

Delta Cure & Seal

High Solids, Non Yellowing Cure & Sealing Compound for Concrete

Description

Delta Cure & Seal is a premium quality water-based acrylic sealer designed to cure and seal concrete surfaces. It has non-yellowing polymers, which seal in the mixing water present in fresh concrete ensuring the continuous availability of sufficient water for hydration of Portland cement and develops compressive and tensile strengths of the concrete

Standards

Meets ASTM C-309 Type 1, Class A or B
AASHTO-M-148 Type 1, Class A & B,
CAN/CGSB 19.17 M-90 specifications.

Features

- Regulates the curing process to ensure full strength development.
- Provides curing, sealing, hardening, and dust proofing with a single application.
- Protects surfaces throughout the construction process.
- Effective under various weather conditions.
- Water-based (V.O.C. 52 g/L).
- Ideal for indoor / outdoor use and environmentally sensitive areas.
- Non-flammable and odor-free.
- Non-yellowing properties.

Uses

Apply Delta Cure & Seal to fresh concrete when the surface bleed water is evaporated and the workers can apply it without marking the surface. It is suitable for all types of vertical, horizontal, interior or exterior cementitious surfaces. Delta Cure & Seal forms a durable, high-gloss film that resists abrasion, common stains, cementitious droppings, and the penetration of most oils and greases. It also provides an excellent base for mastic and cutback adhesives used in resilient floor tile applications. Additionally, it helps prevent efflorescence, extending the life of carpets applied over it.

Properties

Appearance: White liquid, dries clear
Minimum Solids: >25%
Drying Time: 2-3 hours at room temperature (50% humidity)

Limitations

- Not suitable for use below 4°C.
- May not be compatible with other sealers & coatings
- Avoid freezing the uncured product.

Installation Method

New Concrete:

Apply a coat of Delta Cure & Seal at the specified coverage rate using a brush, a short nap (3/8") phenolic roller, or a low-pressure sprayer.

For optimal results, apply a second coat to enhance curing conditions. Allow a minimum of 4 hours for drying between coats, and refrain from heavy traffic until the concrete has adequately cured to support the intended loads.

Existing Concrete:

Thoroughly clean any and all surface contaminants. If the chemical makeup of the previous sealer is unknown a small test section is strongly recommended to check compatibility of Delta Cure & Seal and the old sealer. In case of non compliance, strip the surface down to bare concrete before applying two coats of Delta Cure & Seal using the same method as outlined for new concrete.

Coverage

New Concrete:

1st Coat: 200 - 400 ft²/U.S. gal.
2nd Coat: 300 - 400 ft²/U.S. gal.

Existing concrete:

1st Coat: 300 - 400 ft²/U.S. gal.
2nd Coat: 350 - 450 ft²/U.S. gal.

Storage

Keep away from freezing. Store in a cool, dry place.

Cleaning & Disposal

Wash tools and hands with warm, soapy water. To remove dried material use xylene. Consult municipality regarding the disposal of empty containers.

Packaging & Shelf Life

Delta Cure & Seal, 5 Gallon Bucket
1 year if remains unopened and be kept away from freezing.

Product Warranty

The sole remedy for goods not in conformance with any warranty is replacement of the product or return of purchase price. The Delta Coatings & Sealants Inc. shall not be liable for any other damages included but not limited to labor expenses

