Tek-Cure WB

Water based curing compound

Spraytek Coatings ™

VOC COMPLAINT · SPRAYTEK TECHNOLOGY

Technical Data Sheet

Description

Tek-Cure WB is a white liquid curing compound based on wax-base 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

As a general purpose curing & sealing compound for:

- Concrete construction
- Concrete repairs
- Grouting works

Specification

ASTM 7452: 90% efficient
ASTM C 309: Type 1 or 2 Class A & B

Physical Properties*

Property	Typical Results
Appearance	White liquid
Appearance when applied	Clear
Curing efficiency	>90%
Touch dry	4 hours at 25°C
Recoat time	6 to 18 hours
*The above properties are average laboratory values	

Packing

Tek-Cure WB is available in 20 and 200 lt. drums.

Theoretical Coverage

4-5 m^2 per liter per coat. Minimum two coats recommended.

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.

Tek-Cure WB 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.

Shelf Life

12 months when stored in cool dry environment in factory packed unopened containers between 5°C – 25°C.

Installation Guidelines

Spraytek provides detailed method statements on all its products for use in various applications. These must be referred to prior to starting the work. The information below is a summary intended for guidance only.

Surface Preparation

No special preparation is required before the application of **Tek-Cure WB**.
Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits.

Mixing

Tek-Cure WB is single component product. Stir thoroughly to mix any solid fillers may have settled at the bottom of the drums, until homogenous consistency is achieved. DO NOT add thinner or any solvents.

Application

Tek-Cure WB is applied by low-preassure hand operated spray equipmment.

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Tek-Cure WB 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 afte 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.

Precautions

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

Technical Support

Spraytek 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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ISO 9001 CERTIFIED

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