

Talrakfibwrap Primer

Epoxy resin based solvent free sealer cum primer for carbon/glass fiber wraps



The Construction Alchemists

Description

Talrakfibwrap Primer is a solvent free two component epoxy based primer with good adhesive properties for concrete substrates.

Features & Benefits

- Low viscous - Easy to apply using brush and penetrates well into the concrete to seal all the surface pores
- Solvent free - can be applied in the enclosed areas
- Improves the adhesion of Talrakfibwrap SE

Primary Application

Talrakfibwrap Primer is suitable for priming concrete surfaces prior to the application of any of carbon fiber wraps for structural strengthening.

Technical Properties

Specific gravity	1.14 to 1.16
Pot life	30 to 50 minutes
Application temperature	+5°C to +40°C
Fully dry / Re-coatable	After 18 to 24 hours
Adhesion to concrete	> 1MPa

Application Instructions

Surface Preparation

The surface to which Talrakfibwrap Primer is applied should be thoroughly cleaned and free from any type of dust laitance derbis etc. Mechanical surface preparation is preferred. If any free surface moisture is observed, at the time of the application of the primer, the surface shall be wiped dry before application.

New Concrete Surfaces

The new concrete surfaces should atleast be 28 days old or have a moisture content of less than 5% before proceeding with primer application. It should be free from any type of laitance, deposits, derbis etc which shall be cleaned throughly.

Old Concrete Surfaces

The existing concrete surfaces are likely to have contaminated with various types of materials such as paints, oils, putty etc. These may well have been absorbed several millimeters deep into the concrete. To ensure good adhesion all contamination should be removed and the surface thoroughly cleaned of all such materials.

Mixing

Add the entire contents of the hardener tin to the base tin and mix thoroughly for 3 mins, until homogeneous mix is achieved using a slow speed drill (400 - 500 rpm) fitted with a suitable mixing paddle.

Application

Once mixed, the primer should be applied immediately in a thin continuous film to the prepared surface. Work the primer into the surface using a stiff brush or roller. Excess application and puddling should be avoided. On porous surfaces Talrakfibwrap Primer will be absorbed very quickly. It is recommended that a second priming coat be applied to these dry areas. This not only helps to ensure good adhesion but also prevents air release from the porous substrate which may cause bubbles in the final bonding epoxy layer.

Cleaning

All tools and equipment should be cleaned with Talrasol GP immediately after use. Spillages should be absorbed with sand or sawdust and disposed off in accordance with local regulations.

Estimating Packaging

Talrakfibwrap Primer is supplied in 4kg pack.

Coverage

Theoretically, 1kg of Talrakfibwrap Primer will cover 4 - 5 m². Actual coverage will depend up on the texture and porosity of the substrate.

Storage

Talrakfibwrap 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

Talrakfibwrap Primer should not come into contact with skin and eyes and should never be ingested. If ingested, medical attention should be sought immediately. Vomiting should not be induced. It should be washed from skin immediately with soap and water. Some people may be skin allergic to solvents. Some may be sensitive to fume inhalation. Suitable masks to prevent inhalation of solvent fumes are recommended. Ensure adequate ventilation. Use of personal protection devices is recommended.

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Fire

Talrakfibwrap Primer is flammable. Do not expose to naked flames or other sources of fire / sparks. Do not smoke while handling the materials. Containers should be tightly sealed when not in use. In the event of fire, extinguish with carbon dioxide or foam type extinguishers. Do not use water.

Flash Point

Talrasol GP: 33°C

Talrakfibwrap Primer: 25°C



Talrak Construction Chemicals Pvt. Ltd.

An ISO 9001:2015 Certified Company

Works:

Plot No. 115-A, 1st Phase. Harohalli Industrial Area,
Kanakapura Taluka - 562 112. Ramanagar Dist.
www.talrak.in

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Ref : TCC/TDS/RE10 - RI