

# Talrakote® CP200

Surface-applied, liquid Corrosion Inhibitor designed to penetrate through mineral sub-strates like concrete, mortar etc.



The Construction Alchemists

## Description

Talrakote® CP200- is a surface-applied, Corrosion Inhibiting liquid designed to penetrate through cementitious materials such as reinforced concrete and mortars . Talrakote® CP200 diffuses in both liquid and vapor phases through the pore structure, forming a protective layer on embedded reinforcing steel. Talrakote® CP200 provides corrosion protection against carbonation, chlorides, and other contaminants.

## Features & Benefits

Talrakote® CP200 provides protection to the reinforced and prestressed concrete structures against corrosion of steel reinforcement by corrosion inhibiting technology extending the service life of the structures.

- Protects against corrosion caused by carbonation and chloride attack
- Effectively reduces the rate of corrosion of embedded steel in concrete
- Retards corrosion activity in the existing rusted steel reinforcement
- Water based and does not catch fire
- Almost clear liquid and does not stain surfaces
- Allows vapour diffusion (does not hamper breathability)
- Penetrates to a depth of over 50mm in 30-40 days

## Primary Application

Talrakote® CP200 is used to provide corrosion protection of reinforced concrete structural members in new structures as well as structures which are subjected to remedial engineering interventions. Specially suitable for r c structures installed in aggressive atmosphere such a marine and industrial environment.

## Technical properties

Appearance	Clear to pale yellow liquid
pH	~ 9
Density	1.03 g/cm <sup>3</sup>
Drying time @30°C	30 min.



**Talrak Construction Chemicals Pvt. Ltd.**

**An ISO 9001:2015 Certified Company**

### Works:

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Kanakapura Taluka - 562 112. Ramanagar Dist.  
[www.talrak.in](http://www.talrak.in)

## Specification Clauses

The liquid corrosion inhibitor shall be a penetrating low viscosity liquid type Talrakote® CP200, when applied by spray or brush or roller shall penetrate into the concrete surface of the substrate .The material shall also hydrophobe all mineral substrates such as cementitious, and masonry surfaces.

## Application Instructions

### Surface preparation

Surfaces should be dry, clean, and free of all oil, grease, efflorescence, water repellents, coatings, membranes, and asphalt. Cleaning may be done by steam cleaning, water blasting, or sandblasting.

### Application

Apply Talrakote® CP200 by spray, brush, or roller to achieve recommended coverage. When spraying, Talrakote® CP200 recommended conventional sprayer or airless spray equipment can be used at a pressure between 2kg/cm<sup>2</sup> and 3.5kg/cm<sup>2</sup> with 0.5-0.8 mm sized spray tip. Talrakote® CP200- can also be applied using hand spray equipment. If applying more than one coat, allow the surface to dry enough between applications so that the second coat penetrates into the surface within 15 minutes. When applying a water repellent coating, repair mortar or overlay over Talrakote® CP200 the substrate should be rinsed with water, pressure washed, remove any residue unless prior adhesion testing has been performed.

### Estimating Packaging

Talrakote® CP is supplied in 1kg and 10 kg pack

### Coverage

Approx. 0.1 - 0.25 kg/m<sup>2</sup> depending on substrate, strongly absorbent substrates may require more.

### Storage

Replace lid of the container tightly after use to minimize evaporation losses. Store in a cool dry shaded place below 25 °C.

### Precautions Health and safety

Wear protective gloves and goggles during application. Observe all statutory safety regulations when processing the material

### 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/PC12 - R0