

NEROLAC PERMA

DAMP GUARD-EP

Highly effective water based epoxy waterproof coating for internal, external walls, ceiling, rcc water tanks and swimming pools.

DESCRIPTION

Damp Guard- EP is a two component water based epoxy coating product highly useful in arresting leakages in walls, ceiling, RCC structures and rising dampness in internal walls. It is a user-friendly and easy to use. The coated area exhibits hydrophobic characteristics.

APPLICATION

- Highly effective in arresting rising dampness.
- Waterproofing of RCC structures, water tanks and swimming pools etc.
- Walls and ceiling waterproofing.
- Waterproofing of toilets, lift pits, kitchen.
- Primer for paint on internal and external surfaces.
- Waterproofing of hygienic structures like hospitals, pharmaceutical and food processing industries and hatcheries.

ADVANTAGES



Based on water dispersible epoxy hence can be diluted and washed away with water.



It is economical when compared with conventional epoxies.



It is water based hence zero VOC and is environment friendly.



The film formed is tough and has strong adhesion to all building materials.

DIRECTIONS FOR USE

SURFACE PREPARATION:

- Remove the plaster from the leaky surface and clean the area to remove all dust, dirt and deleterious materials. For treating a crack chase the crack in to a V shaped groove about 10 mm wide and 5 mm deep.

PRIMING:

- Brush apply one coat of primer prepared by mixing one part base one part reactor and one part water to the surface to be treated, or the sides of the crack to be treated and allow it to dry for 6 to 8 hours.

CRACK FILLING:

- Mix the base and the reactor components in equal proportion and add white cement and mix it thoroughly to obtain a neat soft consistency paste. Apply this paste to fill the crack completely and evenly. Allow this paste to cure fully for 24 hours before subsequent treatment.

WATERPROOFING TREATMENT:

- After the primer has dried, mix the base and the reactor components of Damp Guard- EP and water in the proportion of 1:1:1 to obtain a uniform consistency and brush apply this onto the primed surface evenly to cover the surface effectively. In demanding situation apply two or more coats. Allow this to dry for 24 hours before application of cement sand render.

PROPERTIES

Material	: Two component water dispersible epoxy
Mixing Ratio	: 1 : 1 : 1 Base : Reactor : Water
Pot Life	: 60 minutes at 30°C
Touch Dry	: 4 Hours
Recoat Time	: 6 To 8 Hours
Initial Cure	: 24 Hours
Final Cure	: 7 days

COVERAGE

Damp Guard- EP when applied as a coating gives a coverage of 3.7 m² per kg per coat.

PACKING

Damp Guard- EP is available in 1 Kg, 2 Kg and 20 Kg packing.

SHELF LIFE

Damp Guard- EP has a shelf life of 12 months from the date of manufacture if stored in a cool and dry place.

DISCLAIMER

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