

Dr. Fixit Raincoat Select



HIGH PERFORMANCE EXTERIOR WATERPROOF COATING

Description

Dr. Fixit Raincoat Select is composed of high quality acrylic emulsion polymer, light fast & weather durable pigments, properly selected & graded fine fillers, additives & biocides. It is used as a waterproofing & protective coating for exterior walls of the buildings because it forms higher film thickness. It has excellent flexibility, breathability, water & dust resistance, crack-bridging, weathering durability and an excellent resistance to the growth of micro organisms.

Specification

Confirms to SS 500:2015 Singapore waterproofing standard

Typical Application

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

Features

- **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
- **Low dirt pick up** - Very low dirt pick up & can be cleaned easily hence maintains the aesthetics.
- **Ease of application** - User friendly, easily applicable by brush, roller or spray.

Packing

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

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

Method of Application

1 SURFACE PREPARATION

New surfaces

Surface must be thoroughly cleaned, free of dust, grease etc and washed well with water. Treat any areas affected by Algae, moss or fungal growth with biocide wash solution. The surface to be checked for cracks, hollowness and loose plastered areas etc if any. All loose plaster and cracks larger than 10 mm width to be repaired with polymer modified mortar using Dr. Fixit Pidicrete URP. The cracks up to 5 mm to be treated with Dr. Fixit Crack-X Paste and the larger ones up to 10 mm with Dr. Fixit Crack-X Shrinkfree.

Priming

After the proper surface preparation and curing of repaired areas wash the surface well and maintaining it in saturated surface dry condition proceed for priming using Dr. Fixit Primeseal diluted in 2:1 ratio with water (2 parts Primeseal diluted with 1 part water). Maintain the spreading rate of 8-10 sq mtr per litre for a single coat application to achieve about 20 - 25 microns DFT. Allow it to dry for 6-8 hrs.



Coating

Brush apply one coats of Dr. Fixit Raincoat Waterproof Coating without any dilution Maintain the spreading rate of 3.5 -4.0 sq mtr per litre / coat application to achieve about 120-130 microns DFT. The second coat of Dr. Fixit Raincoat Select Topcoat to be apply with interval of 6-8 hours without any dilution. Maintain the spreading rate of 6-6.5 sq mtr per litre / coat application to achieve about 60-70 microns DFT.

2 DR. FIXIT RAINCOAT SELECT FOR REPAINTED SURFACES:

Surface preparation for painted surface

Existing substrates must be cleaned to remove all dirt, mildew and other contaminants. Treat any areas affected by Algae, moss or fungal growth with biocide wash solution. This is accomplished by pressure-cleaning equipment with a minimum capability of 100-140 bar water pressure. All grease, oils and asphalt materials must be removed completely.

In repainting Dr. Fixit Primeseal can be eliminated based on existing paint condition.

Repainting

The performance of Dr. Fixit Raincoat Select system will depend upon the condition of the existing paint. If the existing paint film is flaking or has a weak bonding with the substrate then the subsequent coat of Raincoat Select will face the adhesion problem.

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 Topcoat to be maintained.

Coating

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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 | 180-210 microns | |



Theoretical Coverage*

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

Dr. Fixit Raincoat Waterproof Coating : 3.5-4.0 sq mt per litre.

Dr. Fixit Raincoat Select : Topcoat 6-6.5 sq mt single coat.

*Coverage may vary depending upon the nature and texture of the substrate.

Shelf Life

- 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.

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.

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



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