

Talrak® Tenseal XS Primer

Low viscosity epoxy primer cum sealer for concrete surfaces



The Construction Alchemists

Description

Talrak® Tenseal XS Primer is a two component low viscosity epoxy primer with good penetrating properties for concrete surfaces. It is mainly used to prime the surface before the application of Talrak® Tenseal EP adhesive which is used for bonding TPE expansion joint tape to the concrete substrates.

Features & Benefits

- User friendly - Can be applied by brush/roller
- Improves the adhesion of Talrak® Tenseal EP adhesive with the substrate
- Seals the surface porosities

Primary Application

Talrak® Tenseal XS Primer is suitable for priming concrete surfaces prior to the application of Talrak® Tenseal EP adhesive. The typical application is to enhance the bond between Talrak® Tenseal EP adhesive and the concrete substrates such as beams, columns, slabs etc.,

Technical Properties

The following properties of mixed material represent average values achieved in the laboratory. The practical values, on site may slightly vary.

Specific gravity @ 27°C	1.11
Viscosity @ 27°C	50 to 60 seconds in B4 cup
Pot life @ 20°C @ 30°C	120 mins 90 mins
Application temperature	+5°C to +40°C
Tacky state	After 30 to 120 mins (Depends on temperature and substrate conditions)
Fully dry / Re-coatable	After 18 to 24 hours

Specification Clause

Talrak® Tenseal XS Primer is a two component low viscosity epoxy primer with good penetrating properties for concrete surfaces.

Application Instructions

Surface Preparation

Remove the filler boards from the joints if any and level the concrete surface for a minimum width of 100mm on both the sides of the expansion joint. Surface preparation is critical for the optimal performance of Talrak® Tenseal XS Primer. The surface of concrete should be scarified to open up capillaries and porosities. It can be accomplished by sand-blasting, wire brushing or any other suitable mechanical means. This action will open up the surface pores enabling the primer to penetrate into the substrate, thereby effectively sealing all the pores.

New concrete substrates, should be at least 28 days old and have a moisture content not exceeding 5%. Laitance deposits on new concrete are best removed by light grit blasting, mechanical scabbling or grinding.

Mixing

Add the entire contents of the hardener tin to the base tin and mix thoroughly for 3 mins. Until homogeneous mix is obtained, using a slow speed drill fitted with a suitable mixing paddle.

Application

The mixed material should be applied immediately in a thin continuous film to the clean prepared surface. Work the primer into the surface using a stiff brush or roller. Excess application and puddling should be avoided. On porous surfaces Talrak® Tenseal XS Primer will be absorbed very quickly leaving characteristic light coloured dry patches. It is recommended that a second coat of primer to be applied to these dry areas, which ensures good bonding of Talrak® Tenseal EP (for further details refer Talrak® Tenseal EP data sheet) to the concrete substrate.

Estimating Packaging

Talrak® Tenseal XS Primer is supplied in 1.11 & 4.44 kg combo packs.

Coverage

1 kg of Talrak® Tenseal XS Primer will cover 5 - 6m² per coat. Actual coverage will depend up on the texture and porosity of the substrate.

Storage

Talrak® Tenseal XS 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.

Talrak® Tenseal XS Primer

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.

Fire

Talrak® Tenseal XS 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

Talrak® Tenseal XS Primer : +25°C

Precautions

Health & Safety Instructions

Talrak® Tenseal XS 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. Talrak® Tenseal XS Primer 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.



Talrak Construction Chemicals Pvt. Ltd.

An ISO 9001:2015 Certified Company

Works:

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Ref : TCC/TDS/SLI5 - R0