



QUATRO
DESIGN®



CAPABILITY
STATEMENT





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.

Since its establishment in 2004 Quatro Design has grown into the leading Australian manufacturer of Glassfibre Reinforced Concrete (GRC) products aimed specifically at the Architecture, Interiors and Landscape related industries.

Our modern factory is based in Murwillumbah, NSW, where we manufacture bowls, pots, planters, planter boxes and street furniture seating solutions for Australia wide distribution.

Quatro Design's reputation has been built on our commitment to quality and attention to detail, coupled with our customer support from initial enquiry through to delivery.

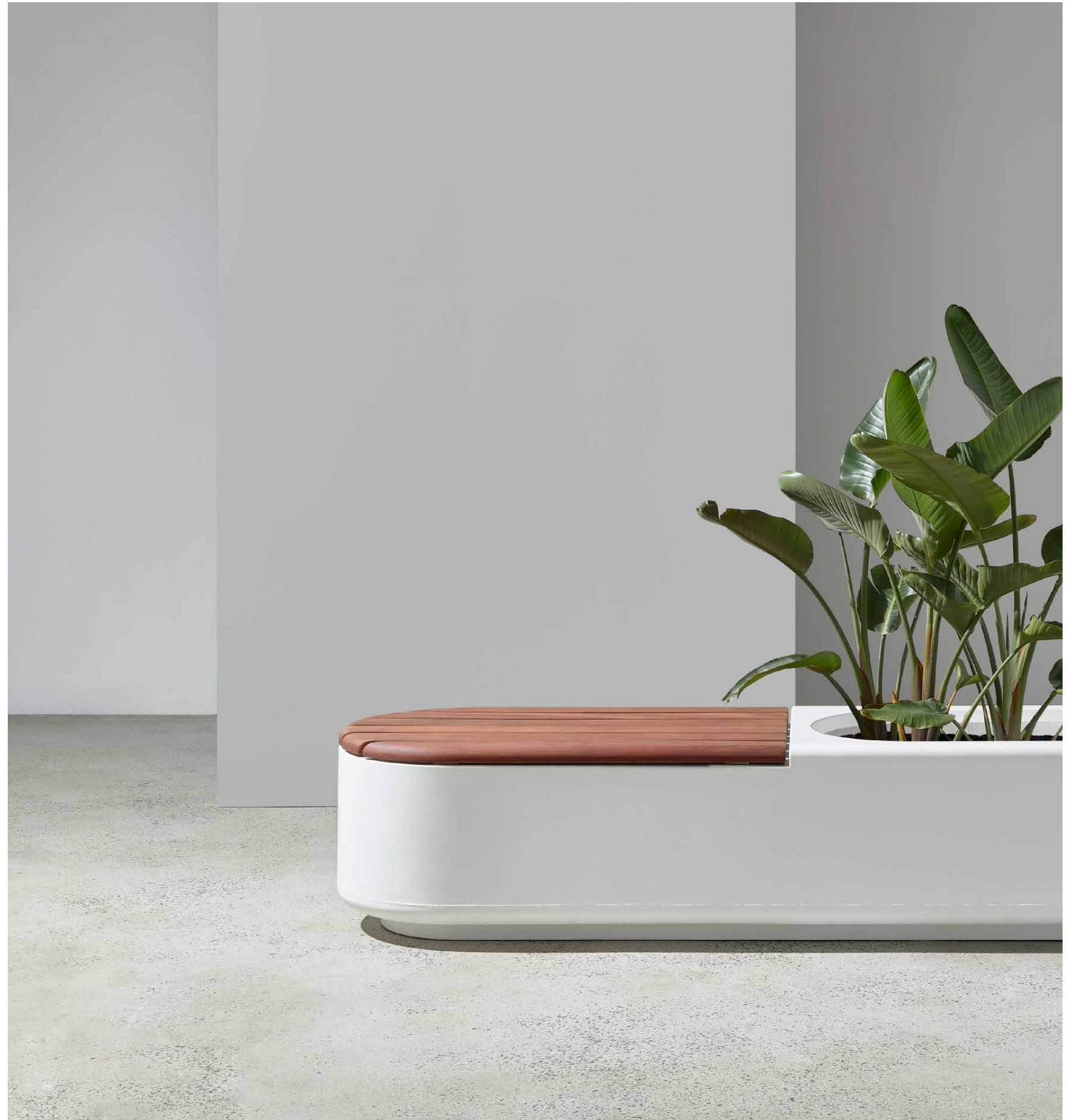
OUR DESIGN PHILOSOPHY

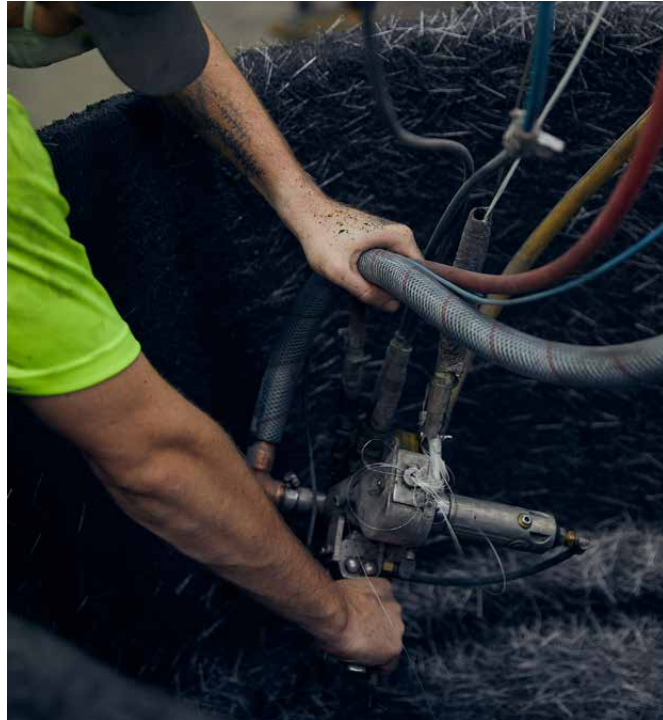
Our design philosophy has always been guided by the celebration of basic shapes and forms ensuring that every product range will compliment rather than compete with the surrounding landscape. This philosophy has allowed us to create truly timeless landscape product ranges.

We work with leading architecture, landscape architecture and design firms to provide solutions for their projects. Additionally we work collaboratively with some of Australia's best design talent in our industry to design some of our own product ranges.

OUR CAPABILITY

- All our products are Australian-made.
- Our material is NOT deemed combustible according to the CSIRO Combustibility Test in accordance with AS 1530.1-1994.
- Enduring contemporary product design and extensive standard product ranges.
- Outstanding commitment to quality and design.
- Robust and durable GRC products.
- Suited to both indoor and outdoor applications.
- Light-weight and easy to handle compared to traditional pre-cast products.
- All products are made locally to order with short lead-times.
- Australia-wide delivery of all products to meet project deadlines.
- Custom design and manufacturing services.
- Environmentally friendly manufacturing practices.





GLASSFIBRE REINFORCED CONCRETE

Glassfibre Reinforced Concrete (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 concrete products. Glass fibre strands are used to reinforce the concrete, this negates the need for steel reinforcing which allows the wall thickness of the products to be reduced without compromising on strength. This reduction in weight results in an approximately 40% lower environmental impact compared to pre-cast concrete products.

WHERE MANUFACTURING MEETS ENVIRONMENT

OUR COMMITMENT TO SUSTAINABILITY

One of our strategic goals has always been to reduce any adverse impacts on the environment and over the years we've introduced a number of initiatives to reach this goal:

- GRC has a lower environmental impact than cast concrete (approx. 40% less) due to its reduced cement usage and transport costs.
- We designed and built our own water-recycling system which recycles all factory wash down water. The recycled water is stored in tanks for re-use in the daily factory wash-down.
- We have installed 144 x 250 watt solar panels on our factory roof. This equates to an approximate 60% reduction in power accessed from the grid.
- All 400-watt metal halide high bay lights in our factory has been replaced with energy efficient 150-watt LED high bay lights.
- All fluorescent lights in our office has been replaced with LED lights.
- Translucent sheeting was installed along our east-facing factory wall and older roof sky lights have been replaced with new polymer sheeting to increase natural lighting inside our factory.
- We use timber that carries FSC100% certification.
- We recycle all cardboard and paper packaging.
- We have also participated in a waste audit by Bin Trim Assessor as part of the New South Wales Environment Protection Agency (EPA) program.



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.



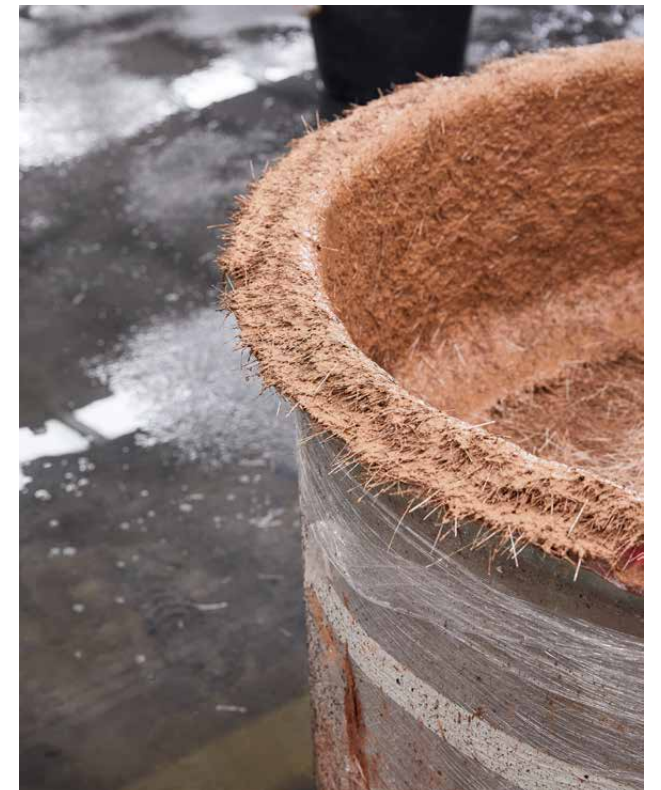
STANDARDS

Quatro Design confirms that all the materials used in the manufacture of its GRC (Glassfibre Reinforced Concrete) products conform to the relevant Australian Standards, specifically these Australian Standards apply to:

- AS 3972:2010 General Purpose and Blended Cements
- AS 2758.1:2014 Aggregates and rock for engineering purposes-Concrete aggregates
- AS 1141:1999 Methods for Sampling and Testing Aggregates
- AS 1478.1:2000 Chemical admixtures for concrete, mortar and grout

Mineral oxides in Quatro Design products are manufactured by Concrete Colour Systems (CCS). Its UV resistant mineral oxide pigments comply with ASTM C979-1999 Pigments for Integral Colouration of Concrete and Mortars, British / European Standard BS EN 12878-1999 Pigments for Portland Cements and Portland Cement Products and Australian Standard Colour Pigments for Use with Portland Cement ASK54-1935.

Additionally, where materials are not referenced to an Australian Standard, Quatro Design uses products (e.g. alkali-resistant glass fibres) that conform to A Recommended Practice 'Design, Manufacture and Installation of Glass Reinforced Concrete (GRC)' published by the National Precast Concrete Association of Australia (NPCAA).





OUR CLIENTS

Some of our long-standing clients include:

DEVELOPMENT & CONSTRUCTION

- ADCO
- AMP Capital
- Buildcorp
- Built Pty Ltd
- Cavcorp
- Delta Group
- Fresh Landscapes
- Hamilton Marino
- Harris HMC
- Hutchinson Builders
- Lendlease
- Living Landscapes
- Mainbrace
- MPA Projects
- Multiplex
- QIC Ltd
- Regal Innovations
- Richard Crookes
- Schiavello
- Westfield Group

ARCHITECTURE & DESIGN

- Arcadia
- Aspect Studios
- Architectus
- Buchan Group
- Cox Architecture
- Cusp
- Form Landscape Architecture
- Ground Ink
- Hassel
- Lat Studios
- Oculus
- Oxigen
- Paul Bangay
- Redbox Design Group
- Site Image
- Street + Garden
- Taylor Brammer
- Ubris
- Woods Bagot

We also work closely with Councils and Government Departments to provide Australian Made design and manufacturing solutions for the public domain.

CONTACT US

Contact us for any sales or custom design and manufacturing queries

- 02 6672 1190
- sales@quatrodesign.com.au

©2023 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: CS01/2023



WHERE LANDSCAPE MEETS ARCHITECTURE®

QUATRODESIGN.COM.AU