

A polymer, water-based, concrete curing compound

DESCRIPTION

Rayston Cure 2 is a solvent-free, polymer, water-based emulsion, suitable for spray application to freshly poured concrete.

The resultant film retains sufficient moisture in the concrete to ensure full hydration of the cement; essential for optimum strength development. Membrane-cured concrete is typically harder and exhibits a dust-free surface with a reduced incidence of drying shrinkage cracks.

PRIMARY USES

As a more effective and economical alternative to Hessian, water and polythene curing regimes. Suitable for use on all concrete surfaces.

ADVANTAGES

- Eliminates the need for water
- Single application
- Reduces drying shrinkage
- High curing efficiency
- Reduced labour costs
- Water-based

PACKAGING

Rayston Cure 2 is available in 200ltr drums.

TYPICAL PROPERTIES

Appearance: white liquid

Specific gravity: Approx. 1.00

Flashpoint: Not applicable

Finished film appearance: Clear opaque film

Drying time
ASTM C309: at a dosage
of 0.2kg/m² 2.30 hours 20 minutes at
25°C

STANDARDS

Rayston Cure 2 meets the requirements of ASTM C309 Type 1 Class A/B

COVERAGE

The recommended rate of application is 0.2 – 0.25 1Ltr/m². This corresponds to that at which **Rayston Cure 2** has been tested, and at which it attains the claimed degree of curing efficiency. In favorable conditions, such as shaded interior surfaces, adequate curing can be achieved with extended coverage rates.

SUBSEQUENT SURFACE FINISHES

It is important to ensure the complete removal of the **Rayston Cure 2** prior to the application of any surface finish or additional treatment.

Rayston bonding slurries must be utilised to bond subsequent finishes. Please refer to Krypton Technical Services Department for approved mix designs.

If renders of greater thickness than 1cm are to be applied, bond tests should be carried out to determine the proposed bonding

method and surface preparation that is required.

For floor areas, the curing compound must be removed prior to applying subsequent finishes.

SPECIFICATION CLAUSE RAYSTON CURE 2

Where indicated, concrete shall be cured by application of **Rayston Cure 2**, polymer-based emulsion manufactured by Krypton Egypt or similar approved; to the following specification:

SPECIFICATION TYPE:

ASTM C309: Type 1 Class A/B

Rayston Cure 2 is to be applied strictly in accordance with the manufacturer's instructions.

STORAGE

Shelf life is up to 1 year when stored under cover, out of direct sunlight and protected from extremes of temperature.

HEALTH AND SAFETY

As with all chemical products, care should be taken, during use and storage, to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Re-seal containers after use. Use in well-ventilated areas and avoid inhalation.

NOTE

Field service, where provided, does not constitute supervisory responsibility. information, representative. For additional contact your local Krypton Krypton reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY STATEMENT

All products manufactured by Krypton Egypt, or imported from Krypton affiliate companies' world-wide, are manufactured to procedures certified to conform to the quality, environment, health & safety management systems described in the ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 standards.

*Properties listed are based on laboratory-controlled tests. Registered trademark of the Krypton in many countries