

REC CURE E-1 C-313

Highly efficient water based concrete curing compound

DESCRIPTION

Rec Cure E-1 C-313 is a water based, low viscosity wax emulsion that protects concrete surfaces from fast evaporation of mixing water. It creates a regular and continuous film on the surface of fresh concrete preventing water evaporation. By ensuring better cement hydration, durability of concrete will be improved and shrinkage reduced.

PRIMARY APPLICATIONS

Rec Cure E-1 C-313 is applied to fresh concrete surfaces after mold release (piers, walls, retaining walls, prefab. parts, either grey or white cement).

Properties

- Improves hydration of cement
- Minimizes shrinkage and surface cracking
- Improves durability of concrete
- Provides visual guide during application due to its white color
- Non-flammable
- Applicable by spray
- Improves concrete surface appearance

TECHNICAL INFORMATION

Appearance	Liquid
Chloride Content	Nil-BS5075/EN934-2
Color	White
VOC and formaldehyde content ISO/FDIS 11890-2/GC-MS	(<10µg/l)
Curing Efficiency	>90% (BS7542
Specific Gravity @ 20°C	1.00

STANDARDS

Complies to ASTM C 309 Type 1, Class A. Complies with BS 8110-1.

PACKAGING

Rec Cure E-1 C-313 is supplied in: 4lit, 20lit, 25lit and 200 lit. drums.

SHELF LIFE

stored up to 12 months from manufacturing date under cover, out of direct sunlight and protected from extreme temperatures

DIRECTION OF USE

Before Rec Cure E-1 C-313 is applied, the contents of the container must be stirred and thoroughly mixed by shaking. It is advisable to apply Rec Cure E-1 C-313 by means of any usual spraying device. While spraying, the distance between the spraying device and surface of the concrete should be 0.5 to 1 m. Rec Cure E-1 C-313 can be applied as well by roller or brush. Thus, a uniform coating is guaranteed. Coverage should not exceed 150 – 200 g/m². The most appropriate time for the application of Rec Cure E-1 C-313 is after the concrete has received its final finish and immediately after the disappearance of bleed water sheen from the surface. It is important not to apply cure WT when standing water is still present on the concrete. If the concrete has already lost some of its surface water, it is recommended to fog down the surface before application of Rec Cure E-1 C-313. Over coating and removal: Rec Cure E-1 C-313 must be removed from concrete surface before application of any coating. It will be slowly removed by physical abrasion (traffic on the surface) or exposure to UV light. For a quick and total removal of the film formed, the surface should be scratch manually or by a light sand blasting or high-pressure water jetting.

DOSAGE

Recommended coverage rates range from 5 to 8 m² per liter depending on wind, humidity, and ambient temperature.

HEALTH & SAFETY

In case of contact with skin or eyes, rinse thoroughly with water. If irritation persists, seek medical attention. If swallowed, do not induce vomiting and seek medical attention.

QUALITY STATEMENT

All our products are manufactured to comply with our internal QA/QC program and quality management system to ensure consistency and quality

DISCLAIMER

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