

Talrakote™ EP Primer

Solvent free, epoxy resin based primer for concrete surfaces



The Construction Alchemists

Description

Talrakote™ EP Primer is a two component epoxy resin based primer for concrete substrates. It is best suitable for priming concrete substrates prior to the application of Talrak's range of flooring systems and epoxy based repair mortars. It is characterized by good penetrating properties for concrete substrates which will effectively close porous surface and help in attaining smooth non porous finish.

Features & Benefits

- Can be applied on damp surfaces also
- Enhances adhesion of epoxy floor toppings and mortars with the substrate.

Primary Application

The application of Talrakote™ EP Primer is essentially done to prepare the concrete surface prior to application of Talrak's range of protective coatings, Talrak Flortop range of flooring systems.

Technical properties

Pot Life: 90mins at 20°C
30mins at 30°C

Application Instruction

Surface Preparation

The recipient substrate should be prepared by means of mechanical scarifying or grit-blasting or sand blasting. Thorough surface preparation is vital. For flooring and tanking works, care must be taken to ensure that the substrate does not suffer from rising dampness.

New concrete floors : The new concrete floor should at least be 28 days old or should have less than 5% of moisture content prior to application of Talrakote™ EP Primer. It should also be free from laitance and deposits of new concrete, it is recommended to clean the surface by light grit blasting, mechanical scrubbing or grinding. Smaller areas can be cleaned by means of etching with the help of Talrak recommended cleaning agents. Subsequent to etching the surface should be thoroughly washed with clean water and then allowed to dry.

Old concrete floors : The old concrete floor should be cleaned exhaustively. It should be free from contamination caused by oil, grease, and existing coatings. Since these contamination could have penetrated deep into the floors, it is essential to have the floor cleaned with detergent wash and mopping it off with clean water. The concrete floor should also be free from any sort of loose debris and dust.

Mixing

Add the complete contents of hardener tin to the base and mix thoroughly for 3 mins using a slow speed drill (400-500rpm), until the mix becomes a homogenous paste.

Application

As soon as the mixing is completed, the primer should be applied in a thin film to the clean prepared surface with the help of a stiff brush or roller. Excess application and puddling should be avoided. When the substrate is porous, it shall absorb Talrakote™ EP Primer and leave behind a light coloured dry patch. It is recommended to apply a second layer of Talrakote™ EP Primer for these dry patches. This will not only result in good adhesion but shall also prevent air release from the porous substrate which may cause bubbles in the final epoxy topping later.

Limitation

Recommended application temperature is 10°C to 40°C. Talrak shall be contacted for application temperature outside the range of 50°C to 40°C.

Estimating Packaging

Talrakote™ EP Primer is supplied in 1ltr and 5ltrs pack

Coverage

One ltr of Talrakote™ EP Primer will cover 5.5 - 6.5m²

Storage

Talrakote™ EP Primer has a shelf life of 12 months if kept in dry store in original, unopened containers. If stored at high temperature and/or high humidity conditions the shelf life may be reduced

Precautions

Health & Safety instructions

Contact with skin should be avoided. Protective gloves and barrier creams must be used. Eye contamination must be immediately washed with plenty of water and medical treatment sought.

Important note :

Talrak products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Talrak endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it.



Talrak Construction Chemicals Pvt. Ltd.

An ISO 9001:2015 Certified Company

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