



QUATRO
DESIGN®

2022
OPTIONS &
ACCESSORIES
GUIDE



A large, lush green palm frond is positioned on the left side of the frame, extending from the bottom left towards the center. The frond is composed of many long, thin, green leaves that are slightly curved and layered, creating a dense, textured appearance. The background is a solid, bright white, which makes the green of the palm stand out prominently.

WHERE LANDSCAPE

A white, modern, rounded object, possibly a piece of furniture or a sculpture, is placed on a light grey, textured surface. The object has a smooth, curved top and a slightly wider base. The background is a solid, warm orange wall. The lighting is soft, casting a subtle shadow of the object onto the wall behind it.

MEETS ARCHITECTURE

04	MATERIAL
06	COLOURS
08	TIMBER OPTIONS
08	FEET, CASTOR WHEELS & SKATE DETERRENTS
09	CUSTOM DESIGN & MANUFACTURE
10	WATERPROOFING
10	DRAINAGE



LOCAL 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.

AUSTRALIAN MADE

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.



GLASSFIBRE REINFORCED CONCRETE

Glassfibre Reinforced Concrete (GRC) has made a significant contribution to the technology and aesthetics of the built environment since its introduction in the 1960's. Its ability to be shaped and moulded bring creative freedom and design flexibility to architects and engineers when planning and resolving public space design.

GRC 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. 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.

- It can be coloured with mineral oxide pigments or painted to match virtually any colour.
- It is easily moulded to reproduce shapes, reliefs and patterns to compliment any design theme.
- It lends itself to bespoke design and innovation, as custom ideas can be modelled and moulded into functional public space pieces.
- The surface finish is not only smooth and aesthetically pleasing, but also strong and durable. It is also resistant to extreme weather conditions.
- GRC products are lightweight and easy to handle compared to those produced through traditional cast concrete methods.
- GRC is a thin walled product. It is environmentally friendly as it consumes far less raw materials and energy during manufacture and transport compared to cast concrete products.

NON-COMBUSTIBILITY

Do not risk installing inferior products that don't meet Australia's stringent combustibility standards. In recent years, the construction industry has undergone significant reform to eliminate the use of combustible materials in construction projects. The aim is to mitigate the risk of building fires, causing injury or loss of life.

All of Quatro Design's GRC products are certified non-combustible in accordance with CSIRO Combustibility Test AS 1530.1-1994. It is important to note that many imported construction products and materials available in Australia do not comply with these stringent testing and certification standards.

Quatro products are not only well-designed, robust and durable, but our Certificate of non-combustibility provides both the design and construction community with added peace of mind when our products are used to enhance the Australian built environment.



COLOURS

INTEGRAL CONCRETE COLOUR

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

OUR STANDARD COLOURS

Our product collections are available in four standard colours:

- CHARCOAL
- CONCRETE GREY
- WHITE
- KALGOORLIE

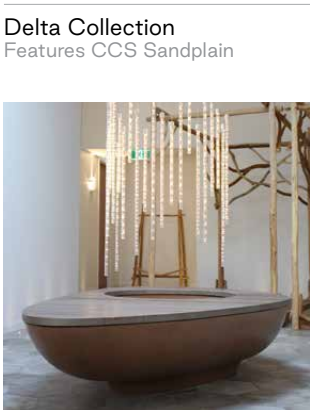


Left to right, charcoal, concrete grey, white, and kalgoorlie

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 or 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.

U Bowl Collection
Features a custom paint colour



Gem Collection
Features a custom paint colour



Delta & Fusion Collection
Features a custom painted stripe



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.

Cylinder Collection
Features an Aged Copper finish



U Bowl Collection
Features a Pitted Surface



Cube Collection
Features a Patterned Surface



OTHER OPTIONS

TIMBER OPTIONS


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 sealed with Cabot's Natural Decking 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.


Delta Collection
Features a Tonka hardwood top




Delta Collection
Features a Tonka hardwood top



Soul Collection
Features timber seating integration



Custom Seating Unit
A custom timber top and tinted sealant was specified



FEET, CASTOR WHEEL & SKATE DETERRENT OPTIONS


Square and rectangular planter boxes come standard with 10 mm high strip feet. Depending on the size, planters are also available with 25, 50 or 75 mm high block feet.

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.

Feet, castor wheel and skate deterrent options are available on request and additional costs will apply.

Modular Trough Series
Features 75 mm high feet



Planter Boxes
Features castor wheels





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.


Custom Planter & Table Unit
Watergardens Town Centre




Custom Seating Unit
Watergardens Town Centre



Custom Seat Planter
Westfield Carindale



Custom Seat Planter
Westfield Chermerside



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

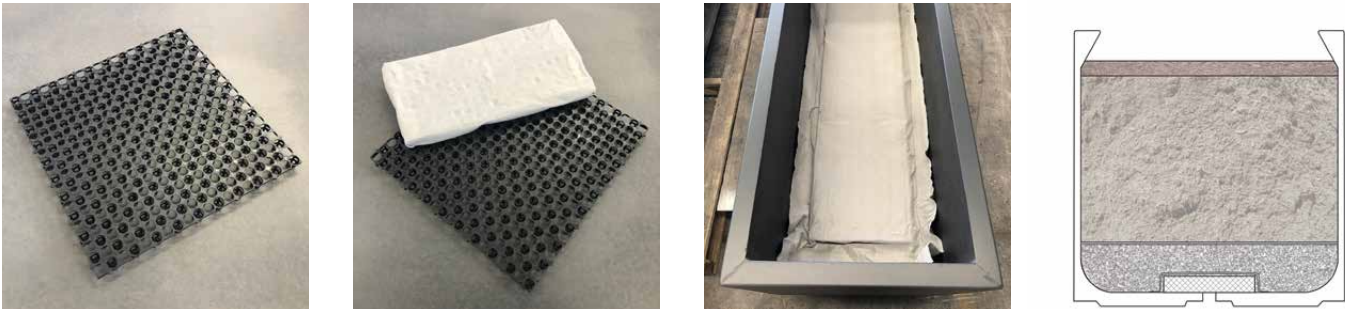
DRAINEZE



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 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 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 for our Drainage Guide.

©2022 Quatro Design Pty Ltd. All rights reserved.

This document, including all of its contents, photographs, diagrams, drawings or representations contained, is the exclusive property of Quatro Design Pty Ltd. All information contained in this document is sensitive confidential information of Quatro Design Pty Ltd, and may also represent confidential and legally protected and enforceable industrial or intellectual property of Quatro Design Pty Ltd. No part of this document, including any photographs, diagrams, drawings or representations, may be reproduced, republished or otherwise disclosed or distributed without prior written consent of Quatro Design Pty Ltd. Document Reference: OAG01/2022



WHERE LANDSCAPE MEETS ARCHITECTURE®

QUATRODESIGN.COM.AU