

# Dr. Fixit Primer AC



## WATERBORNE PRIMER FOR NONPOROUS SURFACES

### Description

Dr. Fixit Primer AC is a single-component waterborne anti-corrosive primer for galvanized corrugated roofs and non-porous substrates, such as existing ceramic tiles, vitrified tiles, marble, and granite stone/tile surfaces. Its advanced acrylic-copolymer formula provides outstanding adhesion properties to the Dr. Fixit Roof topcoat coatings.

### Typical Application

- Recommended for applications over corrugated galvanized and aluminium sheets/ Ceramic tiles/ Cement Mosaic Tiles/ Marble stone/ Granite stone tiles.

### 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.
- Strong Adhesion Strength on Hard & Smooth Surfaces.

### Method of Application

#### SURFACE PREPARATION

##### ALUMINIUM GALVANIZED SHEETS

- Clean the corrugated roof with wire wheel to remove rust, moss, paint using power tool. 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.
- Replace all metal panels with excessive rust and loss of integrity. Tighten all loose fasteners and replace stripped fasteners with an oversized version of the same fastener. Maintain the original fastening pattern design.
- Identify, measure, and mark all the metal panel seams in the roof. Tightly fasten all metal panels with seam gaps greater than 1/8" with stitch screw fasteners to reduce this gap as much as possible.
- The loose scale and rust must be mechanically removed.
- Apply joint/seam sealant along all horizontal and vertical metal panel seams and interfaces filling them entirely. Immediately after, use a spatula to smooth out the sealant material and press down any excess material towards the seam/joint leaving a band 1"-2" wide.
- Allow the sealant to cure for 72 hours or until 100% cured.
- Make sure that the roof drainage system is functioning properly.

##### NON-POROUS TILES

- Use water pressure washing to remove dirt, dust, grime, mold, mildew, and other contaminants from your tile surfaces.
- In the case non-pours tile roof surface identify all the surface imperfections, defects / unevenness / debonded tiles / broken tile on the roof profile etc should be re fixed properly.
- Fill ceramic tile, glazed tiles, porcelain tiles, vitrified & fully vitrified tiles, natural stones joints/ gaps with Roff STARLIKE or RTM epoxy grout using a hard rubber squeeze/ grout floater. Ensure that the joint is filled completely.
- Clean off the grout with damp sponge grout from tile joints and tiles within 45-60 minutes/ before the product dries.



## 2. DILUTING

- Dr. Fixit Primer AC with 10% water dilution with clean portable water, and apply with roller or brush coverage at the rate 7.0 to 8.0 sq.m per litre / coat.

## 3. APPLICATION PROCEDURE

- Stir well the contents of the paint before application.
- Apply the desired topcoat following the recommended procedure.
- Allow the primer application to dry for 4-6 hrs prior to application of topcoat.
- Over-coating interval - Minimum 2 hour.

### Precautions & Limitations:

- Mix thoroughly to achieve homogeneous consistency.
- The ideal temperature for application is between +10° C to +35° 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

PROPERTIES	TYPICAL VALUES	TEST METHOD
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 non pours substrates)
Water Resistance	ISO 2812- 2	Excellent (no adhesion loss & blistering)
Continuous Salt spray fog test	ASTM B 117	100 hrs passes

### Packaging:

20 litres

### Shelf Life & Storage

- 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: 24 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.



### Pidilite Industries Limited

Construction Chemicals Division  
Ramkrishna Mandir Road, Post Box No. 17411  
Andheri (E) Mumbai 400059 INDIA  
Tel +91-22-2835 7000 • Fax +91-22-2835 7008  
www.drfixit.co.in • info.drfixit@pidilite.com  
Dr. Fixit Advice Centre (Toll Free No.) 1800 209 5504

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