

# Dr. Fixit Raincoat Select



## ACRYLATE WITH FLUTYNE TECHNOLOGY

### Description

Dr. Fixit Raincoat Select is a premium waterproof top coat coating based on Acrylate and Flutyne technology. It is ideal for new or previously painted cement- sand plaster or concrete wall surface. Provides excellent adhesion, flexibility and sheen finish on exterior walls. Specifically formulated for protection against fungus, algae, chalking, and flaking, when applied as a system, i.e., Dr. Fixit Raincoat Waterproof Coating as exterior wall basecoat and Dr. Fixit Raincoat Select as top coat.

### 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.
- 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

### Priming

- After completing the proper surface preparation and allowing the repaired areas to cure, thoroughly wash the surface and keep it in a saturated surface dry condition. Then, proceed with priming using Dr. Fixit Primeseal, diluted in a 2:1 ratio with water (2 parts Primeseal 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.mt/liter/coat and it cure for 4 - 6 hours before the finish coat on the wall..

## WATERPROOF COATING APPLICATION RAINCOAT SELECT SYSTEM

- Brush apply one coats of Dr. Fixit Raincoat Waterproof Coating without any dilution Maintain the spreading rate of 4.2 - 4.7 sq mtr per litre / coat application to achieve about 100 - 120 microns DFT. The second coat of Dr. Fixit Raincoat Select in desired color shade with interval of 6-8 hours without any dilution. Maintain the spreading rate of 6.0 - 6.40 sq mtr per litre / coat application to achieve about 60-70 microns DFT. For horizontal surfaces and parapet tops application of 2 coats is recommended for better protection.

## 2 FOR PREVIOUSLY PAINTED SURFACES:

### Repainting

- For a repainting work if the surface is in sound condition then Primeseal is not required and the same covering rates of Dr. Fixit Raincoat Waterproof Coating and Dr. Fixit Raincoat Select coating to be maintained.

### Waterproof Coating application Raincoat Select System

- Apply one coats of Dr. Fixit Raincoat Waterproof Coating without any dilution Maintain the spreading rate of 4.2 - 4.7 sq mtr per litre / coat application to achieve about 100 - 120 microns DFT. Apply second coat of Dr. Fixit Raincoat Select in desired color shade with interval of 4-6 hours without any dilution. Maintain the spreading rate of 6.0 - 6.40 sq mtr per litre / coat application to achieve about 60-70 microns DFT. For horizontal surfaces and parapet tops application of 2 coats is recommended for better protection.

### 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.

Dr. Fixit Primeseal Primer : 8-10 sq mtr per litre for a single coat

Dr. Fixit Raincoat Waterproof Coating : 4.2 - 4.7 sq mt per litre.

Dr. Fixit Raincoat Select : Topcoat 6.0 - 6.40 sq mt single coat.

Dark & organic shades may require additional coat for hiding as per Raincoat fandeck.

#### Packaging

Dr. Fixit Raincoat Waterproof Coat - 1, 4 ,10 & 20 ltr

Dr. Fixit Raincoat Select (Top Coat) - 1, 4 ,10 & 20 ltr

#### 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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