



High Performance Paint

Product Data Sheet



AQUATEC WOOD COTE

03-5XXX AUG 14



DESCRIPTION: Non yellowing polyurethane, (specialty composition) water based dispersion. Virtually odourless.

TYPICAL USES: Exterior/interior surfaces where a clear finish is required, e.g. native wooden trims, Rimu/Kauri etc, window frames, doors, furniture etc.

PERFORMANCE: Can be used where an alkyd (Oil) based paint would be used. The product exceeds the performance of such products. The product does not suffer from blocking so is ideal for windows and doors. Non yellowing.

LIMITATIONS: Care must be taken when applied to some woods as the water can swell the fibres. Apply two coats, not one thick coat. Do not apply if the air or surface temperature during application and drying is likely to fall below 10°C.

TECHNICAL DATA:

Resin:	Specialty composition/polyurethane
Solvent:	Water
Finish:	Satin (30-35% @ 60°) Matt (10-12% @ 60°)
Colour:	Clear/Std colours
Touch Dry (minimum):	60 minutes @ 20°C
Recoat Time (minimum):	2 hours
Primer:	Not required
Number of Coats:	2-4
Dry Film Thickness:	28-34 microns at 12-10 m ² /litre
Wet Film Thickness:	83-100 microns at 12-10 m ² /litre
Durability:	Excellent. Non yellowing.
Thinning and Clean Up:	Water. See over
VOC:	36 g/litre
Pot Life:	Not Applicable
Pack Size:	1, 4, 10 Litre

SPREAD RATE:

Theoretical Coverage: 10-12 m²/litre/coat.
Coverage depends on surface profile and porosity.

COMPUTER CODES:

Aquatec Wood Cote Satin Clear 03-5300
Aquatec Wood Cote Matt Clear 03-5100

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SURFACE PREPARATION:

(Refer to "Surface Preparation and Paint Systems" for full details). To ensure a successful application all surfaces to be coated must be clean, dry and stable.

All cracks and joints need to be treated as appropriate to suit the situation. Do not expect paint to bridge moving cracks/joints successfully.

Any mould, moss or algae needs to be treated with a suitable chemical cleaner/inhibitor. Ensure surfaces are free from oil, grease and any surface contamination. Use commercial detergent/alkali cleaner, not acid wash.

Note: Commencement of work on a surface means in general you accept that surface. If any doubt about condition etc, seek advice.

The main applications are wooden surfaces that need to be "varnished", to show up the grain of the timber.

NEW TIMBER:

First Coat: Apply evenly a thin coat with a good quality brush. Allow to dry. Using a fine sand paper (#600 grit or smoother), lightly sand to remove any "nibs".

Second/Third Coats: Apply using the same method sanding between if necessary. The number of coats necessary is dependant on the depth of colour that the customer requires.

OLD TIMBER:

All old paint or varnish must be removed. To do this a good quality paint remover should be used with the aid of a tool such as a "linbide scraper ". Lightly sand the timber being careful not to raise grain. Proceed as for new timber.

JOINT OR CRACK REPAIR:

Use a quality wood filler such as "DAP" wood dough, apply at least two applications, to ensure the product does not "shrink" back, with drying. Sand lightly with the grain to level the filler.

APPLICATION:

Apply using either a brush or an airless spray. Brushing gives the easiest results. Always use a high quality brush running with the grain. Avoid high builds on vertical surfaces as runs occur.

Airless Spray: Use a fine tip such as 309, 409. Apply first coat thinly, as per instructions for new timber above. Horizontal surfaces can be coated quite heavily, giving a very good levelling and gloss. Be careful of runs and sags.

THINNING & CLEAN UP:

Do NOT thin. Clean up in water. Use a small amount of detergent to aid clean up.

ENVIRONMENTAL:

This formulation uses the latest technology with low toxicity, ensuring environmental issues are not compromised. DO NOT POUR paint or wash down storm water or water courses. ALWAYS dispose of in accordance with local Government regulations. Soak up spills with absorbent material and dispose of properly. If spraying use suitable respiratory protection. Refer to the MATERIAL SAFETY DATA SHEET.