

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

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.

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

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 ²	ASTM D 412-02	1.5
Adhesion strength, N/mm ²	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 m² 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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