TRUEPREP LIME STOP

TDS05-160

DESCRIPTION	A water based primer for sealing lime efflorescence which can bleed through acrylic paints. Also aids the curing mechanism of concrete.
TYPICAL USES	Exterior cementitious finishes have a high lime content which can effloresce to the surface, creating a white layer of limestone. Under certain situations this can leach through acrylic paints to the outer surface, which is especially noticeable with dark colours. TRUEPREP LIME STOP is a very effective in reducing migration of lime.
PERFORMANCE	Is applied directly to new concrete or cement surfaces and will promote the cure and sealing of the surface.
LIMITATIONS	If the weather conditions and temp are adverse the TRUEPREP LIME STOP will not cure correctly and completely. Under these conditions the product will not be fully effective in blocking the lime migration. Do not apply if the air and surface temperature during application and drying is likely to fall below 10ºC. In low cold humid conditions, Uniseal Gloss LO may provide improved drying performance. Do not apply in damp humid conditions. Is designed to be over coated. If over coating with dark colours, either allow concrete to cure 4-6 days or apply 2 coats of TRUEPREP LIME STOP.
TECHNICAL DATA	Resin: Specialised hydrophobic acrylic Product Type: Lime Efflorescence Sealer Solvent: Water Appearance: Water White Liquid Colour: Translucent Primer: See over. Durability: Excellent Thining and Clean Up: Water Pack Size: 04, .10 VOC: 29 g/litre Vol Solids: 26 percent Touch Dry: 30 minutes @20°C Recoat Time: 2 Hours @20°C Number of Coats: 1 Theoretical Coverage: 8 m²/litre/coat Wet Film Thickness: 100 microns Dry Film Thickness: 26 microns
SPREAD RATE	6-8 - m²/litre/coat Practical spreading rates will vary depending on such factors as application method, ambient conditions and surface porosity and roughness.
PRODUCT CODES	05-160.04 05-160.10

SURFACE PREPARATION

Cementitious Flooring-New Unpainted

It is strongly recommended that plaster and concrete is left to age for at least 28 days before coating to allow the concrete to fully cure before application. It is recommended that a moisture test on the concrete is carried out at this stage prior to painting. Refer to PS-C004 The Moisture Content of Concrete.

Note: Surfaces treated with Xypex
Do not proceed with surface preparation or application or other coatings until waterproofing treatment has cured and set for a minimum of 21 days. Light abrasive blasting or washing the Xypex surface with a 3 - 5% acid solution followed by a rigorous rinse with clean water is recommended before applying the coating. Be sure to flush all acid off the surface. Alternately, removal of the Xypex coating by high pressure washing or abrasive blasting following full curing is acceptable.

All surfaces must be clean, and free from dirt, grease, and any other surface contaminant. Clean with TRUEPREP SURFACE CLEANER following instructions, power wash (min 3500 psi) to remove residue and any loose material. Refer PS-C006 Making Concrete Clean and Dry.

All surfaces need to be inspected once degreased and power washed to fully establish the condition of existing substrate (and remaining coating) prior to finally specifying the degree and type of preparation work. Any recommendations made prior to this are guides only.

The substrate needs to be profiled to an open uniform surface suitable for priming, and consideration given as to the most appropriate method of preparation that maintains the substrates integrity.

The method of preparation work (Grinding, media/soda blast, or UHP blasting, acid etching, sanding or other) must be discussed and documented separately. Generally, a full grind to remove existing contamination and profile the surface as above is recommended.

Repair work (surface and crack repair, expansion joints, rebar rust leaching) must be discussed and documented separately. Do not expect paint to successfully bridge gaps and cracks. Refer to PS-C005 Repair of Concrete Defects.

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APPLICATION	Requires an even coverage, for best results. The final appearance should be an even light wet look. Brush, Roller, Low Pressure Back Pack or can use Airless spray. Brush and Roller: Can use product as is or add up to 5% (max) potable water if high temperatures, windy conditions. This will ease roller/ brush drag and assist in keeping a wet edge. Roller: Lambs wool, nap depends on surface profile. Spray: Then recommend an airless unit. Pressure 2,500psi max and a tip 413 – 515. Do not apply to wet (ponding) surfaces. Allow to dry and overcoat with specified acrylic coating. If over coating with dark colours, apply second coat of TRUEPREP LIME STOP or allow cement surface to cure for 4-6 days, to allow the lime to cross link and become less mobile.
THINNING	Water. Do not over thin.
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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