



QUANTUM

TIMBER FINISHES



Environmentally Sustainable, Environmentally Responsible.

MICROCLEAR

A single pack, water based, clear, urethane for interior and exterior protected or semi shaded timber.

Advantages

- 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.

Typical Applications

Interior Timber such as furniture, doors, windows, cupboards, storage units and skirting boards.

Semi Exterior Timber such as eaves, doors and windows and feature walls.

Coverage

- 10-16m² per litre, first coat may use more. Coverage is dependent upon the porosity of the substrate.

Application Method

By brush, roller (short nap) or spray.

Good preparation is key to a professional looking, long lasting finish:

1. Ensure the surface is clean, dry and free from all dirt, dust, grease and grime.
2. Sanding not usually required, however if grain raising occurs de-nib / lightly sand after the first coat.
3. Interior apply 1 to 3 coats to achieve the desired finish
4. Exterior apply a minimum of 3 coats
5. Spraying: Airless spray recommended. Use a 0.33 to 0.38mm (13 – 15 thou) orifice, 10cm fan (dependent on job) with a regulated pump pressure of 350-400 kPa (50 – 55 psi) tip pressure. Back brushing is recommended to achieve an even finish. Use normal protection i.e. mask, overalls. Watch your overspray. Wash off with soap and water before it dries.

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Precaution

- Always test recycled timber for adhesion prior to full application.
- MICROCLEAR is best used in semi shaded areas.

Specifications	Heat/Temperature	Do not apply if temperature is below 15°C or above 30°C.
	Drying	Touch Dry - 30 minutes Recoat - 1 Hour Full Hardness and cure may take up to 7 days. <i>In cooler or humid conditions drying times will be longer. Drying time is affected by wet film thickness (WFT), the higher the WFT the slower the rate of reaction and the longer the dry time.</i>
Properties	Colour	Clear or tinted with Quantum Transparent Stains and Solid Opaque Stains.
	Finish	Matt, Satin, Gloss.
	VOC Level	<46g/L. – Refer to VOC certificate for more information. VOC is dependent on gloss level.
	Thinner	Up to 5% with water or Quantum Wet Edge Extender to help maintain a wet edge and reduce drag on hot dry days.
	Pack Sizes	1L, 4L, 10L.
	Product Code	4350 (Interior) 4540 (Exterior).
	Clean Up	Water clean-up.

Health & Safety

Before handling, refer to the Safety Data Sheet (SDS) for health and safety information. Ensure that all people using this product have read and understood this data sheet, the associated SDS and packaging label before using this product.