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Quantum Timber Finishes

The quantum product range has a focus on environmentally sustainable, environmentally responsible, Bio Based timber conditioners and finishes. Our extensive product range is available in the largest colour selection in wood care. This ensures we have the right product for your timber coating project!

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

Connect with us. # qtf.com.au



About Us

Quantum Timber Finishes is dedicated to supplying ecologically sustainable, bio based timber conditioners and finishes.

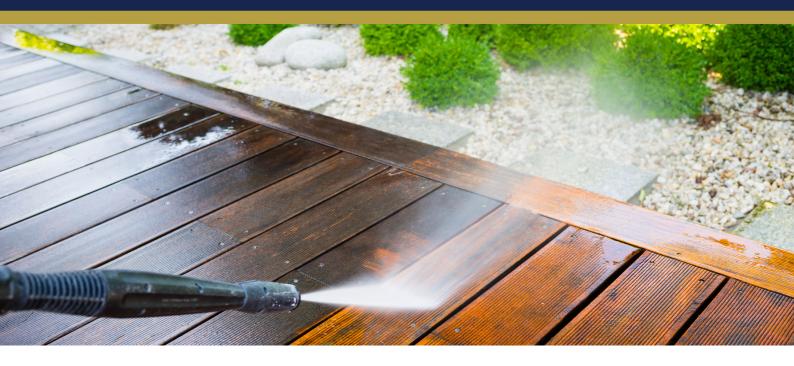
At Quantum we dedicate ourselves to ecologically sustainable products. Our products are formulated from vegetable derived resinated oils sourced entirely from renewable resources.

Our finishes have a low VOC content and reactive nature which has proved to be of benefit both to the environment and those who suffer from paint allergies.

From architects to professional tradesmen right through to the home handy man, our interior and exterior timber finishes and timber oil finishes are easy to apply and designed for the Australian conditions.



Preparation



SAP STRIP (4915)

A biodegradable, non toxic timber cleaner for removing tannins and extractives from ALL NEW TIMBER. Use on all timbers under 12 months old where full weathering hasn't occurred.

- · Biodegradable (safe to use around plants)
- · Removes tannins and extractives
- · Removes mill glaze to allow penetration of the coating
- · Do not have to wait for timber to weather before applying coatings





DEX PREP (4930)

A timber brightener that cleans and brightens weathered and grey timber and assists in opening the timber grain to allow penetration of the coating. Oxalic acid based. Exposed timber over 12 months old.

- · Highly concentrated
- · When used neatly will kill mould spores







Take a look at how easy it is to Timber Finishes ANZ

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		Scrub	6-8m²	Water
POWER CLEAN	4L, 10L	No thinning	to dry while using	1 or 2 Refer to D/Sheet	Scrub	10m²	vvalei
Q - STRIP	1L, 4L, 10L	No thinning			Roll or brush	2.5m²	



SCAN ME

POWER CLEAN (4910)

Removes old and weathered oil based finishes, stains, treatments and sealers from timber. Apply undiluted POWER CLEAN to a wet surface using a garden spray, brush or roller (no thinning is required).

- Coating will lift as little as 10 minutes
- Apply on any exterior timber surface

Q-STRIP (4925)

A biodegradable paint remover. Apply on old and previously coated timber surfaces.

- No strong caustic chemicals
- Removes coating without adversely affecting the underlying timber
- Will remove most conventional coatings





Adequate preparation of exterior timber surfaces prior to coating will greatly enhance the longevity of the coating and ensure less maintenance is required in the future. For best results it is important to choose the right timber deck cleaner. This will prevent early adhesion failure and drying issues due to contamination from tannins and extractives naturally found in the timber.



Stain Charts

Quantum has the largest colour range available in the wood care market with the added ability to colour match.

With the choice of 32 standard transparent stains and 40 standard opaque solid colours that do not conceal the grain of the wood, Quantum gives you the freedom to create the look you want for all your interior and exterior projects.

Transparent stain finishes offer the timber a depth and clarity that cannot be derived from any other finish. Transparent tints (stain) can be added to clear finishes to provide colour whilst still allowing the grain to show through.

Transparent finishes allow the underlying timber grain to be highlighted as part of the finished appearance. Transparent stain colours can be added into AQUASTAIN, MICROCLEAR, and TIMBRE PLUS products.

Quantum's opaque solid colours come in a wide range of colours that offer further UV protection to the timber without concealing the texture of the wood grain, resulting in a natural timber finish.



Transparent stains give finher a pepp of colour and drinky whilst all accentuating the finher grant Transparent first can be added in the AQUASTAN, II MICROCLEAR, all TIMBRE PLIS and all ECODEX products. syved use a dear base (AQUASTAN). There will be a slight colour variation (especially with light colour) when using a natural base e.g. TIMBRE PLUS and ECODEX products.



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Www.qtf.com.

Visit www.qtf.com.au to download a copy of the Stain Colour Charts.

Opaque solid colours can be added to MICROCLEAR and AQUAOIL

surface will need to withstand general wear and you require for your chosen project. The choice of timber stain or paint colour is crucial as the important to consider the type of timber finish When choosing a colour for your project it is tear and environmental factors. It is also important to consider the type of timber may vary with different timber species, texture, used for the project. Final colour appearance size and shape of the area. Need more information about our colour range? Contact Quantum.

Free Call: 1300 132 202

Email: marketing@mirotone.com.au







Visit www.qtf.com.au to download a copy of the Stain Colour Charts. (C) Toll Free 1800 053 018

Interior Timber



AQUASTAIN (4300)

A transparent wiping stain for brush or cloth application. Tinted with transparent stain range. Suitable to stain all interior timber. Topcoat with MICROCLEAR & MICROFLOOR.

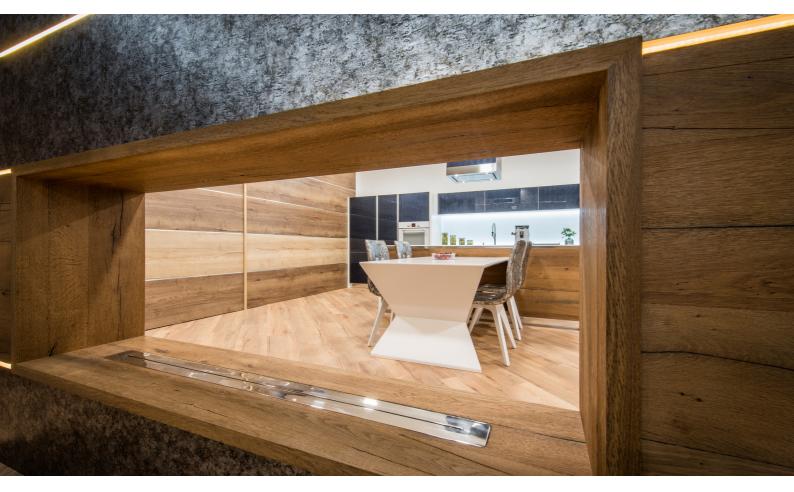
- · Suitable to stain all interior timber
- Available in a wide range of Transparent tint colours
- Overcoat with MICROCLEAR or MICROFLOOR





Bio Based Products

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



MICROCLEAR (4350)

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.

- Environmentally responsible made from bio based, ecologically sustainable products
- Non-toxic, low odour, low yellowing added UV stabilisers
- Fast drying with only one hour recoat time, apply multiple coats in a day
- Smooth flow, self levelling finish
- May be tinted with Quantum transparent or solid opaque stains to provide extra life due to added UV protection





Low VOC

Quantum has a large range of Green Star compliant low VOC products. As members of the Green Building Council of Australia (GBCA), Quantum is proud to be part of helping to improve the environmental efficiencies in new buildings.



			Tint	ed to		
Product	Gloss Level	Green Building Council	VOC Content	Transparent Stain*	Solid Opaque Stain*	Advantages
AQUASTAIN	N/A	Yes	<45 g/L	✓	×	Wide range of colours
MICROCLEAR	Matt, Satin, Gloss	Yes	<46 g/L	✓	√	Fast dry - multiple coats per day

- * 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.









Pack Size	Thinning	Dry Time @22°C	No. Coats	Application	Coverage (m² per litre)	Clean Up
500ml, 1L, 4L, 10L	No Thinning	1-2 hours	1 coat (if darker shade is required apply 2nd coat)	Cloth or Brush	12m²	
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

Environmental Sustainability

Quantum products are environmentally responsible as they are made from renewable materials, unlike petrochemicals that will deplete over time. Quantum is dedicated to ecologically sustainable products.

Exterior Timber

MICROCLEAR (4540)

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.

- Environmentally responsible made from bio based, ecologically sustainable products
- · Non-toxic, low odour
- Fast drying with only one hour recoat time, apply multiple coats in a day
- · Smooth flow, self levelling finish
- Low yellowing added UV stabilisers
- May be tinted with Quantum transparent or solid opaque stains to provide extra life due to added UV protection







TIMBRE PLUS VERTICAL (4520)

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.

- Environmentally responsible made from bio based, ecologically sustainable products
- · Non-toxic, low odour
- · UV resistant, contains UV absorbers
- May be tinted to Quantum transparent stain colours
- Touch up weathered areas as they occur, no need for a full recoat



Take a look at the many advanatages of TIMBRE PLUS VERTICAL at Quantum Timber Finishes ANZ







Water Wash Up

Quantum products are made from bio 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!



GOLD (4570)

A premium, exterior, transparent, penetrating timber finish, to enhance the natural grain and hues of timber without concealing them. Final undertones tend towards a reddish gold.

- Environmentally responsible made from bio based, ecologically sustainable products
- · Non-toxic, low odour
- Water repellent, helps to prevent the swelling and shrinking of the timber that causes cracking and splintering
- UV resistant, contains UV absorbers
- · Mildew and fungal resistant
- Touch up weathered areas as they occur, no need for a full recoat







Proven Results

Over 25 years' experience in Australian conditions and a proven track record in quality, using Quantum Timber Finishes gives our customers peace of mind when using our products.



QUANTEC (4590)

This sustainable timber preservative can be applied as a clear oil that fades to a natural silver finish or applied with one of 12 contemporary colours (additional colours available) to enhance and maintain the natural beauty of the timber.

- Water wash up
- · Non-flammable, no requirements for precautions with oily rags and equipment
- Low odour (mild eucalyptus smell)
- · Penetrating oil that bind wood fibres together to protect against moisture
- · Prevent swelling and shrinking of the timber that causes cupping, splitting and warping
- · Will not affect plants, shrubs and trees
- Won't crack, peel or flake
- Environmentally responsible, biobased, ecologically sustainable product
- Easy to apply, cost effective to maintain
- No sanding between coats, highlights timber's natural grain and beauty
- Repels water (beads)









Take a look at how cost effective at Quantum Timber Finishes ANZ

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.



AQUAOIL (4500)

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. Quantum AQUAOIL is an oxidising coating that will not peel or crack, making recoating a much easier task.

- Environmentally responsible made from bio based, ecologically sustainable products
- · Non-toxic, low odour
- Water repellent, helps to prevent the swelling and shrinking of the timber that causes cracking and splintering
- UV resistant
- · Mildew resistant
- · Easily touch up weathered areas without having to do a full recoat









AQUAOIL OMEGA (4510)

An exterior, penetrating, high density solid opaque stain that changes the colour of the surface without concealing the texture of the wood grain. The penetrating oil binds the wood fibres together to protect the timber from moisture in alpine and extreme weather conditions. AQUAOIL OMEGA is an oxidising coating that will not crack or peel, making touch ups and recoating a much easier task. Available in Quantum's range of Solid Opaque Stain Colours.

- Environmentally responsible made from bio based, ecologically sustainable products
- · Non-toxic, Mildew resistant
- Water repellent, helps to prevent the swelling and shrinking of the timber that causes cracking and splintering
- UV resistant
- Easily touch up weathered areas without having to do a full recoat







Colour Range

Quantum has the largest colour range in the wood care market. With the choice of transparent stains and opaque solid colours that don't conceal the grain of the wood, Quantum gives you the freedom to create the look you want.





				Tinte	d to	
Product	Gloss Level	Green Building Council	VOC Content	Transparent Stain*	Solid Opaque Stain*	Advantages
TIMBRE PLUS VERTICAL	Low Sheen	Yes	< 33g/L	✓	×	UV resistant & toughness
MICROCLEAR	Matt, Satin, Gloss	Yes	<46 g/L	✓	✓	Fast dry - multiple coats per day
GOLD	Low Sheen	No	<144 g/L	×	×	Enhances the natural grain/hues
QUANTEC	Matt	No	<189 g/L	×	×	Preserves & protects
AQUAOIL	Low	Yes	<19 g/L	×	✓	Binds wood fibres together
AQUAOIL OMEGA	Sheen	No	<110 g/L	*	✓	Protects coating against snow & salt

^{*} 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.



Pack Size	Thinning	Dry Time @25°C	No. Coats	Application	Coverage (m² per litre)	Clean Up
1L, 4L, 10L, 20L	No Thinning	2-4 hours Recoat 4 hours	3	Brush, Spray or Roll	9m²	
1L, 4L, 10L	Up to 5% with water	Touch dry 30 min Recoat 1 hour	Interior 1-3 Exterior 3		10-16m²	
4L, 10L, 20L		12-24 hours Recoat 24 hours	3		Old Timber up to 2m² New Timber up to 7m²	
4L, 10L, 20L	No	24-48 hours		Brush, Spray or roll	4-6m² First coat may use more	Water
500ml,1L, 4L, 10L, 20L	Thinning	6-8 hours Recoat 12 hours	2		Old Timber up to 2m ²	
500ml, 1L, 4L, 10L, 20L		12-24 hours Recoat 24 hours			New Timber up to 7m ²	







Decking

TIMBRE PLUS DECKING (4730)

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
- Environmentally responsible made from bio based, ecologically sustainable products
- Non-toxic, low odour
- Hard wearing with outstanding adhesion and toughness
- Slip and UV resistance







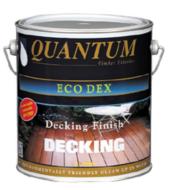
ECODEX (4710)

A fast drying, durable, oil based finish designed to protect your timber deck from the harsh Australian environment. Can be tinted to one of Quantum's Transparent Stain Colours.

- Environmentally responsible made from bio based, ecologically sustainable products
- · Non-toxic, low odour
- Fast drying
- Water repellent



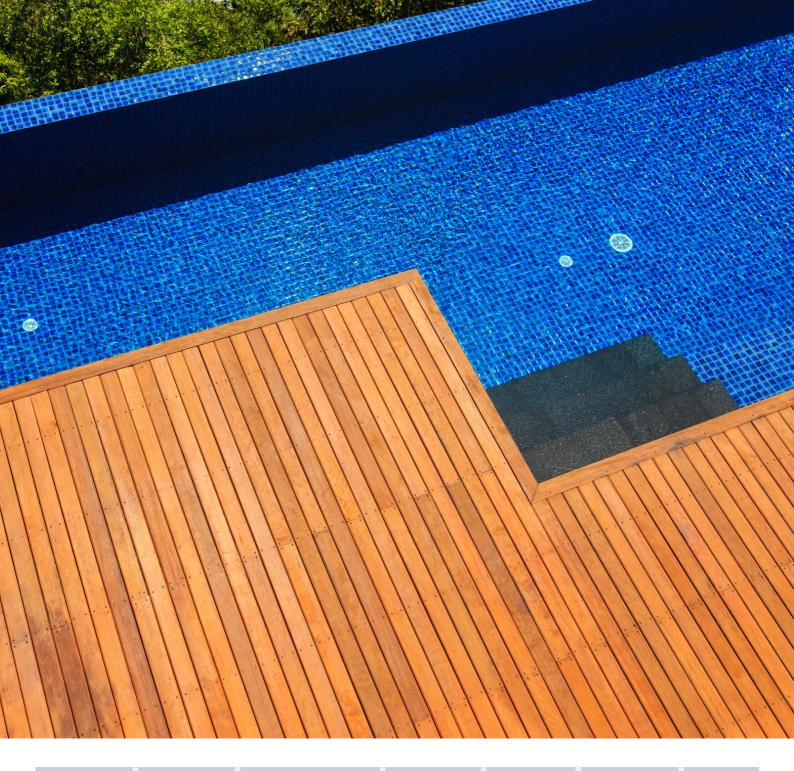




			Tinte	d to		
Product	Gloss Level	Green Building Council	VOC Content	Transparent Stain*	Solid Opaque Stain*	Advantages
TIMBRE PLUS DECKING	Satin	Yes	<38 g/L	✓	×	Tough, slip & UV resistance
ECODEX	Satin	Yes	<19 g/L	✓	×	Economical decking oil

^{*} 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.



Pack Size	Thinning	Dry Time @22°C	No. Coats	Application	Coverage (m² per litre)	Clean Up
1L, 4L, 10L,20L	No	3-4 hours Recoat 6 hour	Minimum 3	Brush, Roll, Spray or Dip	9m²	Water
1L, 4L, 10L	thinning	3-4 hours Recoat 6 hour	Minimum 3	Brush, Spray or Roll	9m²	vvalei











Flooring

MICROFLOOR (4370)

A water based, single pack, tannin resistant, clear urethane floor finish.

- Fast drying, apply multiple coats in one day.
- · Tannin blocking.
- Very smooth flow and self-levelling finish. Non-toxic and low odour.
- Complies with the Green Building Council Australia: Green Star – Office Design v3 & Office As Built v3, Table IEQ-13.1: Maximum TVOC Content Limits for Paints, Varnishes and Protective Coatings (Maximum limit for "One and two pack performance coatings for floors "EU Directive" – 140 g/L).







MICROFLOOR SLIP RESIST 50 (4380)

MICROFLOOR with SLIP RESIST 50 Additive provides a minimum D1 dry slip and P5 wet slip rating when measured in accordance with AS4586:2013- Slip Resistance classification of New Pedestrian surface materials.

- · Non-toxic and low odour
- Complies with the Green Building Council Australia: Green Star – Office Design v3 & Office As Built v3, Table IEQ-13.1: Maximum TVOC Content Limits for Paints, Varnishes and Protective Coatings (Maximum limit for "One and two pack performance coatings for floors "EU Directive" – 140 g/L).







				Tinte	d to	
Product	Gloss Level	Green Building Council	VOC Content	Transparent Stain*	Solid Opaque Stain*	Advantages
MICROFLOOR	Satin,	Yes	<96 g/L	×	×	Tannin blocking, low odour, fast dry
MICROFLOOR SLIP RESIST 50	Gloss	Yes	<96 g/L	×	×	D1 Dry Slip & P5 Wet Slip Rating

^{*} 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.





Designed for Australian ConditionsAustralia's climate varies greatly throughout the different states and territories. Knowing all too well how climate variations affect timber substrates differently, Quantum products have been designed and tested to protect timber in these conditions.

Pack Size	Thinning	Dry Time @22°C	No. Coats	Application	Coverage (m² per litre)	Clean Up
4L, 10L	-	30 minutes Recoat 2 hours	3	Brush or	10-12m ²	Water
4L, 10L	-	-		Roll	10-12m²	Tatel

Additives

Slip Resist 50 (4935)

Slip Resistance Additive, can be added to MICROFLOOR & TIMBRE PLUS DECKING Provides a minimum D1 Dry Slip and P5 Wet Slip Rating when measured in accordance with AS4586:2013 - Slip Resistance classification of New Pedestrian surface material.

For best results stir SLIP RESIST 50 additive into MICROFLOOR and TIMBRE PLUS DECKING using a drill stirrer or stir vigorously with a flat stirrer to disperse thoroughly.

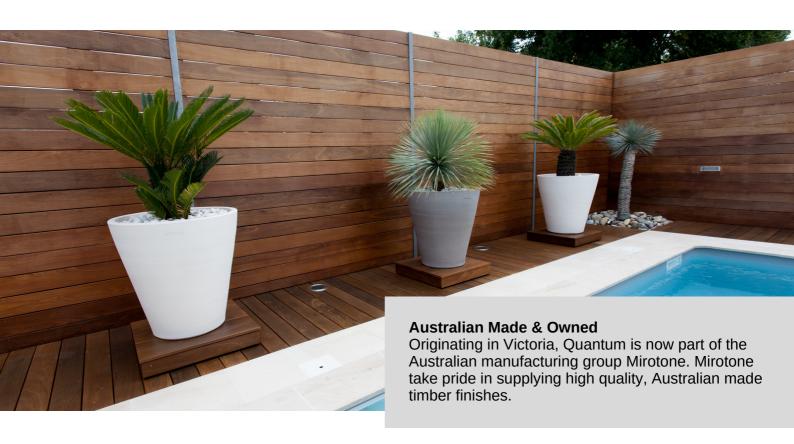
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Typical Applications:

Timber stair treads, timber ramps & timber flooring where slip resistace is required.

Product	Pack Size	Thinning	Dry Time @22°C	No. Coats	Application	Coverage (m² per litre)	Clean Up
SLIP RESIST 50	600gm, 150gm	Nil	Nil	Nil	Nil	Nil	Water





DIP / Treatment

AQUATEC DIP (4850)

An easy to apply, non-toxic, non-flammable, oil based dip finish. It exhibits a high degree of water and scuff resistance as it binds the wood fibres together to protect against moisture attack. Excellent mould, algae and fungal protection.

- · Easy to use, coats all surfaces evenly. No sanding required
- Anti-fungal properties
- Penetrates and conditions the timber, whilst retaining the natural surface texture and grain of the timber
- Helps prevent shrinking and swelling of timber, which can cause cupping and warping
- · Non-toxic, low odour and water clean-up
- · Time saving, increase efficiency in production
- · Topcoat with other Quantum products, if required
- Environmentally responsible made from bio based, ecologically sustainable products

Typical Applications:

Interior or exterior application such as spa cabinets, furniture, children's cubby houses, timber chips, timber screens/blinds, windows and doors, timber sleepers, pergolas and pre-finished decking.

QUANTUM DIP (4810)

An easy to apply, non-toxic, non-flammable, oil based dip finish. It exhibits a high degree of water and scuff resistance as it binds the wood fibres together to protect against moisture attack.

- Easy to use, coats all surfaces evenly.
- Penetrates and conditions the timber, whilst retaining the natural surface texture and grain of the timber.
- Helps prevent shrinking and swelling of timber, which can cause cupping and warping.
- Non-toxic, low odour and water clean-up.
- · No sanding required.
- Time saving, increase efficiency in production.
- Topcoat with other Quantum products, if required.
- Environmentally responsible made from bio based, ecologically sustainable products.

Typical Applications:

Interior or exterior applications such as furniture, children's cubby houses, timber chips, timber screens/blinds, windows and doors, timber sleepers, pergolas and pre-finished decking.



The colours shown in this product guide are to be used as a guide only. Actual colours will vary due to computer monitor displays and how individuals see colour. The final appearance of stain colours are affected by many factors including timber colour specices and number of coats of the stain. (Higher number of coats results in darker colour). It is up to the user to test and confirm the colour on a sample board before application. The product guide should be used as an indicative guide of colour only. Stain colours are based on information in Mirotone's possession at the "date of issue". Amendments to the product guide can be made at any time. Users should check that the stains are still current before applying coatings as per the information contained within.

Colours shown in this guide are as close as possible to actual paint colours. Please note: Due to limitations of the printing process, photographic and printed images may not represent the true colour.

This product guide has been compiled by Mirotone Pty Ltd on the basis of current general information. It is your responsibility to assess and verify the accuracy, completeness and reliability of the information in this guide, and to seek professional advice where necessary. Mirotone Pty Ltd makes no representations or warranties of any kind with respect to this product guide or its contents. Mirotone Pty Ltd, its related companies, directors, employees, shareholders, agents and other representatives will not, under any circumstances, be liable for any injury, loss or damage arising out of or related to the use of the information in this product guide.





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