



QUANTUM
TIMBER FINISHES



Project Specification Guide

Quantum Timber Finishes provide sustainable solutions for protecting and beautifying timber assets. A commitment to product quality and environmental sustainability is what sets Quantum Timber Finishes apart.

Why Choose Quantum?

Welcome to the beginning of your journey with Quantum Timber Finishes.

The Quantum product range has a focus on environmentally sustainable, environmentally friendly, Bio Based timber conditioners and finishes. Quantum Timber Finishes (QTF) is 100% Australian owned and made. With over 25 years' experience in product innovation, development and a clear understanding of the Australian climate - our products are designed specifically to protect and enhance timber substrates from Australia's harsh weather conditions.

Quantum enrich the beauty and comfort of domestic and commercial spaces, as well as enhancing street appeal in private and public locations. Our range helps professionals optimise their aesthetic and design choices, making the job easier from conception to completion. With a proven track record in quality, Quantum delivers buildings, dwellings and spaces that are functional, beautiful and sustainable.

A commitment to product quality and environmental sustainability is what sets Quantum Timber Finishes apart.

Penetrating Oils

Unlike surface coatings, most of Quantum's products work by penetrating the timber to bind the wood fibres together creating a protective barrier against moisture, preventing peeling, cracking, warping or splintering.

Bio Based Products

Formulated with vegetable derived resinated oils rather than a petrochemical base. These oils are biodegradable, non-toxic and derived from renewable resources that produce significantly less greenhouse gases than petrochemical products.

Water Wash Up

Quantum products are made from oil based resins emulsified in water. As water acts as the carrier "solvent", it means that these oil based products can also be cleaned up in water – no need for solvents!

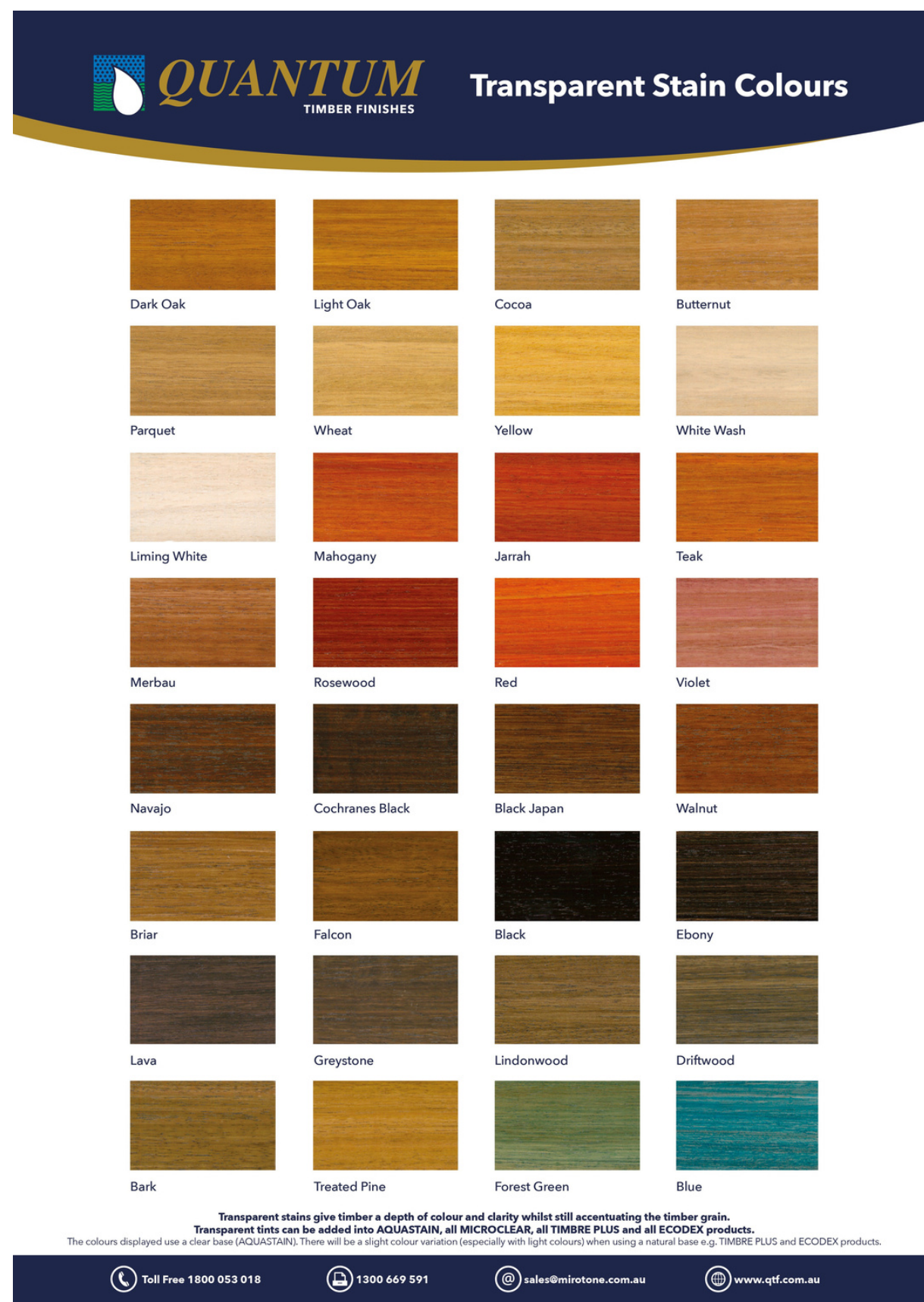
Low VOC

Green Star compliant low VOC products. As members of the Green Building Council of Australia (GBCA) and the only approved timber finishes company aligned with Greener Spaces Better Places, Quantum is proud to be part of helping to improve the environmental efficiencies in new buildings.



Colour Range - Largest colour range in the market

Quantum has the largest colour range in the wood care market. With the choice of 32 transparent stains and 40 opaque solid colours that don't conceal the grain of the wood, Quantum gives you the freedom to create the look you want. Specialised colour matching services available. Sample available on request.



Visit www.qtf.co.nz to download a copy of the Stain Colour Charts.

Customer Support

Customer and technical representatives are available throughout Australia and New Zealand (ANZ). Our experienced consultants provide you with in depth product knowledge, application information and technical expertise via - email, phone, face-to-face (on-site) or video conferencing. Quantum Timber Finishes have offices located in NSW, VIC, QLD and New Zealand major capitals.

Access Information with Ease

Our website allows you to easily navigate throughout our web pages to find the information you are searching for. To meet the needs of architects, designers, builders, consumers and applicators, we provide easy to follow datasheets, safety datasheets, VOC certificates, dry & slip certificates (if applicable), technical bulletins, brochures, FAQ's, colour charts and sample services.

Still can't find what you are looking for? Easily contact our customer service department via our online form, email orders@mirotone.co.nz or phone 0800 346 474. Our customer service are happy to assist your needs.

Trusted Partner

In today's challenging and overpopulated finishing market, it is more important than ever to select strategic partners that provide quality, stability, support and confidence. Quantum is customer focused and dedicated to providing solutions to ensure quality products and services alike. Unlike large corporations, Quantum is small enough to provide tailored solutions and large enough to meet large scale demand.

Quality Assurance & Innovation

A cornerstone of Quantum's success is our continuing commitment to ongoing research and development (R&D). All products developed by Quantum Timber Finishes undergo stringent testing to Australian and international standards. We are continually striving to innovate and improve our product offerings.



TESTIMONIALS

Jill - Mondian Homes

Not only the product but the service has impressed us, along with the diversity of the right product for the job. We have been using Quantum for many years and we know the advice is sound and the longevity of the product is not exaggerated.

Peter - McIntyre Architects

Specifying Quantum's AQUAOIL on projects since 1994. These projects range from Alpine to Bayside including my own residence. We, as a high profile architectural company have been very satisfied with the quality and the life we can expect from Quantum's AQUAOIL.

Rodney - Rodney Mcniece Painting

Being able to access product and technical information when needed is one of Quantum's great services. Prompt, friendly service and fabulous products mean I will be using Quantum (as I have for several years now) for many more years to come.

Our Products

The product range includes: Preparation, Interior Timber, Exterior and Decking.



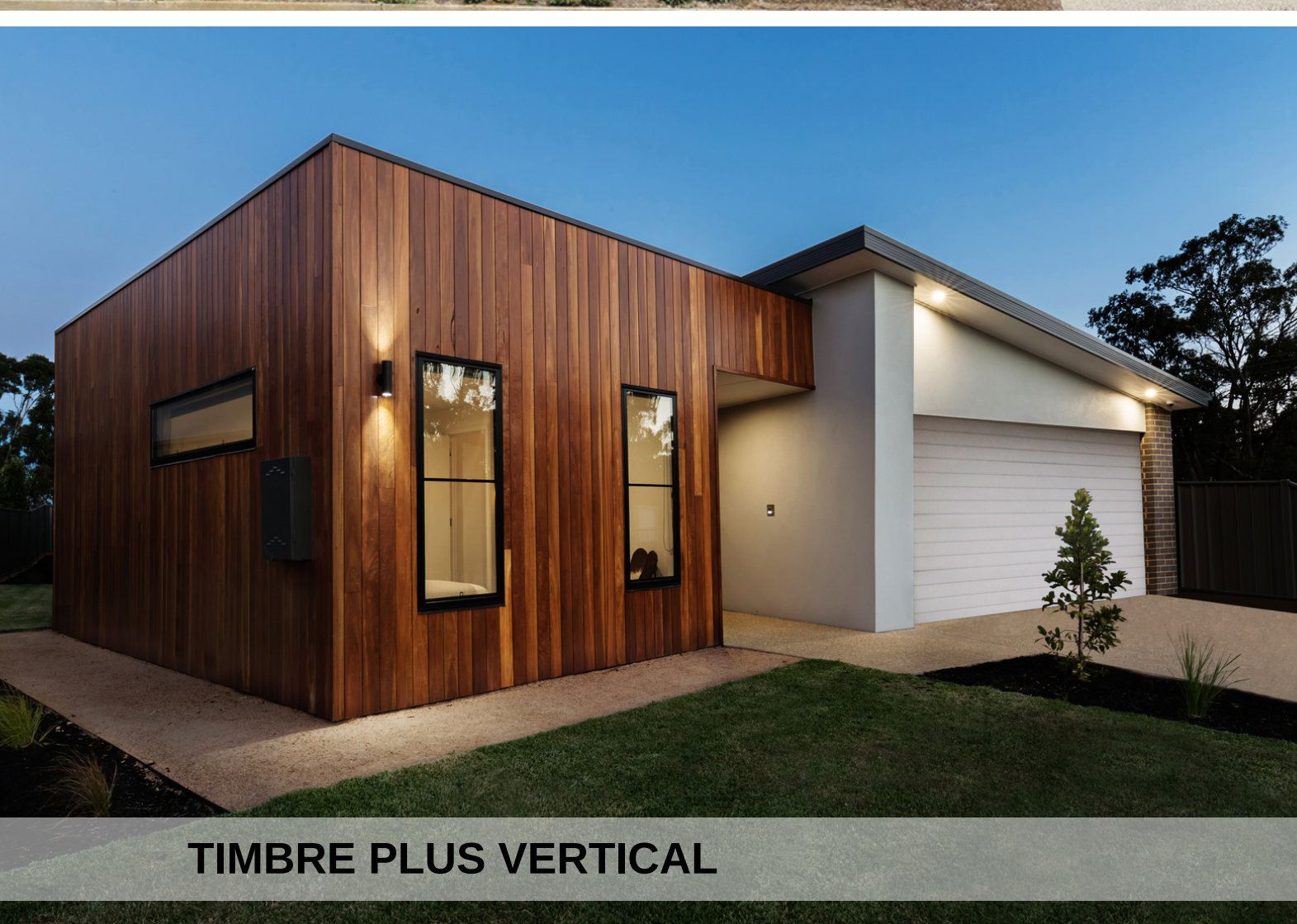
TIMBRE PLUS DECKING



AQUAOIL



MICROCLEAR



TIMBRE PLUS VERTICAL



AQUASTAIN

Our Products

The product range includes: Preparation, Interior Timber, Exterior and Decking.

PREPARATION

Quantum's complete range of cleaning and preparation products are easy to use and designed to remove the toughest sap, chemicals, old and weathered finishes and sealers to ensure your timber surfaces are ready for application.

SAP STRIP: A biodegradable, non toxic timber cleaner for removing tannins and extractives from all new timber.

DEX PREP: A timber brightener that cleans and brightens weathered and grey timber and assists in opening the timber grain to allow penetration of the coating.

POWER CLEAN: Ideal for removing oil treatments, sealers and weathered oil based finishes from external timber surfaces.

Q-STRIP: A biodegradable paint remover designed to remove old and/or weathered coatings from sound exterior timber surfaces.



INTERIOR

Quantum Interior Finishes compliment all interior timber, are low odour, low allergenic and fast drying. Use as a clear finish, tint in store or add colour by using AQUASTAIN or a transparent tinter.

AQUASTAIN: A transparent interior wiping stain for brush or cloth application. Topcoat with MICROCLEAR or MICROFLOOR. Use on interior timber that has not been previously painted with a solid paint.

MICROCLEAR: A single pack, clear, water based urethane coating for interior and sheltered exterior soft and hard wood timber. Applications include furniture, doors & windows, cupboards, storage units, skirting boards, architraves & sheltered eaves and feature walls.



Our Products

The product range includes: Preparation, Interior Timber, Exterior and Decking.

EXTERIOR

Quantum has a complete range of exterior timber finishes, exterior timber stains and exterior timber paint products that are easy to apply, low odour, low VOC and available in a wide range of colours to suit any exterior environment, project and surface. Colour options include Natural (clear), Transparent Stains or Opaque Solid Colours (timber paint).

MICROCLEAR: A single pack, clear, water based urethane coating for interior and sheltered exterior soft and hard wood timber.

TIMBRE PLUS VERTICAL: A unique, water reducible, oil based coating that has outstanding UV resistance and surface toughness. May be tinted to one of Quantum's Transparent Stain Colours. Suitable for doors and windows, weatherboards, cladding, garage doors, feature walls and outdoor furniture.

AQUAOIL: An exterior, penetrating, solid opaque stain that changes the colour of the surface without concealing the surface texture. The penetrating oil binds the wood fibres together to protect the timber from moisture.

Suitable for houses, pergolas, fences and outdoor furniture where a long life solid opaque stain finish is required.

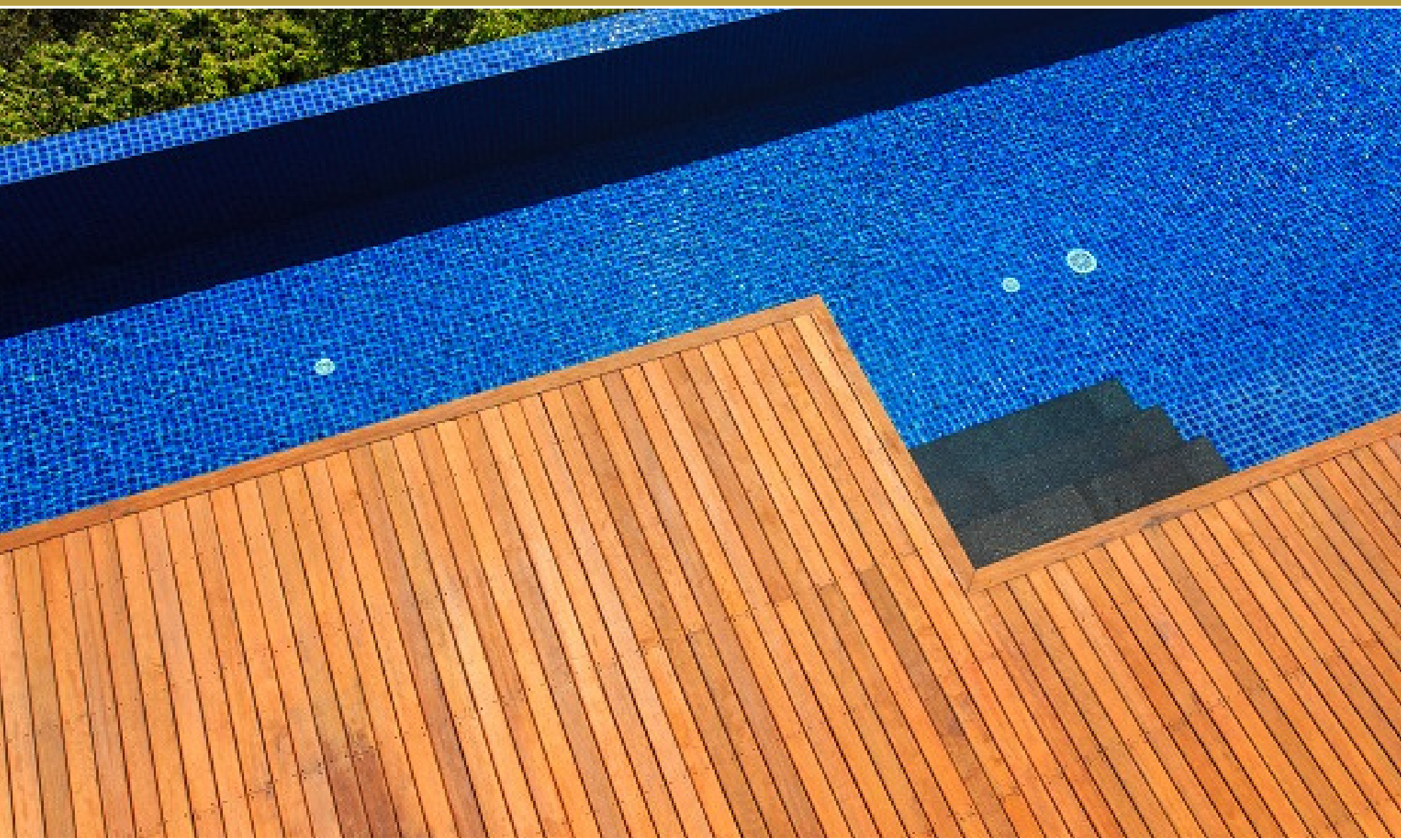


DECKING

Protect your investment with Quantum's complete range of residential and commercial timber deck finishes. Quantum's unique range of timber deck finishes will defend your deck against the elements from mild to extreme, leaving your deck looking newer for longer with minimal maintenance.

TIMBRE PLUS DECKING: A premium, water reducible, solvent free, oil based coating. Hard wearing with outstanding adhesion and toughness as well as slip and UV resistance. Can be tinted to Quantum's transparent stain colours. Achieve a P4 Classification rating when mixed with SLIP RESIST 50. Suitable for exterior decking and walkways.





Product	Pack Size	Thinning	Dry Time @22°C	No. Coats	Application	Coverage (m² per litre)	Clean Up
SAP - STRIP	300g or 900g (powder)	5L of water per 300g		1	Scrub	300g diluted horizontal 25m² vertical 50m²	
DEX PREP	1L, 4L, 10L	10-20%	Do NOT allow to dry while using	1 or 2 Refer to D/Sheet	Scrub	6-8m²	Water
POWER CLEAN	4L, 10L	No thinning			Scrub	10m²	
Q - STRIP	1L, 4L, 10L	No thinning			Roll or brush	2.5m²	



Tinted to

Product	Gloss Level	Green Building Council	VOC Content	Transparent Stain*	Solid Opaque Stain*	Advantages	Pack Size	Thinning	Dry Time @22°C	No. Coats	Application	Coverage (m² per litre)	Clean Up
AQUASTAIN	N/A	Yes	<45 g/L	✓	✗	Wide range of colours	500ml, 1L, 4L, 10L	No Thinning	1-2 hours	1 coat (if darker shade is required apply 2nd coat)	Cloth or Brush	12m²	
MICROCLEAR	Matt, Satin, Gloss	Yes	<46 g/L	✓	✓	Fast dry - multiple coats per day	500ml, 1L, 4L, 10L	Up to 5% with water	Touch dry 30 min Recoat 1 hour	Interior 1-3 Exterior 3	Brush, Spray or roll	10-16m²	Water

* Complies with the Green Building Council Australia: Green Star – Office Design v3 & Office As Built, Table IEQ-13.1 Maximum TVOC Content Limits for Paints, Varnishes and Protective Coatings.

* Refer to Transparent and Opaque colour boards for colour choice. Online and printed colour charts may vary in colour.

Tinted to

	Green Building Council	VOC Content	Transparent Stain*	Solid Opaque Stain*	Advantages	Pack Size	Thinning	Dry Time @22°C	No. Coats	Application	Coverage (m² per litre)	Clean Up
	Yes	<38 g/L	✓	✗	Tough, slip & UV resistance	1L, 4L, 10L, 20L	No thinning	3-4 hours Recoat 6 hour	Minimum 3	Brush, Roll, Spray or Dip	9m²	Water

* Complies with the Green Building Council Australia: Green Star – Office Design v3 & Office As Built, Table IEQ-13.1 Maximum TVOC Content Limits for Paints, Varnishes and Protective Coatings.

* Refer to Transparent and Opaque colour boards for colour choice. Online and printed colour charts may vary in colour.

Product	Gloss Level	Green Building Council	VOC Content	Transparent Stain*	Solid Opaque Stain*	Advantages	Pack Size	Thinning	Dry Time @25°C	No. Coats	Application	Coverage (m² per litre)	Clean Up
TIMBRE PLUS VERTICAL	Low	Yes	< 33g/L	✓	✗	UV resistant & toughness	1L, 4L, 10L, 20L	No	2-4 hours Recoat 4 hours	3	Brush, Spray or Roll	9m²	Water
AQUAOIL	Sheen	Yes	<19 g/L	✗	✓	Binds wood fibres together	500ml, 1L, 4L, 10L, 20L	Thinning	6-8 hours Recoat 12 hours	2		Old Timber up to 2m² New Timber up to 7m²	



Product Specifications

Quantum Timber Finishes, a division of the Mirotone group, specialises in bio based timber conditioners and finishes. Over 20 years of dedication to ecologically sustainable products has resulted in a wood care product range that is formulated from vegetable derived resonated oils, sourced entirely from renewable resources (not a petrochemical base). The range has minimal VOC's which makes the products safer for both users and the environment. Environmentally Sustainable, Environmentally Responsible.



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