TRUEPREP HIGH BUILD AC DTM

TDS05-020

DESCRIPTION	A water borne high build anti-corrosive primer for metal substrates. Designed as self-priming, high build coating for exterior use on Steel where a high degree of corrosion protection is required. High Build AC DTM provides excellent adhesion, fast set up and corrosion protection. It can be used as a single product system for roofing and cladding requiring extended durability and corrosion protection.
TYPICAL USES	To cleaned and suitably prepared - Mild Steel - Roll formed Steel This single component coating resists corrosion, rust, and water even in most marine environments. Can be top coated Legacy Exterior Acrylic of Tuffcote WB Enamel for an extended service life for your assets, or as a standalone system.
ENVIRONMENT	Exterior
PERFORMANCE	This is a premium, single-pack, waterborne system. High film builds combined with new Anticorrosive technology deliver outstanding corrosion protection normally associated with solvent based anti-corrosive primers.
LIMITATIONS	This is a waterborne product, which is expected to be applied over clean, sound, well-degreased surfaces. Any rust must be treated with TRUEPREP RUST KILL prior to coating. Always mix well before use. Do not paint at temperatures below 10oC, or when the temperature may fall below 10oC during the drying period. Avoid painting outside if rain is imminent. Rain or dew may damage the film during the drying period.
TECHNICAL DATA	Resin: Acrylic Product Type: Anti-Corrosive Primer Solvent: Water Appearance: White Colour: White Primer: Not applicable Durability: Excellent Thining and Clean Up: Water Pack Size: 15 Litre VOC: <25 g/litre Vol Solids: 44 percent Touch Dry: 60 minutes @20°C Recoat Time: 2 Hours @20°C Number of Coats: Varies with specification. Theoretical Coverage: 5 m^2/litre/coat Wet Film Thickness: 250 microns Dry Film Thickness: 110 microns
SPREAD RATE	Standard Application: 5 - m^2/litre/coat Standard Application: 5 - m^2/litre/coat Tack coat: 10 - m^2/litre/coat Practical spreading rates will vary depending on such factors as application method, ambient conditions and surface porosity and roughness.
PRODUCT CODES	05-020.15

SURFACE PREPARATION

Galvanised Steel and Zincalume-Aged Unpainted Good

If any areas of moss or mould infestation exist, treat them with TRUEPREP GREEN KILL, following instructions on TDS. Apply by flood coating to the surface and allow a minimum of 48 hours and up to four weeks for sterilization before scrubbing or water-blasting for removal of the detritus. For heavy infestations, longer dwell time or additional applications may be required.

Clean down using TRUEPREP SURFACE CLEAN applying by pump spray or broom. Additional scrubbing will assist in the breakdown and removal of any difficult contamination. Refer to TDS for application and dilution rates. Water blast or thoroughly rinse with high volume water to remove all dirt, grease and surface contamination.

Inspect the substrate prior to applying any coating system to ensure there are no surface defects exists. Repair as required.

All areas of rust or corrosion must be abraded using wire brushes, sandpaper, or Ultra-high pressure water blast to remove so little or no corrosion is left on the surface. Treat the entire surface TRUEPREP RUST KILL to remove residual rust, white rust and remaining surface contaminants and clean the metal prior to painting. Rinse clean as per manufacturers recommendations. If the substrate is not passivated in this way, it is likely that corrosion will occur under the new paint film.

When dry immediately apply specified coating system to prevent any contamination or further corrosion.

Galvanised Steel and Zincalume-New Unpainted

Clean down using TRUEPREP SURFACE CLEAN by pump spray or brush. Additional scrubbing will assist in the breakdown and removal of any difficult contamination. Refer to TDS for application and dilution rates. Water blasting to remove all dirt, grease and contaminates.

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

All Laps and exposed overhangs, including those over guttering should be primed (or double primed if within 500m of the sea) before installation. These areas do not receive any rain-washing once installed and windblown salts and other contaminants lodge there. These are always the first areas of the roof to corrode.

Apply paint system immediately to prevent any contamination or further corrosion.

COATING TECHNOLOGIES LIMITED
10 Andromeda Crescent, East Tamaki, Auckland 2013 Ph +64 9 837 0897 www.cotec.co.nz

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Galvanised Steel and Zincalume-Previously Painted Good
If any areas of moss or mould infestation exist, treat them with TRUEPREP GREEN KILL, following instructions on TDS. Apply by flood coating to the surface and allow a minimum of 48 hours and up to four weeks for sterilization before scrubbing or water-blasting for removal of the detritus. For heavy infestations, longer dwell time or additional applications may be required.

Clean down using TRUEPREP SURFACE CLEAN applying by pump spray or broom. Additional scrubbing will assist in the breakdown and removal of any difficult contamination. Refer to TDS for application and dilution rates. Water blast or thoroughly rinse with high volume water to remove all dirt, grease and surface contamination.

Inspect the substrate prior to applying any coating system to ensure there are no surface defects exists. Repair as required.

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 bare galvanised iron and the factory applied primer, or previous coatings. Contact Cotec Technical if you have any concerns, or reference MPNZA fact sheet #44.

Any areas of rust or corrosion or where original coating is through to the metal, must be abraded using wire brush, sandpaper, or Ultra-high pressure water blast to remove so little or no corrosion is left on the surface. Treat the entire surface TRUEPREP RUST KILL to remove residual rust, white rust and remaining surface contaminants and clean the metal prior to painting. Rinse clean as per manufacturers recommendations. If the substrate is not passivated in this way, it is likely that corrosion will occur under the new paint film.

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.

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

Do not expect paint to successfully bridge gaps and cracks.
Apply coat one immediately to prevent any contamination or further corrosion.

APPLICATION

Airless spray application: Pressure 2500-full pressure psi, max. tip size 419 to 525. 100 Mesh Gun Filter

Apply one coat allowing 2 hours prior to top coating.

SPRAY
308-315,417-619 depending on surface profile.

BRUSH/ROLLER
Wooster Pro-dooz 10-13mm nap

CLEAN UP
Water

THINNING

Cotec Spray Thinner if required

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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