

VICASTEEL-CP®

Edition 06015

High performance single component passivating cementitious slurry

Description

Vicasteel CP is a one component cementitious active protective primer for reinforcement steel, based on **Prompt** cement, an anodic inorganic corrosion inhibitor, siliceous graded fillers, additives and a special redispersable terpolymer. When mixed with water, it produces a ready to use workable slurry.

Advantages

- Triple sealing by the action of the terpolymer, Active dicalcium silicate hydration, and gel formation into the pores.
- Reinstates a high Ph environment to actively passivate the steel.
- Contains active corrosion inhibitor to further steel protection.
- Does not affect pull out strength of steel reinforcement.
- Polymer modified for addition adhesive bond.
- Fast setting to reduce waiting times and reduce costs on job site, second coat can be applied after only 60 minutes.
- Characteristics improvement over 10 years.
- Resists alkalis and acids of PH as low as 4.
- Formulated for short and long term efficiency.
- Self-curing, improving the degree of hydration.
- Single component; simply mix with water to correct consistency.

Standards & Specifications

Color	Grey and Brick red
Toxicity	Non-toxic
Pot life	1 hour at 20° C
Fresh density	1.80 Kg/liter
Adhesion	> 10 Kg/cm ²

Package & Coverage

Vicasteel CP is supplied in 5 Kg bags.

After mixing with water, the 5 Kg bag yields about 2.8 liters of slurry covering 2.8 m² of 1mm thickness achievable in two coats.

The rate of consumption should be calculated upon the steel area to be coated.

Allowance should be made for any possible wastage when estimating.

Application Instructions

Surface preparation

All steel surfaces should be clean, free from dust, loose particles, rust, grease, oil or any other foreigner matter.

Mixing

- In a suitable container add 2.0 – 2.5 liters of potable water to the content of a 5 Kg bag of **Vicasteel CP**.
- Start mixing with a slow speed drill (350 - 450) rpm for enough time to produce a homogeneous mix.

Application

- The slurry will be applied to the prepared surfaces using a suitable brush at the rate of at least two coats having about 1.0 mm thickness or about 2.8 m² per batch using a 5 kg **Vicasteel CP** bag.

Precautions

- Protect the **Vicasteel CP** bags from direct sun rays or any other source of heat before use, this can lead to a very fast setting.
- Avoid working on hot substrates.
- **Avoid contact with gypsum or any other sulfates on substrate, mixing water or curing water in plastic state.**

Health and safety

Vicasteel CP is alkaline when mixed with water and should not come into contact with skin or eyes. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs, wash thoroughly with clean water. Should eye contact occur, rinse immediately with plenty of clean water and seek medical advice. Full health and safety data are given in Product Safety Data Sheet.

Storage & shelf life

Vicasteel CP should be stored in normal temperature and closed shaded dry area in undamaged original packing. It is recommended to be re-tested after 12 months from the production date.

Technical support

For any technical support, please consult our technical office or representatives.

More information

Please refer to the **Prompt** technical document and the CD-ROM of VICAT special binders.

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