

## TRUEPREP ACRYLIC HIGH BUILD ROOF PRIMER

TDS05-800

<b>DESCRIPTION</b>	100% ACRYLIC HIGH BUILD ROOF PRIMER formulated and designed for maximum adhesion and protection, where the substrate needs to be "built up" because of erosion or wear producing "heavy" texture. Formulated to be overcoated with Legacy Roof Acrylic.
<b>TYPICAL USES</b>	Recommended for use on prepared badly eroded Concrete, Decramastic tiles and Bitumastic surfaces.
<b>PERFORMANCE</b>	Has excellent adhesion to most surfaces. Designed for long life and an attractive flat finish. Builds up an uneven texture on badly eroded concrete tile.
<b>LIMITATIONS</b>	Do not apply at temperatures below 15°C or above 50°C nor in direct sunlight. Ensure all corrosion has been successfully treated.
<b>TECHNICAL DATA</b>	<p>Resin: 100% Acrylic Polymer  Solvent: Water  Colour: Light Grey  Primer: Not applicable  Durability: Excellent  Thining and Clean Up: Water  Pack Size: 10L  VOC: 24  Vol Solids: 50 percent  Touch Dry: 60 minutes @20°C  Recoat Time: 2 Hours @20°C  Max Recoat Time: 5 days @20°C RH 50%  Number of Coats: 2  Theoretical Coverage: 6 m<sup>2</sup>/litre/coat  Wet Film Thickness: 166 microns  Dry Film Thickness: 83 microns</p>
<b>AVAILABLE FINISHES @60°C</b>	<p><b>Sheen</b>  Matt 2-6%</p>
<b>SPREAD RATE</b>	<p>Standard Application: 6 - m<sup>2</sup>/litre/coat  Standard Application: 6 - m<sup>2</sup>/litre/coat  Light Coat: 8 - m<sup>2</sup>/litre/coat  Practical spreading rates will vary depending on such factors as application method, ambient conditions and surface porosity and roughness.</p>
<b>PRODUCT CODES</b>	05-800

**SURFACE PREPARATION Concrete Tiles-Previously Painted Good**

Confirm the existing coating type and system compatibility, referencing Cotec Information sheet: PS-C003 Paint Identification Test MAR 20.

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.

Moss ,Algae and Lichen: Any growth on surfaces must be killed off. The surface will need to be treated with TRUEPREP GREEN-KILL following the manufacturer's instructions. This could take multiple applications. Failure to do this and completely kill the roots of the growth that will have grown into the substrate could lead to paint failure and re growth in those areas.

All surfaces must be clean, and free from dirt, grease, and any other surface contaminant. Clean with TRUEPREP SURFACE CLEANER following instructions, power wash 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.

Existing coatings that have begun to fail (blistering, flaking, eroded, or worn) will need to be removed as far as practical from the concrete substrate. Once coatings have begun to fail (particularly if there are multiple layers of paint or worn to bare tight concrete) any attempt to paint over will likely result in failure. All areas must be free of loose or flaking paint, where the coating is eroded or powdery the surface must be abraded using wire brushes, sandpaper or high-pressure water blast to ensure the best adhesion of the new paint. Feather all edges, wash or dust off to remove all debris.

Any areas that are shiny (original gloss level) such as shaded areas must be sanded to knock the gloss and provide a key.

Perform a crosscut adhesion test to several places across all elevations where existing coating are present to validate adhesion of the existing coating prior to overcoating. It is also recommended to apply TEST AREAS of the specified paint system to several places across all elevations to validate adhesion of the system AND mitigate risk of blistering that may occur between previously applied coatings.

Contact Cotec Technical if you have any concerns, or reference MPNZA fact sheet #44.

Inspect the substrate prior to applying any coating system to ensure there are no surface defects exists. All Roof Tiles, Valleys, Ridges, and Barges should be inspected for cracks and damages and replace where required. Where Ridges and Barges are replaced, will require repointing. This should be done by a qualified roofing repairer. Cracks and damage may require some form of filling or modified paintable Silicone sealant where required. Repair as required.

Repair work (surface and crack repair, pointing) must be discussed and documented separately. Do not expect paint to successfully bridge gaps and cracks.

**COATING TECHNOLOGIES LIMITED**

10 Andromeda Crescent, East Tamaki, Auckland 2013 Ph +64 9 837 0897 [www.cotec.co.nz](http://www.cotec.co.nz)

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## Concrete Tiles-Aged Unpainted Good

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.

Moss, Algae and Lichen: Any growth on surfaces must be killed off. The surface will need to be treated with TRUEPREP GREEN-KILL following the manufacturer's instructions. This could take multiple applications. Failure to do this and completely kill the roots of the growth that will have grown into the substrate could lead to paint failure and re growth in those areas.

All surfaces must be clean, and free from dirt, grease, and any other surface contaminant. Clean with TRUEPREP SURFACE CLEANER following instructions, power wash 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 pointing) prior to finally specifying the degree and type of preparation work. Any recommendations made prior to this are guides only.

Any areas that are shiny (original gloss level) such as shaded areas must be Sanded; Diamond Ground or Concrete Etched 10% to knock the gloss and provide an open profile and allow penetration of the first coat.

Inspect the substrate prior to applying any coating system to ensure there are no surface defects exists. All Roof Tiles, Valleys, Ridges, and Barges should be inspected for cracks and damages and replace where required. Where Ridges and Barges are replaced, will require repointing. This should be done by a qualified roofing repairer. Cracks and damage may require some form of filling or modified paintable Silicone sealant where required. Repair as required.

Repair work (surface and crack repair, pointing) must be discussed and documented separately. Do not expect paint to successfully bridge gaps and cracks.

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**MIXING INSTRUCTIONS** Mix with hexagonal drill mixer prior to application.

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

### SPRAY

Max pressure 2500 psi. 619-621 tip.

### BRUSH/ROLLER

13-18mm Dacron Sleeve or good quality brush. If applying in hot windy conditions use Cotec Summer Retarder to assist in maintaining wet edge.

### PRECAUTIONS

Allow to cure at least 6 hours at 15oC, before subjecting to rain.

If roof is used for potable water collection, disconnect collection pipes before cleaning. After 3-5 days of drying at 15oC, rinse roof first, then reconnect.

### CLEAN UP

Water

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**APPLICATION NOTES** Use Cotec Spray Enhancer to reduce viscosity if required.  
Coverage depends on surface profile, porosity, application method and conditions.

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**THINNING** Up to 10% potable water.

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**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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