

TalrakAquaprime EP

Moisture insensitive epoxy primer for concrete floor substrates



The Construction Alchemists

Description

TalrakAquaprime EP is a two component water based epoxy primer with good penetrating properties for concrete surfaces

Features & Benefits

- Can be applied even on damp moist surfaces
- Improves the adhesion of epoxy floor toppings and epoxy mortars with the substrate.

Primary Application

It is suitable for priming concrete surfaces prior to the application of any of the Talrakflortop EP-SL range of resin based floor toppings, Talrakote EP range of protective coatings and Resiscreed epoxy repair mortars.

Technical properties

TalrakAquaprime EP	20°C	30°C
Pot life	90 min.	45-50 min.
Specific gravity	1.11	
Temperature limitations	Recommended application range is 10°C - 40°C. Consult local Talrak office where application is outside the range of 10°C - 40°C.	

Application Instruction

Surface preparation

For best results it is recommended to use TalrakAquaprime EP on concrete which is at least 7 days old and prepared surface as per standard practice.

New concrete floors

The concrete substrate shall be at least 7 days old before proceeding with primer application. Laitance and deposits on new concrete floors are best removed by light grit blasting, mechanical scabbling or grinding. On smaller areas thorough etching using Reebaklens may be considered. After etching the floor, it should be thoroughly washed with clean water.

Old concrete floors

Mechanical cleaning methods as described above are strongly recommended on old concrete floors, particularly where heavy contamination by oil and grease has occurred or existing coatings are present. 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 to remove all dust and loose debris. A thorough detergent wash is also recommended followed by thorough cleaning with clean water.

Mixing

The base and hardener contents are to be transferred in to a suitable container and mixed 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 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 TalrakAquaprime EP 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 Talrakflortop SL-E and Talrakote EP coatings applications, leave the TalrakAquaprime EP to dry overnight. For Talrakflortop EP and Talrak Resimix epoxy mortars allow TalrakAquaprime EP to become tacky.

Limitations

Temperature limitations

Recommended application range is 10°C - 40°C.

Estimating Packaging

TalrakAquaprime EP is available in 1 litre pack.

Coverage

Approximate coverage rate is 5.2 - 6.2 m²/litre. The coverage depends on substrate conditions. Over vacuum de-watered floors finished with power trowels, after surface preparation, coverage of TalrakAquaprime EP may slightly exceed the above values.

Storage

TalrakAquaprime EP has a shelf life of 6 months when stored in unopened containers under normal warehouse conditions.

Precautions

Health & Safety instructions

TalrakAquaprime EP should not come into contact with skin and eyes or be swallowed. Avoid prolonged inhalation of solvent vapours.

Some people are sensitive to epoxy resins, hardeners and solvents. Gloves, goggles and barrier creams should therefore be used while handling the product. Adequate ventilation should be ensured and if working in enclosed areas, suitable breathing apparatus must be used. If the resin comes in contact with skin, it must be removed before it hardens with a resin removing cream, followed by washing with soap and water - solvent should not be used.

Should accidental eye contamination occur with any of the above products, it should be washed well with plenty of water and medical advice should be sought. If swallowed medical attention should be sought immediately. Vomiting should not be induced.

Fire

Do not expose to naked flames or other sources of ignition. Do not smoke while handling the materials. Containers should be tightly sealed when not in use. In the event of fire, extinguish with CO₂ or foam type extinguishers.

Talrak



Talrak Construction Chemicals Pvt. Ltd.

An ISO 9001:2015 Certified Company

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