



QUANTUM

TIMBER FINISHES



Environmentally Sustainable, Environmentally Responsible.

AQUAOIL OMEGA

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

Advantages

- Environmentally responsible - made from bio based, ecologically sustainable products.
- Non-toxic.
- 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.

Typical Applications

Quality exterior softwoods and hardwood timber. Suitable for houses, pergolas, weatherboards and fences where a long life solid opaque stain finish is required.

Coverage

- New Timber May use up to 1 litre per 7m² per litre. First coat may use more depending upon the porosity of the timber.
- Old Timber May use up to 1litre per 2m² per litre

Note: AQUAOIL is a saturation finish, not a surface coating.

Application Method

By brush, roller (short nap) or spray.

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

1. *New timber* – Power wash using SAP STRIP to remove all extractives and sterilise any fungus or mould. This will also help to open up the timber and remove mill glaze to assist with penetration of the coating.
2. *Old timber* – Wash with DEX PREP and a strong jet of water to rid the surface of oxidation (greying). Test adhesion in a small area.
3. Apply the first coat liberally to allow penetration, allow to dry.

AQUAOIL OMEGA (4510)

Issued 03/06/2019

Page 1

The information in this data sheet represents typical values. Application variables affect product performance therefore this information should be used as a guide. The user must satisfy themselves as to the suitability of this product for their requirements. Mirotone assumes no liability for use of this information.

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4. Apply second coat.
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.

Renewing finish – Hose off dust, dirt or salt. Apply one good coat. If coating has eroded back to bare timber, then a timber cleaner such as DEX PREP will be required.

Note: When using weatherboards, it is best practice to coat the back of the board.

Specifications	Heat/Temperature	Do not apply if temperature is below 12°C or above 30°C.
	Drying	Touch Dry – 6-8 hour Recoat – 12 hours <i>In cooler or humid conditions drying times will be longer. The first coat on new timber may be fairly slow to dry as it mixes with the sap in a particular timber.</i>
Properties	Colour	Tinted to one of Quantum's Solid Opaque Stains.
	Finish	Low Sheen.
	VOC Level	<110g/L.
	Thinner	Not required.
	Pack Sizes	1L, 4L, 10L, 20L.
	Product Code	4510.
	Clean Up	Water clean-up.

Precaution

Allow 36-48 hours rain free period for the coating to form a coherent film. The final appearance will take 3-5 weeks as the coating cures.

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.