

Dr. Fixit Raincoat Neo



HIGH BUILD WATERPROOF ACRYLATE COATING FOR EXTERIOR WALL

Description

Dr. Fixit Raincoat Neo, is decorative and waterproof exterior wall coating, features advanced Acrylate copolymer technology. It protects against moisture damage, preventing blistering and peeling. With excellent hiding power and even spreading, delivers a lasting smooth finish. Its non-dilution simplified application provides long-lasting performance.

Areas of Application

- New plaster/Fresh Concrete
- Repainting

Features & Benefits

- Waterproofing - More durability and a thicker coat than ordinary exterior paint.
- UV protection - Provides complete weather protection from heat and rain.
- Anti-algal resistance - Keep your walls fresh for longer time.
- Crack bridging - Elastic film covers hair line cracks.
- Ready to use - No dilution is required hence ensures desired film thickness built-up without affecting the performance.
- Ease of application - User friendly, easily applicable by brush, roller or spray.
- Toxicity - Low Voc.
- Long term protection - 5 year performance warranty.
- Color Variants - Tintable; available in wide range of colour variants.

Method of Application

1 SURFACE PREPARATION

- New plaster or masonry surfaces must be allowed to cure (28 days) before application. Cured plaster should be hard (non-powdery) and in sound condition.
- Clean the surface with stiff nylon, wire brushing followed by high pressure water jet cleaning. Algae and fungus on the wall to be removed, by using high-pressure wash or coir brush and shall be treated with fungicidal solution.
- Wall putty and too smooth painted surface require sanding with 180 /220 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 all window frame joints/gaps between window frame and masonry wall are sealed with FeviSeal Weatherproof PRO sealant.
- In case there are structural cracks, please study and repair them with a structural engineer.

2 APPLICATION

For New Plaster surface:

- Apply one coat of Dr. Fixit Primo White, external wall primer with 50% dilution in the ratio of 2:1 water for fresh plaster wall surface in surface saturated dry condition (SSD) with the coverage at the rate 10-11 m² / Ltr/coat with Roller / brush. Allow the primer to dry for 4 hours. Special note - When Dr. Fixit Primo white is unavailable, mix Dr. Fixit Raincoat Neo white base with a 50% dilution of water in a 2:1 ratio for fresh plaster walls in SSD condition, covering 8-10 m² per liter per coat.



- Apply two coats of Dr. Fixit Raincoat Neo without dilution, ensuring a coverage rate of *3.7 - 4.1 m² /Ltr/2 coats with Roller / brush to achieve DFT of 90 - 100 microns. Allow each coat to dry for 4-6 hours. Allow 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 putty surfaces, apply a coat of Dr. Fixit Primo Putty primer diluted with water at a ratio of 1:1 (Dr. Fixit Primo Putty 1: 1 Water). Maintain a spread rate of 14-16 m² /Ltr/ coat and allow it to air cure for 4-6 hours before, followed by application of 2 top coats of Dr. Fixit Raincoat Neo.
- Apply additional coat over horizontal surfaces like the top of windows, ledges, parapet wall, etc. Allow the coating to full air cure for 7 days.

For Repainting

- Apply two coats of Dr. Fixit Raincoat Neo without dilution, ensuring a coverage rate of * 3.7 - 4.1 m² /Ltr/coat with Roller / brush to achieve DFT of 90- 100 microns. Allow each coat to dry for 4-6 hours. 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. Special note - When Dr. Fixit Primo white is unavailable, mix Dr. Fixit Raincoat Neo white base with a 50% dilution of water in a 2:1 ratio, covering 8-10 m² per liter per coat.
- Apply additional coat over horizontal surfaces like the top of windows, ledges, parapet wall, etc. Allow the coating to full air cure for 7 days.

3 APPLICATION INFORMATION

- Stirring: Thoroughly stir the product before use and occasionally during application to ensure color uniformity.
- Airless Spray: Raincoat Neo 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
- Permissible Temperatures During Application:
 - Material: 10°C to 32°C
 - Ambient: 10°C to 38°C

Precautions & Limitations

- Use Raincoat Neo directly from the container.
- Stir contents well before use.
- Do not dilute Dr. Fixit Raincoat Neo.
- Recommended to be primed with Dr. Fixit Primo White only for fresh plaster / concrete wall surface
- Tinted paints need thorough shaking immediately after tinter addition as well as before use. Ensure that Dr. Fixit Raincoat Neo tinted coating is consumed within 30 days from the time it was tinted.
- Do not dilute Dr. Fixit Raincoat Neo 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.
- 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 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.
- In humid areas, use of a bio-wash solution is recommended to remove surface fungus growth, fungal spores, mould etc. Before application of the external wall coating.
- This product shall be applied over exterior masonry surface only.

Technical Information

TEST	STANDARD	RAINCOAT NEO
Film Appearance	Visual	Smooth & uniform
Viscosity	ASTM D1084	95 to 115 KU
Elongation (%)	ASTM D412	≥ 100
Tensile Strength ,MPa	ASTM D412	≥ 2.0
Pull off adhesion, Mpa	ASTM D4541	≥ 1.5
Coating thickness microns		90-100
Accelerated Weathering 2000 Hrs	ASTM D 4798-2011	Passed {No visible loss of gloss, blistering, cracking & chalking}

Theoretical Coverage*

Vertical Surface: * 3.7 - 4.1 m²/ltr/2 coats

**Actual coverage may vary from the quoted coverage due to factors such as method and condition of application and surface roughness and porosity. It is recommended to do 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.
- Recommend temperatures of (10°- 30°Celsius) for storage of Dr. Fixit Raincoat Neo and anything below 10°Celsius and above 30°Celsius is certainly not recommended.

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: Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a Physician.
- Protection: Use personal protective equipment’s like, gloves, goggles for eye protection and face mask.



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