

REC CURE E 4

WHITE PIGMENTED CURING COMPOUND

DESCRIPTION

REC CURE E 4 is a white pigmented wax emulsion curing compound for new concrete requiring a reflective curing membrane. It maintains adequate moisture in new concrete so that desired properties, such as strength and durability, can develop. This white pigmented formulation also reflects sunlight, helping to keep concrete cool when placed in hot weather.

PRIMARY APPLICATIONS

- Exterior paving
- Walls, columns and highway barriers
- Residential concrete
- Sidewalks, curbs and gutters
- Bridge decks and parapet walls
- Commercial concrete

FEATURES/BENEFITS

- Forms an efficient moisture barrier for optimum curing of concrete
- Helps ensure proper cement hydration
- Low VOC
- Designed primarily for exterior applications where sunlight reflectivity is needed
- No odor

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Drying Time* @ 73°F, 50% RH:1 hour

Foot Traffic: 2 to 4 hours

Wheel Traffic: 6 to 10 hours

VOC Content:..... ≤5 g/L

Moisture Loss (ASTM C 156):< 0.55 kg/m²

Low concrete or air temperatures and/or high relative humidity will extend drying times. Appearance: REC CURE E 4 is a white pigmented liquid. After application and drying, the film is white in appearance.

Coverage.....ft²/gal (m²/L)

Smooth Concrete:.....300 (7.4)

Textured Concrete:.....200 (4.9)

Coverage will vary depending on surface porosity and texture.

AVOID EXCESSIVE BUILD-UP. THICKER APPLICATIONS MAY LEAD TO DISCOLORATION AND POOR PRODUCT PERFORMANCE.

Specifications/Compliances

- ASTM C 309, Type 2, Class A
- AASHTO M 148, Type 2, Class A & B
- USDA compliant

PACKAGING

REC CURE E 4 is packaged in bulks, (1000 L) tanks, (210 L) drums and (30 L) pails.

SHELF LIFE

1 year in original, unopened container

SPECIFICATIONS/COMPLIANCES

- ASTM C 309, Type 2, Class A
- AASHTO M 148, Type 2, Class A & B
- USDA compliant

DIRECTIONS FOR USE

Surface Preparation: This product is designed for use on fresh concrete only. The concrete surface should first be finished to the desired texture.

Mixing: Agitate before using. Material may separate during long term storage. Mild agitation is recommended before usage.

Application: Apply a uniform coverage by spray or roller application. Product may be sprayed with a hand held “pump-up” sprayer or with an airless industrial sprayer. If roller applied, use a short nap sleeve. Curing: For the best cure of freshly placed concrete, apply REC CURE E 4 as soon as possible after finishing operations and/or immediately after the disappearance of the “sheen” of surface moisture.

PRECAUTIONS/LIMITATIONS

- This product utilizes wax as a curing medium. Application on smooth troweled concrete may result in significantly increased slipperiness.
- Do not allow containers of product to freeze. Store between 50°F to 100°F (10°C to 38°C).
- For best application results, product temperature should be between 50°F to 100°F (10°C to 38°C) with ambient and surface temperatures between 45°F to 110°F (7°C to 45°C)
- Complete removal is necessary before installing adhesives, carpet, tile, or other coverings.
- Do not subject to rain or water for 12 hours after application.
- Not intended for use on architectural concrete panels unless complete removal is planned
- Do not thin this product with water or other solvents.
- In all cases, consult the Safety Data Sheet before use.

COVERAGE

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CLEAN-UP

Clean tools and equipment with warm, soapy water before the REC CURE E 4 dries.

REMOVAL

May be removed by using RECLAST CLEAN & STRIP along with aggressive scrubbing, or by the careful use of a high-pressure water spray.

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RECKON CHEMICALS PRIVATE LIMITED
21 CCA, BLOCK B, KHAYABAN-E-AMIN, LAHORE
Tell: +92-42-35452620, +92-42-35230419
Web: www.reckonchemicals.com
Email: Info@reckonchemicals.com

