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AQUATEC WB ENAMEL

TDS01-780

DESCRIPTION	High Quality Interior and Exterior water based enamel coating.
TYPICAL USES	Interior surfaces including: wall boards, plywood, skirtings, window frames, doors, kitchens, bathrooms.
ENVIRONMENT	Interior/ Exterior
PERFORMANCE	Designed to be used in place of alkyd (Oil) based paints, to provide durable, hard wearing surfaces. Good blocking resistance. Non yellowing. Low Sheen and Matt contain antibacterial properties designed for applications where suppression of Staphylococcus Aureus, Escherichia Coli, Pseudomonas aeruginosa and Klebsiella pneumoniae is required and provides effective mitigation of algae/fungi/yeasts/moulds.
LIMITATIONS	Do not apply if the air and surface temperature during application and drying is likely to fall below 10ºC. Do not apply as a foot traffic surface. Open time is very short and this is typical of acrylic enamels. KEY NOTE: Matt Finish for Interior use only
TECHNICAL DATA	Resin: Special Acrylic Solvent: Water Appearance: White Colour: All Colours Primer: See over. Durability: Excellent Thining and Clean Up: Water Pack Size: 1, 4, 10 Litre VOC: 53 g/litre Vol Solids: 32 percent Touch Dry: 60 minutes @20°C Recoat Time: 2-4 Hours @20°C Number of Coats: 2 Theoretical Coverage: 10 m²/litre/coat Wet Film Thickness: 100 microns Dry Film Thickness: 32 microns
AVAILABLE FINISHES @60°C	**Sheen** Gloss 75+% Semi Gloss 40-50% Low Sheen 10-12% Matt 4-6%
SPREAD RATE	10-12 - m²/litre/coat Practical spreading rates will vary depending on such factors as application method, ambient conditions and surface porosity and roughness.
PRODUCT CODES	01-780.01 02-7995.XX 02-3555.XX 02-7395.XX 01-780.XX 01-739.XX 01-799.XX 01-355.XXX

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PRIMERS AND UNDERCOATS

Substrate	Primer / Undercoat	Technical Data Sheet
Plasterboard	TRUEPREP EASYSAND	See TDS05-158
Plasterboard	TRUEPREP DRYWALL SEALER	See TDS05-675
Timber Joinery	TRUEPREP MULTIPRIME	See TDS05-100
Plasterboard	TRUEPREP MULTIPURPOSE ALKYD PRIMER UNDERCOAT	See TDS55-550URO
Timber	TRUEPREP ACRYLIC PRIMER UNDERCOAT	See TDS05-155

SURFACE PREPARATION

Timber - dressed-New Unpainted STAINING
All surface contaminants must be removed leaving the surface clean of dirt, grease and any other form of contamination. Ensure the timber is dry and has a moisture content of less than 15% before application.

Inspect the substrate prior to applying any coating system to ensure there is no surface defects.

DEFECTS: Repair or fill as required, taking care to use a filler of similar tone to the timber, prior to applying first coat.

Sand all surfaces to be painted to an even flat smooth finish to provide a good key for the new paint system. Dust down and wipe with a damp cloth to remove all dust. Allow to dry.

Plasterboard-Previously Painted Good
Treat and kill any areas of mould or fungal infestation. When fully killed clean the surface with Liquid sugar soap then rinse off any residual cleaner with clean water to remove all residual chemicals. Allow to dry.

Thoroughly scrape and sand to remove all loose and flaking paint. Sand remaining flaking paint to a feathered edge, taking care not to fur up the underlying plasterboard surface. Spot prime any bare substrate.

Fill all cracks or holes with TRUEPREP STOP-IT FILLER, or suitable stopping compound for larger repairs. Once dry sand smooth. Pole sand P240 all remaining surfaces and dust down.

Seal all repaired areas and any areas of bare substrate with the manufactures recommended sealer/ undercoat.

If there are any signs of water-staining that is visible on the walls or ceilings. We would recommend to seal that entire surface with TRUEPREP MULTIPURPOSE ALKYD PRIMER UNDERCOAT or TRUEPREP MULTIPRIME. Contact to Cotec Technical if in doubt.

Timber-New Unpainted PAINTING
All surface contaminants must be removed leaving the surface clean of dirt, grease and any other form of contamination. Ensure the timber is dry and has a moisture content of less than 15% before application.

Inspect the substrate prior to applying any coating system to ensure there is no surface defects that require repair prior to applying first coat.

Sand all surfaces to be painted to an even flat smooth finish to provide a good key for the new paint system. Dust down and wipe with a damp cloth to remove all dust. Allow to dry.

DEFECTS: If required, apply appropriate flexible paintable sealant, to gaps between skirting boards, framing and scotia's and fill any minor defects using TRUEPREP STOP-IT Filler, after primer coat is dry.

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Timber Joinery-Previously Painted Good
Moss or Mould Infestation: Cleaning for all interior and exterior procedures

Interior Uses: If any areas of moss or mould infestation exist, then treat them with a form of moss & mould killer solution. In areas that has signs of mould infestation, it can be removed with a wipe of concentrated moss and mould killer solution on a damp cloth.

Exterior Uses: If any areas of moss or mould infestation exist, treat them with our Trueprep Green Kill as per our TDS. Apply by flood coating to the surface and allow a minimum of 48 hours and preferably a week for sterilization before scrubbing or water-blasting for removal of the detritus.
For heavy infestations, an additional application may be needed.

Cleaning Process: Cleaning for all interior and exterior procedures

Interior Uses: Liquid sugar soap or similar cleaner is a good method for cleaning all contaminates of the existing substrate. The surface will need to be thoroughly cleaned down to remove any residue left.

Exterior Uses: All surfaces must be clean, and free from dirt, grease, and any other surface contaminant. Clean with TRUEPREP SURFACE CLEAN - A powerful water based, biodegradable, degreaser. Formulated to remove grease and other contaminants from painted and other surfaces. Refer to the TDS for all general information and application.

Allow to scrape and sand all flaking paint. Thoroughly scrape and sand to remove all loose and flaking paint and to provide a key for topcoats.

Ensure all flaked paint has been thoroughly sanded to a feathered edge. Allow to sand any sharp edges to give a rounded edge for better adhesion. Remove all sanding dust.

Allow to spot prime all bare areas apply one full coat of primer to help bind the existing coating.

Fill all nail holes and gaps with Cotec Stop-It Filler or similar product applied in accordance with manufacturer's instructions. Spot prime filled areas (after fully dry) with the specified Primer again.

The applicator takes responsibility for all surfaces being suitably prepared prior to commencement of paint work.

Key Notes:

Lead Paint - Lead Test Kits
It's not possible to tell lead-based paints by their appearance, but there is a simple test that can detect whether the paint is a health risk. If a building was built in the 1980s or earlier, it is best to presume that it has been painted with lead-based paint.
https://www.worksafe.govt.nz/topic-and-industry/hazardous-substances/guidance/substances/managing-lead-based-paint/

Delamination
Paint delamination is the separation of one coating from another – inter-coat adhesion failure, or the separation of the coating from the substrate. This can be tested through adhesion testing.

Adhesion Testing
Clean an area of suspect coating. Apply a strip of adhesive tape ensuring there is firm contact by rubbing with your fingernail. Rapidly pull off the tape at 90° to the surface. The tacky side of the tape for any detached paint filings. If there is no paint on the tape the substrate is suitable for paint and preparation can proceed through to the next stage. Where paint flakes have come away, thorough sanding and/or stripping will be required. Feather all edges of poorly adhering paint areas and immediately treat with the first coat of the specification to prevent 'edge curl' with subsequent weathering.

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Inspect the substrate prior to applying any coating system to ensure there is no contamination present and no surface defects exists. If there is either contaminants or defects are present, rectification process is required prior to any coating is applied.

Sand the surface to remove contaminants and provide a mechanical key for our topcoats. Wipe surface with a damp rag to remove all dust.

APPLICATION

Brush and Roller: Can use product as is or add up to 5% potable water if high temperatures or windy conditions. This will ease roller/brush drag and assist in keeping a wet edge. When brushing use a full brush. Do not feather out too far, leave a good build so product can level well.

SPRAY
Recommend an airless unit. Pressure 2,500psi max and a tip 515-619. Add up to 10% potable water, if necessary.

BRUSH/ROLLER
Roller: Nap dependent on texture of substrate.

PRECAUTIONS
Matt Finish for Interior use only. *

CLEAN UP
Water

THINNING

Maximum thinning 5% using Cotec spray thinners. 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

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