

Comtech CRT1

Water Based Concrete Curing Compound.

Description:

Comtech CRT1 is water based concrete curing compound based on wax emulsion. On application Comtech CRT1 creates a regular and continuous film on the fresh concrete surface preventing evaporation of the gauging water. The dry film provides a barrier to moisture loss, ensuring more efficient cement hydration, improved durability and reduced shrinkage.

Primary uses:

- Retain moisture in concrete for effective curing.
- General concreting applications.
- Large area concrete surfaces, such as airport runways, roads, bridgeworks and on all type offreshly poured concrete structures.

Advantages:

- Improves curing of concrete and provides a more durable concrete.
- Protects fresh concrete surfaces against rainfall.
- Improves surface quality, reducing permeability, producing a hard -wearing, dust free surface.
- Water based, non-flammable and economical product.
- Minimizes potential for surface cracking & shrinkage.

Typical properties:

Appearance: Milky white liquid.
Dry film appearance: Clear film.
pH @ 20°C: 6± 0.5
Coverage, m²/L : 4-5

Application Instructions:

The minimum application temperature is 5°C. Comtech CRT1 should be stirred before use to ensure even dispersion of the ingredients.

Comtech CRT1 should be spray applied to the surface of fresh concrete. Application should begin immediately after the concrete is free from surface water. Do not apply if bleed water is forming or present on the concrete surface. Cross apply twice for adequate curing.

After spraying, no further application of water or other material is necessary to ensure continued curing. The concrete surface should not be disturbed until it has sufficient strength to bear surface loads. The applied film should not be walked on before it is fully dry and care should be taken to ensure that the film is not broken.

Comtech CRT1 may be applied to the surface of newly hardened concrete immediately after demoulding. In such cases the concrete surface must be damp and not dry.

Standards:

ASTM C 309-81, Type 1

Packaging and storage:

Comech CRT1 is supplied in 20 Ltr Pail; All Comtech products should be stored in a dry shaded area, protected from breakage, deterioration and contamination.

Health and safety:

Comtech CRT1 does not classified in the hazardous materials; however it should not be allowed to come into prolonged contact with skin and eyes.

The normal safety precautions (hand gloves & safety goggles) are recommended for handling.

The first aid if some harm happened with eyes in to wash with water.

Over Coating and Removal:

Comtech CRT1 will be slowly removed by physical abrasion in normal traffic or exposure to UV light. Breakdown of the film commences after about 30 days. To ensure complete removal use high pressure steam water jet or light sand blasting.

WARRANTY STATEMENT: The information given here is based on our knowledge, and we believe it to be true and accurate.

We assume no responsibility for the use of these information, recommendations or suggestions.

Users should always refer to the most recent issue of the technical data sheet for the product concerned, copies of which will be supplied on request.

