



Dr. Fixit Primer AC

WATER BASE ANTI-CORROSION PRIMER

Description

Dr. Fixit Primer AC is a single component waterborne Anti-Corrosion Primer for Metal and Concrete substrates providing excellent adhesion and corrosion protection. It is a fast drying primer with excellent adhesion over a wide range of metal substrates.

Typical Application

- Suitable for medium to heavy duty Iron & steel corrosion protection.
- Recommended for applications over Structural steel/Mild steel/Other metal substrates/Concrete.
- Can be directly applied to the following properly cleaned and prepared substrates - Mild steel / cold rolled steel, Galvanized steel and Aluminium.

Features

- Excellent Corrosion Resistance.
- Based on Lead & Chromate-free (Green Coating) technology.
- Eco-friendly water-based system.
- Single pack, easy to use, low odour.
- Excellent resistance to water, mild acids, alkali and soluble metal salts.
- Fast drying, high scratch resistant dry film & excellent bonding for topcoat.
- Provides excellent surface bonding to various metal substrates.

Packaging 4 & 20 litres

Method of Application

GENERAL SURFACE PREPARATION

- Remove all loose paint, mill scale and rust. .
- The surface to be coated must be dimensionally stable, dry, clean and free of oil, grease and other foreign materials.
- The service life of the coatings is directly related to the surface preparation.
- Ferrous Metal: Ensure proper cleaning and sanding with 80 or 100 grit paper.
- Aluminium: Ensure proper cleaning and sanding with 400 grit paper.
- Galvanized steel: Solvent clean to remove grease and oils. If any oxidation (white rust) has formed, sand and remove all forms of contamination. If the galvanized steel has been passivated or stabilized, the surface must be abraded slightly.

APPLICATION PROCEDURE

- Stir well the contents of the paint before application.
- Dr. Fixit Primer AC can be applied as such in the supply form, using brush, roller .
- Apply 1 to 2 coats of Dr. Fixit Primer AC at a rate of 7.0 to 8.0 sq.m per litre to achieve a final DFT of 50 to 60 microns.
- The recommended dry film thickness of the primer is approximately 55 microns for optimum corrosion protection.
- Apply the desired topcoat following the recommended procedure.
- Allow adequate drying time between coats or prior to application of topcoat.
- Over-coating interval - Minimum 2 hour.



Handling Method / Precautions

- Mix thoroughly to suspend all pigments.
- Apply when product and surface temperature are above 10°C.
- Refer to Material Safety Data Sheet (MSDS) prior to use or for specific information.
- Avoid skin contact, use of gloves and safety glasses is recommended while using the product.
- Safety data sheets are available upon request

Technical Information

PHYSICAL PROPERTIES	UNITS	TEST RESULTS
Colour	Visual	Grey
Solid Content	%	Min 52
Specific Gravity	--	1.22 - 1.28
Viscosity @25°C	KU	70 -85 KU
Viscosity @25°C	ASTM D 2042	99
Flash point		Non Flammable
DFT (desired per coat)	microns	50 to 55
Coverage (@50 - 55 m dry)	Sq m per litre	7 to 8

PERFORMANCE PROPERTIES	TEST METHODS	TEST RESULTS
Adhesion	ASTM D 3359	Excellent (Mild Steel, Galvanized Steel & Aluminium)
Water Resistance	ISO 2812- 2	Excellent (no adhesion loss & blistering)
Continuous Salt spray fog test	ASTM B 117	100 hrs passes

Shelf life

- Protect the paint material from freezing,
- Keep containers closed, away from heat and flame when not in use; store in a cool & dry place.
- Shelf Life: 12 months from the date of manufacture in unopened & proper storage conditions

Other Products Categories available

Dr. Fixit brings you the widest range of Construction Chemicals



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