TRUEPREP ANTICORROSIVE EPOXY PRIMER

TDS55-700UP

DESCRIPTION	Two Component Epoxy Polyamide Zinc Phosphate Primer. Suitable for exterior or chemically aggressive environments. Excellent adhesion and provides a stong performing intermediate coat on inorganic zinc and is chromate free.
TYPICAL USES	Steel pool components (excluding Stainless Steel), Sewage Treatment Plants, Marine. Suitably prepared Aluminium and Iron substrates.
ENVIRONMENT	Marine, Plant facilities, Aquatic centres, Structural steel and General corrosive environments.
PERFORMANCE	Offers excellent resistance to corrosion and exceptional adhesion to ferrous metal substrates. Resists solvents, dilute acids and alkali attack. Is suitable as use for protecting concrete substrates in secondary containment applications. Excellent Abrasions resistance, Solvent and Chemical resistance.
LIMITATIONS	Do not apply when rain is expected , relative humidity is greater than 90% or pH of surface is greater than 10.
TECHNICAL DATA	Resin: Epoxy/Polyamine Solvent: Aromatic Ester Appearance: Mid Grey Colour: Mid Grey Durability: Excellent Thining and Clean Up: Epotec 107 Thinner Potlife: 12 hours @25 Pack Size: 4L Mixing Ratio: 4:1 Vol Solids: 50 percent Touch Dry: 2 hours @20 Recoat Time: 8 Hours @20°C Max Recoat Time: 72 Hours @20°C Number of Coats: 1 Theoretical Coverage: 6.7 m²/litre/coat Wet Film Thickness: 150 microns Dry Film Thickness: 75 microns
AVAILABLE FINISHES @60°C	**Sheen** Flat
SPREAD RATE	First Coat: 6.7 - m²/litre/coat Practical spreading rates will vary depending on such factors as application method, ambient conditions and surface porosity and roughness.
PRODUCT CODES	55-700UP

trueprep

SURFACE PREPARATION

Ferrous Metals-Previously Painted Poor
Allow for white Metal Blast Clean to AS 1627.4 or equivalent such as SSPC-SP5 standard.

Removal of all mill scale, rust, rust scale, paint or foreign matter by the use of abrasive propelled through nozzles of by centrifugal wheels. A white metal blast cleaned surface finish is defined as a surface with grey-white, uniform metallic colour, slightly roughened for form a suitable anchor pattern for coatings. The surface, when viewed without magnification, shall be free of all oil, grease, dirt, visible mill scale, rust, corrosion products, oxides, paint, or any other foreign matter.

Alternatively, SP12 Ultra-High - Pressure Water Jetting. Used for recoating or relining projects where an adequate profile exists.

If there is evidence of rust, apply our TRUEPREP RUST KILL as per our TDS for application and all PPE gear requirements.

Ensure there is no deterioration in the condition of the surfaces to be painted, between the preparation stage and the actual application of the primer.

Apply our Specified Primer immediately to prevent any contamination or further corrosion.

Ferrous Metals-New Unpainted
Thoroughly degrease and clean the surface as per AS 1627.1 standard. Apply TRUEPREP SURFACE CLEAN by pump spray or brush. Refer to TDS for application and dilution rates. Use water blasting to remove all cleaning products and contaminants.

Ensure all weld sections are thoroughly clean from weld splatter, flux and weld splatter. Weld splatter must be removed carefully by means or mechanical grinding or blasting. Ensure there are no areas of rough welding. All internal and external corners need to be grinded to provide a minimum radius of 2mm.

Abrasive blast clean to AS 1627.4 Class 2.5 or equivalent standard to achieve a blast profile of 25-45 microns. Apply our specified primer within 4 hours after blast cleaning to prevent flash rusting and other contamination.

MIXING INSTRUCTIONS

Mix part A until smooth, prior to adding Part B.

APPLICATION

Excellent Spray properties. Spray application will provide more consistent film build.

BRUSH/ROLLER
Epoxy safe brush or sleeve

CLEAN UP
Epotec 107

APPLICATION NOTES

INDUCTION TIME: 20–30 minutes once mixed.

THINNING

Epotec 107, 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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