

Technical Data Sheet

Description

Tek-Cure CS is a multipurpose acrylic emulsion resin and wetting agent which makes it ideal for application on for application for use in on concrete and with other cementitious products such as grouts and concrete repair mortars.

Advantages

- High performance
- Cures and seals
- Easy to use
- Improved durability
- Reduces cost of curing
- Can be over coated

Uses

As a high performance multipurpose curing compound for:

- Concrete surfaces
- Grouting works
- Concrete repair mortars

Physical Properties*

| Property | Typical Results |
|---|--------------------|
| Curing efficiency | >80% |
| Appearance | Milky white liquid |
| *The above properties are average laboratory values | |

Specification Compliance

ASTM C309
BS 6920

Packing

Tek-Cure CS is available in 20 lt. & 200 lt. drums.

Theoretical coverage rate

4 to 5 m² per liter per coat.

Actual coverage rates will depend on wastage and substrate profile.

Shelf Life

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

Application Properties

| Property | Typical Results |
|-------------------------|-----------------|
| Application temperature | 5°C to 40°C |
| Initial cure | 2 hours @ 25°C |
| Full cure | 1 days |
| Application temperature | 5°C to 45°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

Substrate must be structurally sound. Loose or unsound materials should be removed. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits.

Mixing

Tek-Cure CS 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 CS is applied by low-pressure hand operated spray equipment.

Tek-Cure CS should be spray applied to the surface of newly placed concrete. The curing 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 from the concrete surface and be passed back and forth to ensure complete coverage.

Sealing

Dry concrete surfaces should be pre-soaked with water prior to the application of **Tek-Cure CS**. Same application procedures to be followed.

Cleaning

Clean all the tools with clean water immediately after use.

Precautions

Do not add additional water or re-temper the mix.

Ensure the temperature of the filler does not exceed 35°C at the time of mixing.

Do not apply in rain or wet conditions or at temperature below 5°C.

Do not expose to running water until the product is fully cured for 7 days.

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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