

ULTRACURE 10

Water-Based Acrylic Curing Compound

Description

ULTRACURE 10 is a water-based acrylic emulsified curing compound that protects concrete surfaces from fast evaporation of the mixing water. This product creates a regular and continuous film on the surface of fresh concrete preventing water evaporation and allowing concrete uniform hydration and attain dust free with high strength.

Features & Benefits

- \succ Economical, easy to apply.
- \succ High curing efficiency (90%)
- > Creates a dust free, hard wearing surface.
- > Reduces surface drying cracks and shrinkage.
- > Eliminates the need for curing water.
- > Non degrading, act as primer.
- > Abrasion resistance
- > Improves uniform hydration
- Reduce chloride penetration.

Uses

ULTRACURE 10 is used as an efficient curing agent it can be applied to concrete surfaces after releasing shutters (piers, walls, retaining walls, prefabricated elements, either grey or white cement). It is used as an effective and economical curing agent compared to the traditional Hessian, water and polythene curing system. It can be used for both horizontal and vertical surfaces.

ULTRACURE 10 is suitable for all types of concrete surfaces and can be applied on large areas effectively.

ULTRACURE 10 is recommended to be used as concrete sealer and dust proofing coating.

Technical Properties

Appearance	Milky Liquid
Density	1,020 Kg/m ³ approx.
pH @ 25 ⁰C	8.5 – 9.0
Drying time	< 3hrs @ 25 °C

90%
<1.0 g/L
Pass
No

All values are subject to 5-10% tolerance

Standards Compliance

- ASTM C309. Type 1&2
- BS 7542, BS 8110
- BS 6920

Application Instructions:

Carefully stir the container before use. **ULTRACURE 10** has been designed for spray application to the newly laid concrete. A thin film of **ULTRACURE 10** is applied to the whole surface using a hand operated spray gun. Surface should be free of water. In case of horizontal surfaces, the product should be applied as soon the bleed water has evaporated from the surface. In the case of formed concrete, **ULTRACURE 10** should be applied immediately on removal of the formwork.

Apply **ULTRACURE 10** with a rate of 4-6 m² per Ltr. In certain cases, especially during high temperature or windy seasons, rate of application might be increased. Consult SBI Technical Department for recommendation.

After application, do not spray water or any other material, allow product to cure without disturbance.

Avoid compaction or vibration activities close to the treated areas as this will break the integrity of the curing film.

Subsequent surface finishes:

Cementitious renders/ plasters up to 10mm thickness can be applied directly over **ULTRACURE 10** cured surfaces providing it is ensured there is no surface laitance, dirt, oil or grease on the surface. In all cases it is recommended that small trial areas are used to ensure that the desired properties are obtained.

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Coverage

Coverage rate 4-6 m² per Ltr

Packaging

ULTRACURE 10 is available in 20& 210 Lt drums.

Cleaning

Clean the used equipment and tools with water.

Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.

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