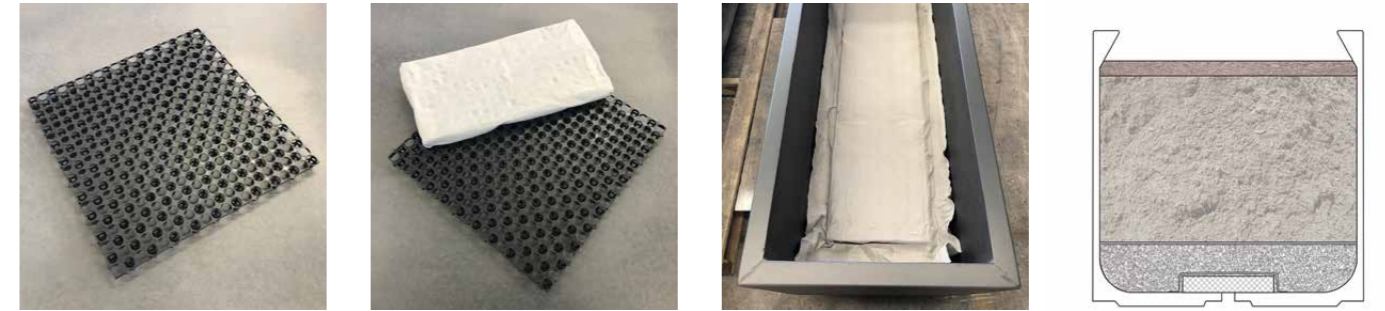
#### DRAINEZE



DrainEZE drainage hole screens are fitted to all of our smaller pots and planters and are included in the price. This device (patent pending) is a conical dome with vertical openings to enable water to pass into an air chamber above the drainage hole, this increases the area through which the water can pass compared to the drainage hole by itself. The DrainEZE drainage hole screen is covered by a thin layer of Geofabric filterwrap, and secured at the top with a press-on clip to prevent the pot drainage hole from blocking whilst still allowing water and fine particles to pass through.

Visit [quatrodesign.com.au](http://quatrodesign.com.au) for our Drainage Guide.

#### DRAINAGE CELL



VersiFlex flexible drainage cells are fitted to our large and over-sized pots and planters. These interlocking drainage cells are designed for use in planter boxes, roof gardens and retaining walls. Their open surface design and high internal void volume enable the rapid capture and transport of water volume to result in efficient drainage. The Drainage Cells are covered by a thin layer of Geofabric filterwrap to prevent the drainage hole from blocking whilst still allowing water and fine particles to pass through.

Visit [quatrodesign.com.au](http://quatrodesign.com.au) for our Drainage Guide.

#### DRAINAGE REGULATOR RISER



Drainage Regulator Risers are often installed when the amount of water draining from the base of the pot should be limited. They create an approx 60 mm high water reservoir at the base of the pot to prevent excess water from draining away. The Drainage Regulator Riser is covered by a thin layer of Geofabric filterwrap to prevent the drainage hole from blocking whilst still allowing water and fine particles to pass through.

Visit [quatrodesign.com.au](http://quatrodesign.com.au) for our Drainage Guide.



### CUSTOM DESIGN & MANUFACTURE



The creation of bespoke pieces is one of the most rewarding aspects of what we do.

We partner with you to collaboratively resolve your design vision, custom project or product concepts.

Our design team work through your drawings and specifications and can provide guidance on the parameters of mould-making and manufacturing with GRC. They can also produce two and three dimensional drawings to help you envision the final product.

The size specifications of some of our existing product ranges can also be modified to suit your project requirements.

Please contact our team to discuss your next project. You can also visit our website for inspiration and to view our completed custom projects.



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