



High Performance Paint Product Data Sheet



AQUATEC LP

OX-50XX JUN 09



DESCRIPTION: A unique polymer composition. A water based dispersion. Virtually odourless. Exceptional flow and silky appearance. Available in full gloss and silk.

TYPICAL USES: Exterior/interior surfaces where a smooth, hard wearing easy clean finish is required, e.g. window frames, skirtings, doors, cupboards, weatherboards etc.

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

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

TECHNICAL DATA:

Resin:	Specialty polymer composition
Solvent:	Water
Finish:	Gloss (75%+ @ 60°) Silk (40-50% @ 60°)
Colour:	White/Unlimited Colours
Touch Dry (minimum):	60 minutes @ 20°C
Recoat Time (minimum):	2 hours
Primer:	See over
Number of Coats:	2
Dry Film Thickness:	
Wet Film Thickness:	
Durability:	Excellent. Non yellowing.
Thinning and Clean Up:	Water
VOC:	
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 LP Gloss White	01-507
Aquatec LP Silk White	01-503
Aquatec LP Silk Midtone	02-5032
Aquatec LP Silk Deep	02-5033
Aquatec LP Silk Ultra Deep	02-5034
Aquatec LP Silk Accent	02-5035

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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.

The main applications are wooden surfaces that need to be painted for protection and easy clean.

NEW TIMBER:

Apply EVO EASYSAND, evenly with a good quality brush/roller/spray. Allow to dry. Using a fine sand paper (#600 grit or smoother) lightly sand to remove any “nibs” or fibre/grain swelling. (HI OPACITY PIGMENT SEALER may also be used and this will eliminate the possibility of tannin bleed.

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.

Old varnished doors will normally require a coat of HI OPACITY PIGMENTED SEALER to stop bleeding.

CONCRETE, CEMENT PLASTER, OLD AND NEW:

Unpainted: If tight surface from e.g. formwork, steel trowel, it’s important to remove any laitance by washing. Allow to dry.

New Cementitious surfaces, allow to cure for 7 days minimum (28 days preferred).

Apply one coat of ACRYLIC SEALER UNDERCOAT (see data sheet).

If leaching/efflorescence is likely, use LIME STOP first (see data sheet).

Painted: Remove any and all flaking or blistering paint by water blasting or grit blasting. Be careful not to create an undue profile or damage the underlying substrate. Check soundness of surface by cross-cutting with a sharp blade and applying tape. Rip tape off. If paint is removed surface is unsound and requires stripping. Apply one coat of ACRYLIC SEALER UNDERCOAT (see data sheet).

APPLICATION:

Apply using either a brush, roller or airless spray.

Brush: Always use a high quality brush running with the grain. Avoid high builds on vertical surfaces as runs occur.

Roller: It is preferable to use a mohair roller, as this creates the least bubbling, which can be broken by a light over roll, with a dry roller.

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.

General: Apply each coat carefully, sanding between coats if necessary. The number of coats necessary is dependant on the depth of colour that the customer requires. Usually 2 – 4 coats.

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.