

# Dr. Fixit Raincoat



## ACRYLIC ELASTOMERIC EXTERIOR WATERPROOF COATING

### Description

**Dr. Fixit Raincoat** is composed of high quality acrylic emulsion polymer, uv resistant & weather durable pigments, properly selected & graded fine fillers, additives & biocides. It is used as a waterproofing & protective coating for exterior walls of the buildings.

### Typical Application

- All types of exterior masonry surfaces, concrete, cement sand renderings, etc.
- Applicable on asbestos sheets.
- As an anti carbonation coating for concrete structures

### Features

- **Flexibility** - Flexible and covers hairline cracks (up to 0.5 mm) effectively, thus prevents ingress of water.
- **Toughness** - Tough film withstands wind driven rain.
- **Ready to use** - No dilution is required.
- **Microbial resistance** - Resistance to fungus and algae hence maintains the aesthetic value.
- **UV resistant** - Resistance to UV hence coating has longer life.
- **Low dirt pick up** - Very low dirt pick up & can be cleaned easily hence maintains the aesthetics.
- **Breathability** - Permeable to water vapour.
- **Ease of application** - User friendly, easily applicable by brush, roller or spray.
- **Non toxic** - It is Eco friendly.

### Packaging

White Base - 1, 4 & 20 litre.

Mid Tone and Dark Base - 900 ml, 3.8 & 19 litre.

### Method of Application

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#### 1 SURFACE PREPARATION

- All new cement-sand renderings /concrete surfaces should be allowed to age minimum 28 days 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.
- All surface cracks up to 5 mm width should be filled up with Dr. Fixit Crack-X. Cracks more than 5 mm and all separation gaps should be filled up with Dr. Fixit Pidicrete URP modified mortar or as specified.

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#### 2 PRIMING

- Prime the surface with **Dr. Fixit Primeseal** diluted with potable water by volume in 2:1 ratio (2 parts primer and 1 part water) and allow it to dry for 2 to 3 hours

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#### 3 APPLICATION

- Use Dr. Fixit Raincoat directly from the container. Stir contents well before use.
- Apply two coats of Dr. Fixit Raincoat without dilution by brush or roller at a time interval of 5-6 hours.
- For enhanced protection, apply additional coat of Dr. Fixit Raincoat on rain lashing walls, chajjas and parapet walls.



## Precautions & Limitations

- Do not dilute Dr. Fixit Raincoat.
- Recommended to be primed with Dr. Fixit Primeseal only.
- Do not apply when ambient temperature is below 10°C or above 35°C.
- Do not apply in direct sunlight or during rains.
- Adhesion property may get affected over putty and very smooth surfaces.
- Mid tone base & Dark base shall not be applied directly as tinting is must for formulating shades.
- If the surface has excess moisture then there is possibility of blister formation in case of all liquid applied membrane coatings.

## Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Nature		Single component
Appearance		Emulsion (available in White, dark and mid-tone bases)
PH		8.0 - 9.0
Specific gravity		1.31 - 1.35
Solid content %		55.0 - 58.0 %
Elongation %	ASTM D 412-02	Min 100%
Water permeability - Depth of water penetration	BS EN 12390	6
Reduction in water penetration		68%
Rapid chloride penetration test - Penetration of chloride ion	ASTM C 1202 - 97	Very low
Algae & fungal resistance		No growth
Accelerated weathering (2000 hrs UV exposure)	ASTM D 4587	No defects
Tensile strength, N/mm <sup>2</sup>	ASTM D 412-02	1.5
Adhesion strength, N/mm <sup>2</sup>	ASTM D 4541	1
Coating thickness (2 coats DFT), microns		110
Carbon dioxide diffusion equivalent air layer thickness meter	DIN EN 1062-6:2002	55.3

## Theoretical Coverage

3.0 to 3.5 m<sup>2</sup> per litre for 2 coats\*

\*Coverage may vary depending upon the texture and porosity of the surface

## Shelf Life

Shelf life is 36 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: Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a Physician.

### Other Products Categories available

Dr. Fixit brings you the widest range of Construction Chemicals



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