

Castech K-200

Curing compound

Description

Castech K-200 is a white liquid curing compound based on acrylic resin which cures to form a clear non-penetrating, seamless membrane over new concrete. Preventing rapid water loss during early hardening stage, hence improving the efficiency of cement hydration, increasing durability and reducing the chance of plastic shrinkage cracks.

Advantages

- ✦ High performance
- ✦ Easy application
- ✦ Improved durability Compatible with water-based paints, cementitious renders & gypsum plasters
- ✦ Reduces cost of conventional curing
- ✦ Can be used as sealer

Uses

Housing construction, road and other projects of cast-in-place concrete, prefabricated components, wear-resistant floor, cement products.

Packing

Castech K-200 is available in 200 Liters drum or 1000L IBC Tank

Physical Properties*

PROPERTY	TYPICAL RESULTS
Appearance	White liquid
Specific gravity	1.01 g/ml
PH value	8
Curing efficiency	>90%

*The above properties are average laboratory values

Coverage

4-5 m² per liter per coat. Minimum two coats recommended.

Application

- ✦ Actual coverage will depend on wastage & surface profile, and can be up to 20-30% or more higher than the above theoretical coverage.
- ✦ Do not apply if surface bleed water from the fresh concrete is present or forming.
- ✦ Castech K-200 can be applied to dry concrete after the form work has been removed; however the substrate needs to be dampened with clean water prior to application.
- ✦ No special preparation is required before the application of Castech K-200. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits.
- ✦ Castech K-200 is applied by low-pressure hand operated spray equipment.
- ✦ Castech K-200 should be spray applied to the surface of freshly placed concrete. The curing/sealing compound
- ✦ should be applied as a fine spray as soon as possible after surface water has evaporated from the concrete surface. The spray nozzle should be held approximately 2 feet away from the concrete surface and be passed back and forth to ensure complete spray application.

Shelf Life

12 months when stored in factory packed unopened bag, stored in a cool dry and elevated place away from direct sunlight.

Precautions

- ✦ Do not add any thinner or solvent.
- ✦ Avoid excessive application
- ✦ Avoid skin contact
- ✦ Do not dispose into water drains.

Technical Support

CasTech offers full technical support package to specifiers, contractors and end users, as well as technical assistance on site and after sales consultations.

Health & Safety

As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles, should be worn. See packaging/MSDS for specific instructions. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

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