



DAMPCOAT

Anti-efflorescent coating

Description

DAMPCOAT is an acrylic liquid membrane based on nano technology which have excellent resistance against water, alkali, algae and efflorescence. DAMPCOAT is a single component water based coating formulated with selected elastic and acrylic polymer. It built proper thickness and a seamless, durable membrane and excellent protection against efflorescence. It can be applied over new concrete surface or on old concrete surface after cleaning surface to sound base. It can be used for priming all the mortar joints bricks/ blocks before application of decorative paints.

Uses

- All exterior masonry surface subjected to water ingress
- Building roofs / terraces , parapets sunshades and exterior wall areas
- Priming and sealing substrate asbestos, false ceiling, concrete surfaces, site mix renders and mortar-jointed brick/block walls
- As a primer for acrylic polymer based water-based coatings

Advantages

- High elongation and film thickness allows cracks bridging ability of up to 0.8 mm thickness
- Efflorescence, algal and alkali resistance
- Protection against carbon dioxides diffusion to improve life of a building
- Strong adhesion to masonry substrates
- Heat reflection provides cooling effect on building
- Single pack, easy to apply
- High class appearance
- Improve dampness resistance property
- Barrier to organic salts
- Resistance to UV rays
- Anti-fungal and anti-moss properties

Standard Compliance

- IS 9862: 1981

Technical Information

Properties	Results
Appearance	White Colour Liquid
Specific Gravity	1.28 ± 0.01
UV Resistance	Excellent
Adhesion Strength	1 N/mm ²
Tensile Strength	2 N/mm ²
Surface Dry Time	30 min
Recoating Interval	3 to 4 hours @27°C

Method of Application

- Clean the surface and ensure that is free from dust, oil, grease and loose particles. Remove all existing coatings completely. It is recommended intense wire brushing or high speed water jet for thorough cleaning.
- All cracks at corner joints, channels, parapets and surface should be properly treated. Bigger cracks, damaged portion and hollow areas must be repaired with polymer modified cement mortars or sealants REDOSEAL ACL.
- Clean all the foreign agents like moss, algae, efflorescence from old concrete surface and made to sound base
- Mix DAMPCOAT properly before using it and apply using brush on prepared surface in uniform coats.
- After first layer get touch dry apply second coat of DAMPCOAT for best result.
- Allow it to self-cure for at least 12 hours.

Coverage

- 60 to 70 ft² /Kg @100 micron thickness
(Actual coverage depends on surface texture, application technique and thickness of film, ambient temperature and wastage.)

Packaging

- DAMPCOAT is supplied in 1, 5, 10 & 20 kg bucket.

Storage

- Minimum of 24 months shelf-life if kept under room temperature (i.e. 27°C).

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