

# Talrakepoprime LV

## Low viscosity epoxy primer for concrete surfaces



The Construction Alchemists

### Description

Talrakepoprime LV is a two component low viscosity epoxy primer with good penetrating properties for concrete surfaces.

### Features & Benefits

- User friendly - Can be applied by brush/roller
- Improves the adhesion of epoxy floor toppings and mortars/screeds with the substrate
- Seals the surface porosities

### Primary Application

Talrakepoprime LV is suitable for priming concrete surfaces prior to the application of any of the Talrakflor range of resin based floor toppings, Talrakote range of protective coatings or Talrak epoxy repair mortars.

### 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	1.110
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

Talrakepoprime LV is a two component low viscosity epoxy primer with good penetrating properties for concrete surfaces.

### Application Instruction

#### Surface preparation

Surface preparation is critical for the optimal performance of Talrakepoprime LV. The surface of concrete should be scarified To open up capillaries and porosities. It can be accomplished by sand-blasting, wire brushing (for small areas) or any other suitable mechanical means. This action will open up the surface pores enabling the primer to penetrate into the substrate, there by effectively sealing all the pores. For flooring and tanking works, care must be taken to ensure that the substrate does not suffer from rising dampness. If such conditions exist, consult Talrak.

### New concrete floors

New concrete or cementitious 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.

### Old concrete floors

Existing concrete floors which require refurbishment must be prepared to ensure a strong mechanical and adhesive bond between Talrakflortop® system and the existing floor. Mechanical cleaning methods are strongly recommended particularly where heavy contamination by oil and grease has occurred or existing coatings are present. To ensure adhesion, all contamination should be removed.

### Mixing

Add the entire contents of the hardener tin to the base and mix thoroughly for 3 mins. until homogeneous mix is obtained, 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 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 Talrakepoprime LV will be absorbed very quickly leaving characteristic light coloured dry patches. 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 epoxy topping later. For Talrakflor applications, leave the Talrakepoprime LV to dry overnight. For epoxy mortar and Talrakote, allow the solvent in the Talrakepoprime LV to evaporate and become tacky (To ensure this refer relevant datasheet).

### Estimating Packaging

Talrakepoprime LV is supplied in 1.110 & 4.440 kg combo packs.

### Coverage

1 kg of Talrakepoprime LV will cover 5 - 6m<sup>2</sup> per coat. Actual coverage will depend up on the texture and porosity of the substrate.

### Storage

Talrakepoprime LV 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.

# Talrakepoprime LV

## 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

Talrakepoprime LV 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

Talrakepoprime LV : 25°C

## Precautions

### Health & Safety instructions

Talrakepoprime LV 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. Talrakepoprime LV 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:

Plot No. 115-A, 1st Phase. Harohalli Industrial Area,  
Kanakapura Taluka - 562 112. Ramanagar Dist.  
[www.talrak.in](http://www.talrak.in)

### 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.

Ref : TCC/TDS/IF02 - R2