

# Dr. Fixit Raincoat 2 in 1



## FIBRE REINFORCED ACRYLIC WATERPROOF COATING FOR ROOFS & EXTERIOR SURFACE

### Description

**Dr. Fixit Raincoat 2 in 1** is an elastomeric waterproof coating that provides a seamless and tough waterproof barrier with excellent crack bridging ability that can accommodate movements due to thermal variations in the waterproofing system.

### Typical Applications

- Building Roofs / Terraces - Flat & Slope.
- Over existing cementitious waterproofing treatments like sound brick-bat coba, concrete screeds, acrylic coatings, etc.
- All types of exterior masonry surfaces, concrete, cement sand renderings, etc.

### Features

- Waterproofing- Provides excellent water resistant barrier on roof / terrace & exterior wall, increases the durability of structure.
- Tough and abrasion resistant- Suitable for light foot traffic
- Highly durable and light weight- UV resistant and needs no extra protective screed. Provides long time protection to building that are endangered due to thermal degradation
- Flexible and elastic- Accommodates movements in waterproofing system and covers and bridges hairline cracks
- Easy to apply- No need to remove the existing system. Can be brush or roller applied on vertical surfaces without sagging.
- Elastomeric High elasticity withstand stress caused by thermal expansion & contraction.
- Eco friendly- Non Toxic water based system
- Durability- Provides long time protection to building that are endangered due to thermal degradation.

### Packaging

1, 4, 10 & 20 litres

Shades Available: White, Terracotta , Grey and Dark base (for darker shades)

### Method of Application

#### 1 SURFACE PREPARATION - ROOF

- Prepare the surface thoroughly by cleaning, washing and removing dust, dirt, oil, grease and loose particles.
- In existing old terraces such as brick-bat-coba or screeds, the substrate must be checked for its soundness. Damaged or hollow portions, sharp edges, etc. must be cut and repaired with a polymer-modified mortar using Dr. Fixit Super Latex.
- All surface cracks up to 5 mm width should be filled up with Dr. Fixit Crack-X paste
- Bitumen based waterproofing treatments must be completely removed by mechanical scarification or by any other effective mechanical means.

#### 2 SURFACE PREPARATION - EXTERIOR SURFACE

- All new cement-sand renderings /concrete surfaces should be allowed to age 6 to 8 weeks before surface coating.
- Surface for treatment must be thoroughly cleaned of all laitance, loose material, oil, grease, etc. by mechanical means such as wire brushing & shot blasting. Finally vacuum cleaning of all loose solids and liquids can be done, if required.
- All surface cracks up to 5 mm width should be filled up with Dr. Fixit Crack-X paste
- Cracks more than 5 mm and all separation gaps should be filled up with Dr. Fixit Super Latex modified mortar.



#### Application Procedure for Roof (New & Repair):

- Apply one coat of Dr. Fixit Raincoat 2 in 1 (diluted with water in the ratio 2 : 1) at the rate of 7.5 to 9 sqmtr / ltr. Allow it to dry for 2-3 hours.
- Apply the first coat of Dr. Fixit Raincoat 2 in 1 at the rate of 2 to 2.2 Sqmtr / ltr / coat and allow it to dry before taking up the second coat, the rate of application being the same. This would ensure correct consumption of material that will deliver a total DFT of 500 - 600 micron.
- Minimum drying time between coats will be 4 to 6 hours.
- Allow the system to air cure for 7 days minimum.
- For Additional protection use Fibre mesh (40 gsm) after 1st coat of undiluted Dr. Fixit Raincoat 2 in 1 for additional re-enforcement or apply 3rd coat of undiluted Dr. Fixit Raincoat 2 in 1.

#### Application Procedure for Exterior Surface (New Construction):

- Apply one coat of Dr. Fixit Raincoat 2 in 1 (diluted with water in the ratio 2 : 1) at the rate of 7.5 to 9 sqmtr / ltr. Allow it to dry for 2-3 hours.
- Apply 1 coat of Dr. Fixit Raincoat 2 in 1 (Diluted 1 ltr with water upto 5%) and apply at the rate of 3.7 to 4 sqmtr / ltr. / per coat. DFT - 110 - 115 microns
- Post application of single coat of Dr. Fixit Raincoat 2 in 1, apply suitable exterior paint as per desired colour.
- If external surface is required in white colour, apply 2 coats of Dr. Fixit Raincoat 2 in 1 (Diluted 1 ltr with water upto 10%) apply at the rate of 3.1 to 3.5 sqmtr per ltr / 2 coats. DFT - 120 - 125 microns.

#### Application Procedure for Exterior Surface (Repair/Repainting):

- Apply 1 coat of Dr. Fixit Raincoat 2 in 1 (Diluted 1 ltr with water upto 5%) and apply at the rate of 3.7 to 4 sqmtr / ltr / per coat. DFT - 110 - 115 microns.

#### Precautions & Limitations: Roof

- All corners, gaps, joints, protrusions & outlets shall be coated with extra coat
- Do not apply during rains.
- Substrate MUST be in SSD condition for application of primer coat.
- The product is designed only for foot traffic and not meant for vehicular traffic. Not suitable for any machinery or equipment movement.
- To achieve the comprehensive waterproofing, all parapet walls should be covered with Raincoat 2 in 1
- All wall to floor joints must be provided with proper angle fillets prepared with polymer modified mortar using Dr. Fixit Super Latex.

#### Precautions & Limitations: Exterior Surface.

- Dilute as per recommendation.
- Apply as per recommended sqmtr area by forced coverage.
- Ensure proper surface preparation.
- Diluted material to be consume on the same day.

### Technical Information

Solid Content % (w/w)	By wt	55 - 60
Elongation at Break %	ASTM D 412 : 2002	Min 100
Tensile Strength N/ mm <sup>2</sup>	ASTM D 412 : 2002	1.5
Adhesion Strength N/ mm <sup>2</sup>	ASTM D 4541 : 2002	1.5
Crack Bridging @ 450 -500 micron	ASTM C 836: 1995	up to 2 mm
Hydrostatic Pressure	DIN 1048	5 Bar Passes
Water Absorption (%) @ 24 hrs	ASTM D471	Passes

### Coverage

- Self Priming - Coverage 7.5 to 9 sqmtr per ltr / per coat. (Dilution 50%).
- 2 coats for Roof - Coverage 2 to 2.2 Sqmtr / ltr / per coat (No Dilution).
- Single coat Exterior Surface - Coverage 3.7 to 4 sqmtr / ltr / Per coat (Dilution 5%).
- Two coat Exterior Surface - Coverage 3.1 to 3.5 sqmtr per ltr / 2 coats (Dilution 10%).

\* Coverage can vary depending on the porosity of the surface.

### Shelf Life

- Shelf life is 24 months from the date of manufacturing if stored in original and unopened packaging in a cool dry place away from direct sunlight.

### Health & Safety

- Skin Contact: Wash skin with soap & water. Remove contaminated clothes.
- On eye contact: Immediately splash eyes with plenty of water. Consult Physician if irritation persists.
- Ingestion: It is based on Water Based Coating system, however, seek medical help.

### 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

**DISCLAIMER** The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.