



Weather Coat

Damproof coating for internal walls, ceilings and RCC water tanks.

Description

A two-component water based epoxy resin based coating that has been specially formulated for internal applications and for the waterproofing treatment of water tanks. It possesses excellent water resistance, adhesion, hardness & toughness properties similar to solvent based epoxy compositions. It is water thinnable in case of specific requirements.

Advantages

- Water dilutable with high coverage & hence economical.
- Water based - can be applied over damp concrete/ plaster surfaces.
- Excellent adhesion to all cementitious substrates.
- Good resistance to water, salt water, mild acids, alkalis & soap water.
- Can be applied from both sides of water pressure.
- Non-toxic, non-hazardous and non-flammable.
- Priming coat - can be used as a primer for water based/solvent based paints.
- Anti-fungal - resistant to microorganisms.

Area of Application

- Waterproofing treatment for RCC water tanks..
- Internal treatment for damp walls & ceilings.
- Primer for painting on internal/external surfaces.
- Toilets, kitchen walls & lift pits.

Technical Support

The company provides a technical advisory service supported by a team of specialists in the field.

Properties :

Nature	: Two Component
Mixing Ratio(as a damp wall coating)	: 1:1:1by (Base:Hardener:Water)
Consistency after mixing	: Free flowing smooth paste
Pot life at 30°C	: 1 - 1 1/2 hours
Drying time at 30 deg.C	: 5-6 hours
Intercoat period at 30°C	: 6-8 hours

Method of Application

Surface Preparation

Clean the surfaces thoroughly, as they should be free from oil, grease, dust, debris, fungus and moss. Thorough wire brushing, followed by sanding with emery paper is recommended and remove the existing paint, neroo or instant lime, etc. while treating internal damp walls.

Mixing

1. First stir the Base and Hardener thoroughly in their individual packs to achieve the uniform consistency.
2. Pour the Base part in appropriate container followed by the Hardener part and mix them thoroughly together to a homogeneous smooth paste.
3. Dilute the mixed compound with water (in ratio of 1 part base : 1 part hardener : 1 water) by slow addition and mix it thoroughly until a brushable consistency is obtained.

Application :

Waterproofing of RCC Water Tanks

1. Prepare a groove in the crack 1mm to 5 mm. Clean the dust by washing it with water.
2. Fill the cracks/grooves with Weather Coat modified putty & allow it to dry for at least 24 hours.
3. Apply the first brush coat of mixed quantity of Weather Coat . Allow to dry for 6 to 8 hrs.
4. In case of several leakage problems due to more cracks on the walls, apply Weather Coat - OPC white cement Putty on the entire surface area. Allow it to dry for at least 24 hrs.
5. Apply second brush coat of mixed Weather Coat. Allow it to cure completely for 24 hrs before applying a cement sand plaster on wall or a screed on floors.

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6. The treatment of Weather Coat can also be kept open, as the product possesses the non-toxic property. In such situations allow it to cure for minimum 3-4 days prior to storage of the water. The treatment of Weather Coat then must be cleaned with the help of damp cloth/sponge and plenty of water prior to storage of the water.

Weather Coat - OPC/White Cement Putty

Mix Weather Coat (1 part Base & 1 part Hardener) thoroughly, add 2 parts of Ordinary Portland Cement or white cement and add required amount of water to get a plaster like consistency.

Damp Proofing of Vertical Internal Walls :

1. Clean the existing substrate as mentioned earlier in the surface preparation section.
2. Apply two brush coats of mixed Weather Coat at an interval of 6 hrs.
3. Allow it to dry for minimum 24 hours before applying a cement sand plaster on walls before painting. Weather Coat modified putty can also be used in case of cracks observed on internal damp walls.

Coverage :

- Weather Coat finish coat - 75-85 sq.ft per kg per coat
- Weather Coat + OPC Cement putty-6-8 sq.ft/kg per coat
- Coverage can vary as per the substrate conditions.



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