

Dr. Fixit Raincoat 2 in 1



Description

Dr. Fixit Raincoat 2-in-1 is an elastomeric waterproof coating that provides a seamless and tough barrier for exterior vertical walls, Parapet wall and terrace roof surfaces. Formulated with acrylate polymers and reinforcing polyester fibers, it offers excellent crack-bridging ability to accommodate movements due to thermal variations.

Typical Applications

- Building Roofs / Terraces - Suitable for flat and sloped roofs over existing cementitious waterproofing treatments such as sound brickbat coba or concrete screeds, mortar.
- External Walls - Applicable on freshly plastered or concrete walls, or during repainting with selected shades.

Features

- Waterproofing- Provides excellent water resistant barrier on roof / terrace & exterior wall
- Tough and abrasion resistant- Suitable for light foot traffic
- UV resistant no extra protective screed.
- Flexible and elastic- Accommodates movements in waterproofing system and covers and bridges hairline cracks
- Easy to apply- No need to remove the existing system. Can be brush or roller applied.
- Eco friendly- Non Toxic water based system
- Durability 5-year waterproofing warranty for terrace roof for Fresh painting on external wall and re-painting.
- 10-year waterproofing and paint performance warranty for external wall where with Raincoat 2-in-1 as (basecoat) and Dr. Fixit Classic Top Coat is applied.

Method of Application

1 SURFACE PREPARATION - ROOF

- Ensure the terrace roof or external wall substrate is pressure-washed with water at a minimum working pressure of 1,400 psi to remove all dirt, dust, chalking, and waste products.
- Ensure that the roof slope have a minimum of 1 in 80 or 100 is already provided.
- Ensure there is a 1 water drain outlet of minimum 100 mm dia for 500 Sq.ft floor area and gaps around pipe inserts should be sealed properly with polymer modified mortar.
- In existing old terraces such as brick-bat-coba or concrete screed, Plaster surface, the substrate must be checked for its soundness. Damaged or hollow portions, sharp edges, etc. must be cut and repaired with a polymer-modified mortar mixed with Dr. Fixit Super Latex.
- Stagnant water due to undulation in the roof surface should be marked and repaired with polymer-modified mortar mixed with Dr. Fixit Super Latex 5 by weight of cement in ratio of 1:3 in proper slope. Moist wet curing must be done up to 3-4 days.
- Penetration points, rainwater outlets, should be repaired with polymer-modified mortar mixed with Dr. Fixit Super Latex.

2 CRACK REPAIR - ROOF

- Hair-line cracking >0.50mm in width and not giving hollow sound should be cut and widen with mechanical cutter up to 5mm in width.
- Clean cracks, of dust, residue or other contamination with clean water and fill prepared cracks with Dr. Fixit Crack X Paste . Allow the sealant to air cure for 24 Hrs.

WATERPROOFING APPLICATION - ROOF

- Stir well prior to application
- Apply a coat of Dr. Fixit Raincoat 2 in 1 (diluted with 50% water in the ratio 2:1) as Self-Priming 7.5 - 9.0 Sq.mtr / litre/coat. Allow coating to dry for 4 hours.



- Apply the first coat of Dr. Fixit Raincoat 2 in 1 at the rate of 2.0 to 2.2 Sqmtr / ltr / coat and allow it to dry before taking up the second coat, the rate of application being the same. Terminate the Dr. Fixit Raincoat 2 in 1 waterproof coating at least 300 mm above the wall (parapet) to ensure adequate Protection . This would ensure correct consumption of material that will deliver a total DFT of 450 - 500 micron.
- Drying time between coats will be 4 to 6 hrs.
- Allow the system to air cure for 7 days minimum.

Note

- For additional protection of terrace roof waterproofing, after applying the self-primer (diluted with water in a 2:1 ratio), apply the first undiluted coat of Dr. Fixit Raincoat 2-in-1. While the first coat is still wet, embed 45 GSM glass fibre mesh and allow it to air cure for 4-6 hours.
- Subsequently, apply the second and third undiluted coats of Dr. Fixit Raincoat 2-in-1 in perpendicular directions (at 90° to each other).
- With the additional coat and mesh reinforcement, the material consumption will be approximately 1.5 litres/ m², achieving a dry film thickness (DFT) of 700-750 microns..

POST APPLICATION

- Conduct pond test after 7 days, Stagnated water up to 50mm height for 24 hrs.

SURFACE PREPARATION - EXTERNAL WALL

- Before painting external wall make sure the surface is washed with clean water to remove dust, dirt, chalking, flaking and peeling paint etc.
- All new cement-sand renderings /concrete surfaces should be allowed to age 6 to 8 weeks before surface coating.
- Hair-line cracks >0.50mm in width and not giving hollow sound should be cut and widen with mechanical cutter up to 5mm.
- Clean cracks, of dust, residue or other contamination with clean water and fill prepared cracks with Dr. Fixit Crack X Paste . Allow the sealant to air cure for 24 Hrs.
- Repair cracks between the bottom of RCC beam and top of masonry wall with polymer-modified mortar mixed with Dr. Fixit Super Latex 5% by weight of cement.

Application Method Statement - Fresh Plaster wall surface:

Self-Primer Coat

- Apply a self-primer coat of Dr. Fixit Raincoat 2-in-1, diluted with 50% water, on fresh plaster surfaces, Coverage: 7.5 to 9.0 sq. m/L/ coat allow the coating to dry for 2-3 hours

Waterproof coating

- Apply one coat of Dr. Fixit Raincoat 2-in-1, diluted with 10% water dilution. At the Coverage of 3.5 to 4.0 sq. m/L /coat to achieve a dry film thickness (DFT) of 100-130 microns. Use selected pastel shades in the white base. Note: Product can be tinted in selected pastel shades.

Topcoat Options

- Option A: Apply a suitable exterior paint in the desired color, following the manufacturer's instructions.
- Option B: Apply Dr. Fixit Raincoat Classic Topcoat in the desired shade without dilution, over the Raincoat 2-in-1 base coat after an interval of 4-6 hours, Coverage at the rate 6.0 to 6.4 sq. m/L per coat.
- Allow the entire coating system to air cure fully for 7 days before exposure to water or weathering.

Application Method Statement - Re Painting external wall surface

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Precautions & Limitations

- All corners, gaps, joints, protrusions & outlets shall be coated with extra coat of Dr. Fixit Raincoat 2 in 1
- Do not apply during rains.
- Substrate MUST be in SSD condition for application of primer coat.
- The product is designed only for foot traffic and not meant for vehicular traffic. Not suitable for any machinery or equipment movement.
- To achieve the comprehensive waterproofing, all parapet walls should be covered with Raincoat 2 in 1
- All wall to floor joints must be provided with proper angle fillets prepared with polymer modified mortar using Dr. Fixit Super Latex.
- Apply as per recommended sqmtr area by forced coverage.
- Diluted material to be consume on the same day.

Technical Information

Solid Content % (w/w)	By wt	55 - 60
Elongation at Break %	ASTM D 412 : 2002	Min 100
Tensile Strength N/ mm ²	ASTM D 412 : 2002	2-3
Adhesion Strength N/ mm ²	ASTM D 4541 : 2002	1.5
Crack Bridging @ 450 -500 micron	ASTM C 836: 1995	up to 2 mm
Hydrostatic Pressure	DIN 1048	5 Bar Passes
Water Absorption (%) @ 24 hrs	ASTM D471	Passes

Coverage

Terrace Roof as Top Coat

Self-Priming with Raincoat 2 in 1 - Coverage 7.5 to 9.0 sq. mtr per Ltr / per coat. (Dilution 50%).

2 coats Raincoat 2 in 1 - Coverage 2.0 to 2.2 Sq. mtr / Ltr / per coat (No Dilution).

NEW CONSTRUCTION - FRESH PLASTER / CONCRETE VERTICAL WALL SURFACE:

Self-Priming with Raincoat 2 in 1 - Coverage 7.5 to 9.0 sq. mtr per Ltr / per coat. (Dilution 50%).

Single coat Raincoat 2 in 1 - Coverage 3.5 to 4.0 sq. mtr / Ltr / Per coat (Dilution 10%).

Single coat Raincoat Classic Top Coat - Coverage 6.0 to 6.4 sq. mtr per Ltr / 1 coats (No Dilution).

External Plaster / Concrete wall Re painting

Single coat Raincoat 2 in 1 - Coverage 3.5 to 4.0 sq. mtr per Ltr / coat (Dilution 10%).

Single coat Raincoat Classic Top Coat - Coverage 6.0 to 6.4 sq. mtr per Ltr / coat (No Dilution).

Packaging

1, 4, 10 & 20 litres

Shades Available: Ready to use shades White, Terracotta, Grey. * in White base can be tint with select pastel shades.



Shelf Life

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

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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