

WATERPROOF COATING (WATERPROOFING ALL-ROUNDER)

Description

Dr. Fixit Sureseal is single component specially designed waterproof protective coating that prevents damp patches on Internal & External walls & Roof of building. When cured forms breathable, very tough yet elastic film which develops strong bonding to damp surfaces and does not allow water to pass through. Dr. Fixit Sureseal is tintable may be applied over previous exterior coatings in sound condition.

Areas of Application

- Waterproof coating for internal walls affected with dampness.
- Masonry walls that are adjacent to bathrooms, kitchens.
- Patch work coating for Roof, Parapet walls and chajjas.

Features & Benefits

- Quick dry time cut your re coat time to half.
- Excellent adhesion to damp substrate.
- Waterproof coating for damp patches on internal walls.
- Waterproof and stop leaks designed for patch work in terraces.
- Custom tints in pastel shades.
- Easy to apply product, comparatively faster drying, allowing for quick work completion.

Methods of Application

1 SURFACE PREPARATION

- All new cement-sand renderings/ plaster surfaces should be allowed to cure by 8 weeks before application.
- Remove the existing putty till plaster level in the affected areas covering an additional one ft distance across all sides.
- Ensure that the surface is free from efflorescence before application.
- If the surface under the existing paint is weak and should be stripped, and removed with repeated cleaning process.
- All Non- structural hairline cracks must be cleaned and filled with Dr. Fixit Crack-X Paste and allowed to air cure for 24 hrs.
- Take care of leakages in concealed pipes or all other sources of water, prior to application of the product.
- Very weak plaster must be replaced with new one.
- For repairs to weak plaster brush apply a single coat of Dr. Fixit Pidicrete URP over the Brick masonry clean surface as bond coat in the ratio of 1:1 (URP: Cement) by volume and repair the surface by preparing polymer modified mortar by adding Dr. Fixit Pidicrete URP 10% by weight of cement in the ratio of 1:3. Apply polymer modified mortar when the bond coat of Dr. Fixit Pidicrete URP is in wet condition. Allow the plaster to cure for 7 days.
- Active sources of water leakage need to be treated before application of Dr. Fixit Sureseal.

2 DETECT MOISTURE CONTENT IN THE INTERNAL WALLS

- Check the moisture in plaster, brick or concrete walls with digital moisture meter to measure moisture content before application of Dr. Fixit Sureseal.
- Most pin-type moisture meters when using over the concrete % MC reading can range from 0% to 100% in moisture content. Generally, the low end of this reading will fall below the 5 to 6% range and moderate range will be 7 to 25% and the high or saturated range will read above 25%.
- Dr. Fixit Sureseal is recommended if the display icon reading in yellow or moisture content is less than 25%.
Note - It is important to consult Dr. Fixit technical expert in case wet / rising wall dampness and if moisture in plaster and concrete shows more than 25%.



3 INTERNAL DAMPNES - RENOVATION

- Ensure plaster surface is thoroughly clean with strong brush. Sand the surface with sand paper 180 and wipe it clean
- Apply two coat of Dr. Fixit Sureseal without any dilution maintaining the spreading rate of 4 to 5 Sq.mtrs /kg / coat. Allow the first coat to dry for 2-3 hours before applying the 2nd coat at 90° to the first coat spreading at the same rate to achieve total dry film thickness of 150 - 170 microns at forced coverage.
- Apply white cement based premium quality putty by adding Dr. Fixit Pidicrete URP 5% by weight of cement after the Sureseal application or can be left expose. There is no need to sand the surface with emery paper Sureseal coating before application of white cement based putty.
- Apply suitable internal wall paint for the effaced area after 4 days of the application of white cement putty.

4 EXTERIOR - VERTICAL AND HORIZONTAL AREAS APPLICATION

- The substrate must be checked for soundness non-structural cracks of up to 5 mm should be treated with Dr. Fixit Crack - X Paste. All damaged portions need to be repaired with PMM. Ensure application is done on properly prepared surface.
- Apply two coat of Dr. Fixit Sureseal without any dilution maintaining the spreading rate of 4 to 5 Sq.mtrs /kg / coat. Allow the first coat to dry for 2-3 hours before applying the 2nd coat at 90° to the first coat spreading at the same rate to achieve total dry film thickness of 150 - 170 microns at forced coverage.
- Dr. Fixit Sureseal can be tinted in the desired shades. Allow the coating to air cure for 4 days.

Precautions & Limitations

- Do not dilute "Dr. Fixit Sureseal".
- All corners, gaps, joints, protrusions & outlets shall be coated with extra coat.
- Always cover an area larger (minimum 2 Sft for internal walls & 5 Sft on either side for external walls and Roof).
- Please ensure that all the pores, corners and joints of the walls are filled with the coating during brushing
- Do not apply when ambient temperature is below 10°C or above 35°C.
- Damp patch/patches at ground level or close to the ground could be caused by rising damp due to high ground water level, A Damp proof coating with suitable polymer re plastering is required on the external wall of the damp and internal walls to protect it from water.
- Do not apply Dr. Fixit Sureseal over surface affected with efflorescence.
- In case of severe leakage in pipes or the tile joints of the wall adjoining bathroom / kitchen, have a plumber identify the source and repair it before treating the internal wall
- Patch repair on roof & external walls provides temporary relief. Ideal recommendation solution is to go for comprehensive waterproofing on entire surface.

Technical Information

PROPERTIES	TEST	RESULTS
Physical appearance	Visual	White Acrylic Co Polymer
Tensile Strength, N/mm ²	ASTM D 412	≥ 2
Crack Bridging, mm	EN 1062	1
Adhesion strength, N/mm ²	ASTM D 4541	1.5
Water permeability with system @3bar	EN 12390	Nil
Time of Surface Drying	ASTM C 1640	30 Minutes
Time of Re coating	ASTM C 1640	2-3 hrs.
Rainwater resistance -kpa @4 hrs.	Visual	Excellent No attrition

Theoretical Coverage*

Minimum coverage: 2 to 2.5 Sq.mtrs/kg/ in two coats to achieve a DFT of 150 - 170 microns.

Packaging

1, 5 & 20 kg

Shelf Life & Storage

Shelf life is 24 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°- 35°Celsius) for storage of Dr. Fixit Sureseal 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: 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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