

Dr. Fixit Raincoat Star



HYDROPHOBIC ACRYLATE EXTERNAL WALL COATING

Description

Dr. Fixit Raincoat Star is an innovative exterior wall coating formulated with advanced Acrylate technology. This technology offers superior waterproofing and water resistance, effectively guarding walls against dampness caused by heavy rain. Dr. Fixit Raincoat Star boasts a luxurious high-build finish that protects walls while preserving vibrant colors for an extended period.

Areas of Application

- Freshly plastered vertical wall surfaces
- Repainting surfaces
- Concrete wall surfaces.

Features & Benefits

- Excellent Waterproofing: High-build finish provides exceptional water resistance, keeping your walls protected.
- Ready-to-Use: No dilution required, saving time and minimizing mixing errors.
- Durable & Fade-Resistant: Protects against UV rays, preventing fading and discoloration.
- Enhanced Cleanliness: Superior resistance to dirt and algae growth for a cleaner exterior.
- Crack Coverage: Elastic film effectively bridges hairline cracks.
- Long-Lasting Performance: Backed by 7 - years waterproofing warranty and a 7-year warranty on color retention and film integrity.
- Eco-Conscious: Low VOC formula complies with environmental regulations.
- Color Versatility: Tintable and available in a wide range of colors to match your design preferences.

Method of Application

1 SURFACE PREPARATION

- New plaster or masonry surfaces must be allowed to cure for 28 days before application. The cured plaster should be hard (non-powdery) and in good condition.
- Remove any loose bonding film, dirt, peeling paint, etc. Clean the surface with a stiff nylon brush or by using high-pressure water jet cleaning.
- Microorganisms, algae, and fungus on the wall should be removed by using a high-pressure wash or a coir brush. Afterward, treat the surface with an anti-fungicidal solution.
- For wall putty and excessively smooth painted surfaces, sand the surface lightly with 180-220 number sandpaper, applying only light-to-moderate pressure. Clean the surface with a damp cloth to remove sanding dust.
- Fill all surface cracks ranging from 0.50mm to 5mm in width with Dr. Fixit Crack-X paste. For cracks wider than 5mm and all separation gaps, use Dr. Fixit Pidicrete URP modified mortar or as specified.
- If there are structural cracks in RCC members, consult a structural engineer to assess and address the structural issues.

1. For new plaster surfaces:

- Apply one coat of Dr. Fixit Primo White exterior wall primer, diluted at a 2:1 ratio with water, for new or fresh plastered wall surfaces in a surface-saturated dry (SSD) condition. Achieve a coverage rate of 10 -11 square meters per liter per coat using a paint roller or brush. Allow the primer to dry for 4 hours.
- Apply two coats of Dr. Fixit Raincoat Star without dilution, ensuring a coverage rate of 4.2-4.5 square meters per liter in two coats. Allow each coat to dry for 4-6 hours. Let the coating fully air-cure for 7 days.
- Apply an additional coat over horizontal surfaces such as the tops of windows, ledges, and parapet walls.

Note: On fresh cement wall putty surfaces, apply a coat of Dr. Fixit Primo Putty diluted with water at a 1:1 ratio (Dr. Fixit Primo



Putty 1: Water 1). Maintain a spread rate of 14-16 square meters per liter per coat and allow it to cure for 4-6 hours before applying the finishing coat to the wall.

2. For repainting:

- Apply two coats Dr. Fixit Raincoat Star, ensuring a coverage rate of 4.2-4.5 square meters per liter for both coats. Allow each coat to dry for 4-6 hours. Let the coating fully air cure for 7 days.
- Apply an additional coat over horizontal surfaces such as the tops of windows, ledges, and parapet walls.
Note: When painting the wall with a white (super pastel) shade or over a previously painted dark shade, it is recommended to apply one coat of Dr. Fixit Primo White exterior wall primer. Dilute it with water by 50% volume in a 2:1 ratio before applying the topcoat.

3. Application Information:

- Stirring: Thoroughly stir the product before use and occasionally during application to ensure color uniformity.
- Airless Spray: Raincoat can be applied using single-component Airless sprayers at a pressure of 150 bar, with tip sizes ranging from 21 to 23 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.
- Thinning: Do not thin the coating

Precautions & Limitations

- Stir well and strain before use.
- Not Recommended on Lime wash.
- Do not apply during rain, fog, mist or when ambient temperature falls below 10°C or if the temperature might drop to this level within 4 hrs of application. Similarly, in case of extremely hot conditions where the surface temperature is more than 36° C, do not apply the product. Cool down the surface temperature by watering the area and then apply.
- To ensure optimal performance of the coating, address both excess bird droppings and avoid intermittent water dripping near the chajja top and ledge wall. Continuous water dripping from air conditioning units, plant pots, or inadequate slope on these surfaces can deteriorate the coating. Take appropriate action to prevent these issues.
- Do not dilute Dr. Fixit Raincoat Star with water and over-extend the Roller / brush.
- pH of wall to be below 12
- The coating will not cover existing cracks. Proper care should be taken to ensure that the cracks are filled with Dr. Fixit Crack X paste first, followed by the application of the topcoat coating.
- Tinted paints need thorough shaking immediately after tinter addition as well as before use.
- Ensure that Dr. Fixit Raincoat Star tinted coating is consumed within 30 days from the time it was tinted.
- Adhesion property may get affected over putty and very smooth surface, recommended to use Dr. Fixit Primo Putty primer.
- Rising dampness & efflorescence salts from external ground level can cause paint peeling, blistering. Find out the source of the water and address it before painting.



Technical Information

PHYSICAL PROPERTIES	TEST METHOD	RESULTS
Physical appearance	Visual	White Acrylic Emulsion
Elongation %	ASTM D 412	≥ 100
Tensile Strength, N/mm ²	ASTM D 412	≥ 3.5
Crack bridging, mm	EN 1062-7-2004(A)	1
Adhesion strength, N/mm ²	ASTM D 4541	≥ 2
Algae Resistance	ASTM G 29-2021	Pass
Resistance to Chloride Ion Penetration, Coulombs	ASTM C 1202-2022	862
Time of Surface Drying	ASTM C 1640	30 Minutes
Time of Re coating	ASTM C 1640	4 hrs.
Alkali Resistant	SS 5 Part G2-2003	Pass, No appreciable colour difference after the test
Gloss at 60 degrees GH	ASTM D 523-2014	5-10
Dry Film Thickness	Microns	90 -110

The values in the above table are obtained in controlled lab conditions when tested properly by competent laboratory. Note: Tolerance up to 5% on the lower side of the above values is allowable.

***Theoretical Coverage**

On smooth surface with low porosity: * 4.2-4.5 m²/Ltr/2 coats

On rough-textured plastered surfaces: *3.7- 4.2 m²/Ltr/2 coats

Note: Actual coverage may vary from the quoted coverage due to factors such as the method and condition of application, surface roughness, and porosity. It is recommended to conduct a coverage trial before finalizing the paint requirement.

Packaging

White Base	1, 4 & 20 litre
Mid Tone	950 ml, 3.8 & 19 litre
Dark Base	950 ml, 3.8 & 19 litre
Yellow Base	950 ml, 3.8 & 19 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.
- Recommended temperatures of (10°- 30°Celsius) for storage of Dr. Fixit Raincoat Star and anything below 10°Celsius and above 30°Celsius is certainly not recommended.
- Store the container with the lid tightly closed in an upright position, in a cool, dry place.



Health & Safety Precautions

- Skin Contact: Wash skin with soap & water. Remove contaminated clothes.
- In case of skin contact immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Consult Physician if irritation persists.
- Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a Physician.
- Protection: Use personal protective equipment like gloves, goggles for eye protection and face mask.
- Kindly refer to the MSDS for Dr. Fixit Raincoat Star which gives detailed information on safety measures while handling the paint, which is available on request.
- Keep out of reach of children and away from eatables.
- May be harmful if swallowed. In case of ingestion, seek immediate medical attention.

Other Products Categories available

Dr. Fixit brings you the widest range of Construction Chemicals



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