

# Dr. Fixit Raincoat Select



## ACRYLATE WITH FLUTYNE TECHNOLOGY

### Description

Dr. Fixit Raincoat Select Top Coat is a premium waterproof finish external wall coating based on Acrylate and Flutyne technology. Suitable for cement-sand plaster and concrete walls, it offers strong adhesion, flexibility, and a high sheen. The coating resists fungus, algae, chalking, and flaking, ensuring long-lasting protection when applied with Dr. Fixit Raincoat Waterproof Coating as the basecoat.

### Specification

Confirms to SS 500:2015 Singapore waterproofing standard

### Areas of Application

- All types of exterior masonry surfaces, concrete, cement sand renderings, existing coating etc.
- Applicable on cement sheets.

### Features & Benefits

- Anti-carbonation - Effective carbon dioxide diffusion barrier protects embedded steel from corrosion
- Waterproofing - Higher film thickness provides crack bridging ability, waterproofing properties
- Flexibility - Flexible and covers hairline cracks (class A4) effectively, thus prevents ingress of water.
- Toughness - Tough film withstands wind driven rain.
- Long-Lasting Performance: Backed by a 12 -year waterproofing warranty and a 12-year warranty on color retention and film integrity.
- Elastomeric - High elasticity easily withstands stress caused by thermal expansion & contraction
- Ready to use - No dilution is required
- Microbial resistance - Resistance to fungus and algae hence maintains the aesthetic value.
- UV resistant - provides excellent color retention for a long lasting attractive finish
- Ease of application - User friendly, easily applicable by brush, roller or spray.

### Method of Application

#### 1 SURFACE PREPARATION / PRE-TREATMENT NEW SURFACES

- New plaster or masonry surfaces must be allowed to cure 8 weeks before application. Cured plaster should be hard (non-powdery) and in sound condition.
- Remove laitance (accumulation of particles on fresh concrete) with a wire brush followed by cleaning with high water pressure jet. Algae and fungus on the wall are to be removed by using bio side or fungicidal solution and cleaning the same with high-water pressure jet.
- Strip all the old paint / putty and remove all the loose particles if any before starting the painting process.
- White cement wall putty or too smooth painted surface require sanding with 180 no sandpaper using only light-to-moderate pressure for best practices. Clean the surface with a cloth dampened with water to remove sanding dust.
- All cracks up to 3 mm in width should be opened up 5mm making the V groove and fill with Dr. Fixit Crack X Paste. Apply the primer coat prepared with Dr. Fixit Crack-X Paste and water in 1:1 proportion over the crack surface. Fill cracks with Dr. Fixit Crack-X Paste when the surface is tacky and not dried completely.
- For cracks larger than 5mm and separation gaps, use polymer-modified mortar (PMM) mixed with Dr. Fixit Pidicrete URP 10 by weight of cement after making the V groove or by Dr. Fixit Polymer Modified Mortar HB
- Fill gaps around window frame and masonry wall with Feviseal Neutral Pro sealant.



## 2 MIXING

- Prior to use, mix coating at slow speed with drill and mixing paddle to ensure uniform color and texture, and to minimize air entrapment.

### FOR FRESH PLASTER SURFACE

#### Self Primer Application

- After completing the proper surface preparation and allowing the repaired areas to cure, thoroughly wash the surface and keep fresh plaster wall surface it in a saturated surface dry condition (SSD). Apply one Self - priming coat of Dr. Fixit Raincoat Waterproof Coating or Dr. Fixit Raincoat Basecoat in a 2:1 ratio with water (2 parts Raincoat Basecoat mixed with 1 part water). Maintain a spreading rate of 8-10 square meters per liter for a single coat. Allow the primer application to dry for 4-6 hours.

Note: On fresh cement wall putty surface apply a coat of Dr. Fixit Primo Putty diluted with water by 100 by volume (Dr. Fixit Primo Putty : Water 1). Maintain the spread rate 14-16 Sq.mtr/liter/coat and it cure for 3-4 hours followed by application of Dr. Fixit Raincoat Waterproof Coating or Dr. Fixit Raincoat Basecoat without dilution.

### RAINCOAT BASECOAT WITH RAINCOAT SELECT TOPCOAT APPLICATION

- Roller, Brush, spray apply one coats of Dr. Fixit Raincoat Waterproof Coating or Dr. Fixit Raincoat Basecoat without water dilution maintain the spreading rate of 3.7 - 4.2 sq. mtr per litre / (Self primer and one coat) application to achieve about 110 - 130 microns DFT. The second coat of Dr. Fixit Raincoat Select Topcoat in desired color shade with interval of 6-8 hours without any dilution. Maintain the spreading rate of 6.00- 6.40 sq. mtr per litre / coat application to achieve about 50-60 microns DFT for horizontal surfaces.

## 2 FOR PREVIOUSLY PAINTED SURFACES:

### Repainting

- Plaster/concrete surface is sound. A self-primer coat of Dr. Fixit Raincoat Waterproof Coating or Dr. Fixit Raincoat Basecoat may be omitted if the existing paint adheres well. Apply a self-primer coat if flaking or scaling is observed.

### Raincoat Basecoat with Raincoat Select Topcoat application

- Roller, Brush, spray apply one coats of Dr. Fixit Raincoat Waterproof Coating or Dr. Fixit Raincoat Basecoat without water dilution maintain the spreading rate of 4.2 - 4.7 sq. mtr per litre / coat application to achieve about 110 - 130 microns DFT. The second coat of Dr. Fixit Raincoat Select Topcoat in desired color shade with interval of 6-8 hours without any dilution. Maintain the spreading rate of 6.00- 6.40 sq. mtr per litre / coat application to achieve about 60-70 microns DFT for horizontal surfaces.

## APPLICATION INFORMATION

- Stirring: Thoroughly stir the product before use and occasionally during application to ensure color uniformity.
- Airless Spray: Raincoat Basecoat & Raincoat Select Top coat can be applied using single-component Airless sprayers at a pressure of 150 bar, with tip sizes ranging from 23 to 27 thousandths of an inch.
- Spray Equipment: Handle spray equipment with care and in accordance with the manufacturer's recommendations.
- Brush: Premium quality sizes 75 MM & 100 MM
- Roller (nap roller cover): Use "3/8"-3/4" nap a microfiber or thread paint roller.
- Permissible Temperatures During Application:
- Material: 10°C to 32°C
- Ambient: 10°C to 38°C.



### Precautions & Limitations

- Do not dilute.
- Do not apply when ambient temperature is below 10°C or above 35°C.
- Do not apply in direct sunlight or during rains or expected rain.
- Adhesion property may get affected over putty and very smooth surfaces.
- Stir well and strain before use for top coat.
- Tinted coating need thorough shaking immediately after tinter addition as well as before use.

### Technical Information

PROPERTIES	STANDARD SPECIFICATION	RESULTS
Elongation	ASTM D 412	100
Tensile strength, Mpa	ASTM D 412	2.50
Water Resistance	SS 500	passes
Water Absorption@ 24 hrs	ASTM D 417	passes
Water Vapour Transmission	ASTM D 1653	passes
Accelerated QUV @ 3000 hrs	ASTM D 4587	passes
Crack bridging Ability	EN 1062 part 7	Class A4
Positive Hydrostatic Pressure	DIN 1048	8 Bar
Anti carbonation	EN 1062 part 6	Complies
Rapid Chloride ion Penetration test	ASTM C 1202	Low
Total thickness	170 - 190 microns	

#### \*Theoretical Coverage

On normal masonry surface. The spreading capacity of this product will vary according to the roughness and porosity of the surface.

New Construction - Fresh Plaster Surface:

Step -1 Self-priming coat of Dr. Fixit Raincoat Waterproof Coating or Dr. Fixit Raincoat Basecoat with 50 water dilution coverage 8-10 sq. mtr per litre / coat.

Step 2. One coat of Dr. Fixit Raincoat Waterproof Coating or Dr. Fixit Raincoat Basecoat. Combination of Self primer and one coat of Basecoat provides a coverage of 3.7-4.2 sq. mtr per litre / coat.

Step 3. One coat of Dr. Fixit Raincoat Select Topcoat coverage of 6.0-6.4 square meters per coat.

#### Repainting:

Step 1. One coat of Dr. Fixit Raincoat Waterproof Coating with a coverage of 4.2- 4.70 sq. mtr per litre / coat.

Step 2. One coat of Dr. Fixit Raincoat Select Topcoat coverage of 6.0-6.40 sq. mtr per litre / coat. Note: · Colour shades in white, dark, and organic, additional coats may be required for the desired finish, hiding or opacity as per the Dr. Fixit Raincoat Fandek.

#### Packaging

1, 4, 10 & 20 litre

#### Shelf Life & Storage

- Shelf life is 36 months from the date of manufacturing in unopened conditions. To be stored in original and unopened packaging in a cool and dry place away from direct sunlight.



### Health & Safety Precautions

- 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



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