

OVERVIEW

- Since building construction activity has gained enormous uplift, it is known fact that the whole construction activity has been commercialized.
- Repercussion of which are drasting and uncontrollable One of these is "LEAKAGE" - infect it is a LEAKAGE. To overcome leakage problems, many conventional methods are prevailing in the market, but these treatments have not proved to be result oriented due to which waterproofing still remains a "pressing" problem.

PROPERTIES/ADVANTAGES

RANSPOXY-SLF, an semi -liquid flowable Waterbased epoxy system, high solid two components Epoxy based [i.e. Resins & Hardener] and loaded with basic fillers & extenders, air drying systems, specially formulated to fill cracks, voids, pin-holes and joints.

RECOMMENDED USES

RANSPOXY-SLF is used as a putty/gel coat on the following structures:

- RCC, PCC, & CC Structures
- Highly need for STP Tanks, Ph. Value works.

INSTRUCTIONS FOR USE

The application temperature should be between 15°C to 45°C. Application procedures may vary slightly depending upon site conditions. The general recommended guidelines for the application of the waterproofing system are as follows:

WATERPROOFING OF DAMP WALLS BY **RANSPOXY-PMR250** & **RANSPOXY-SLF**:

RANSPOXY-PMR250 & **RANSPOXY-SLF** is an Waterbased Epoxy Resin system and is two pack components (i.e. Resin and Hardener), wherein "**RANSPOXY-PMR250**" is to be treated as prime coat as it has Brushable consistency and "**RANSPOXY-SLF**" as putty as loaded with required fillers to stop the dampness of internal walls . Moreover, our technical information's and recommendations contained herein are based on reliable test and accepted to be ultimate solutions to any raising dampness of masonry surfaces (walls).

- Remove the old existing layers of paint to the original laser surface by chipping and clean the loose particles of sand & cement and clean the same adequately by plenty of water.
- If on plaster the cracks are seen by naked eyes than shape the same in "V" shape by proper chipping. And the surface should be clean by wire brush followed by water if required.
- Mix "**RANSPOXY-PMR250**" both the parts in equal proportions by volume by giving stirring for 2 - 3 minutes and apply coat with painting brush . Clean the brush with plenty of water for further use. Allow the prime coat to cure for minimum 5 - 6 hrs. at 35°C.
- On curing of prime coat , mix "**RANSPOXY-SLF**" with equal proportions and apply the same on entire surfaces with minimum 1.5 - 2.0 mm thickness. Allow to cure the putty for 3 - 4 hrs. at 35°C.
- On complete curing of the system cited above, normal painting can be carried out.

Here the first coat shall give adequate bond in between Plaster and "**RANSPOXY-SLF**" shall fill up the cavity of small hair cracks along with even level of surface. Moreover "**RANSPOXY-PMR250**" shall cover 50 - 60 Sq.ft. Per single coat and "**RANSPOXY-SLF**" shall cover 25 - 30 Sq.ft. per 1.5 - 2.0 mm thickness.

PRECAUTION:

Mix only the required quantity of **RANSPOXY-PMR250** and **RANSPOXY-SLF**, which can be utilize within stipulated pot-life period to avoid solidification.

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Wash all tools and tackles with ample of water immediately after application is completed.

HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

PACKGING & STORAGE

RANSPOXY-SLF is packaged as per given details in Technical Data:-

Self-life	12 months when stored in tightly sealed containers below 35.C
Packaging	20 kgs, 5 kgs, 1 kgs, 1/2 kgs.
Storage	Material should be stored in an enclosed area and away from direct sunlight and heat.

FIELD OF APPLICATION of RANSPOXY -SLF:

APPLICATION ON BATHROOM/TOILETS	Join between glazed tiles be filled in with the readymade putty “RANSPOXY-SLF” instead of filling it with cement. The putty shall have an excellent bonding and being epoxy based shall with stand acid washes. Joints of W.C.Pan and ‘Nani Trap’ be coated with putty “RANSPOXY-SLF”.
APPLICATION ON DOOR /WINDOW/ALUMINUM SECTION	The gap between the wooden frames (door/windows) or Aluminum section and the cement surface can be bridged with readymade putty “RANSPOXY-SLF”. his will prevent the water penetration to the room.
APPLCATION ON DAMP SURFACES: (Flooring & walls)	We recommend “RANSPOXY-PMR250” as a primer coat, which being Waterbased Epoxy Resins system shall take care of dampness or moistures presents in the concrete surfaces. For more strength, cracks, even level of surface - Epoxy putty “RANSPOXY-SLF” shall be coated with min.2 mm thickness.
APPLICATION TO FILL CRACKS	Cracks and void developed on terraces/water tanks/building structures can be successfully filled in by applying prime coat of RANSPOXY-PMR250 in the crack and after two hours the joints/voids can be bridged with RANSPOXY-SLF.
APPLICATION TO TREAT EFFLORESENCES/LATENCES	Clean the surface with wire brush to remove effloresces and latencies. Wash the entire surface with water and wait till dried. Apply prime coat of RANSPOXY-PMR250. On curing of prime coat (after 2 - 3 hrs.) apply 2mm thick putty of RANSPOXY-SLF and when dried, paint the surface.
APPLICATION ON ASBESTOS SHEET	On the joints/cracks of asbestos sheet, directly apply RANSPOXY-SLF .Moreover, on the junction (i.e. the asbestos sheet and the building structure) apply one coat of DP -250.On curing of primer apply RANSPOXY-SLF with min.2 mm thickness, which shall fill up the cracks.

**TECHNICAL
DATA**

Product	Two Part Self-Leveling Putty/Gel.
Finish	On complete curing.....OFF WHITE.
Ratio	Resin part 1.0 pbv 1.0 pbw Hardener part 1.0 pbv 1.0 pbw
Viscosity of mix	Thick paste can add Grey cement at site If more viscosity required
Coverage of mix	Vary as depending on application.
Pot-life of mix	45 - 50 min. at 35`c
Curing	Gets completely cured at room temp. Min 12 hrs.
Service Temperature	+15°C to +45°C

PICTURES/IMAGES AT GLANCE



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