

Two Component, 100% Solids Epoxy Primer for Concrete Surfaces

| | FEATURES | BENEFITS |
|-----------------------|--|---|
| | Quick Drying | • Minimizes wait time resulting in faster installations |
| | Zero VOC | • No VOC content / Meets VOC Standards |
| | Low Odor | • Perfect option for odor sensitive accounts/facilities |
| DESCRIPTION: | AlphaGuard C-Prime is a 100% solids, two component, epoxy penetrating primer. | |
| BASIC USES: | C-Prime is used to prime concrete block, decks, walls, parapets, and barriers which are being top coated with AlphaGuard MT. C-Prime is a zero VOC, fast drying, low odor primer suitable for use in hospital and school settings. | |
| PACKAGING: | AlphaGuard C-Prime is available in 4 gallon (15.1L) kits and 10 gallon (37.8L) kits. Product is provided as 2 parts: Part A and Part B. | |
| COVERAGE RATE: | 200 - 250 sq. ft. per gallon (5-6 m ² /L). | |
| APPLICATION: | <p>Surface Preparation: Concrete must be structurally sound, dry, free of grease, oils, coatings, dust, curing compounds and other contaminants. Surface laitance must be removed. The preferred method of surface preparation is mechanical abrasion. Remove oil, grease smear and asphalt residue with trisodium phosphate or a strong detergent. For oil contaminated surfaces, use steam cleaning in conjunction with a strong emulsifying detergent. Rinse thoroughly with potable water.</p> <p>After cleaning, remove defective concrete, honeycombs, cavities, joint cracks, voids and other defects by routing to sound material. Smooth precast and formed concrete surfaces must be cleaned, roughened and made absorptive by mechanical abrasion. Surface profile should be equal to CSP 3-6 in accordance with ICRI Guideline 310.2 at a minimum. If it is not possible to mechanically abrade, acid etch with a 15% Hydrochloric acid solution. After etching pressure wash or flush the surface with copious amounts of water to neutralize the surface. Care must be taken to ensure that all salts and residue from the reaction have been removed. The pH of the surface should be checked, as per ASTM D 4262, following acid etching.</p> <p>Following surface preparation, the cleaned surface should pull concrete when tested with an Elcometer or similar pull tester (ASTM D 4541). Before application of the coating, use the "Visqueen test" (ASTM D 4263) to evaluate moisture level in concrete. Any questions regarding drying times, coverage rates and unique application techniques regarding the individual primers should be directed to Tremco Technical Services or your local Tremco Field Representative.</p> <p>Application: Blend Parts A and B in equal volumes into a clean, dry mixing container. Mix using a powered Jiffy mixing paddle for 3 to 5 minutes. Tightly seal unmixed portions for later use.</p> <p>Apply with a clean brush or roller. Dry time is 3-4 hours at 75°F (24°C).</p> <p>Concrete must be structurally sound, dry, free of grease, oils, coatings,</p> | |

AlphaGuard® C-Prime

APPLICATION: (continued)

dust, curing compounds and other contaminants. Smooth precast and formed concrete surfaces must be cleaned, roughened and made absorptive by mechanical abrasion.

Always allow new concrete to cure a minimum of 28 days. Use the concrete dryness test to ensure concrete is properly cured before use.

LIMITATIONS:

- Do not apply over contaminated or damp surfaces.
- Do not thin.

TECHNICAL DATA:

Material Properties @75°F (24°C) – 50% RH

| | |
|------------------------------|------------|
| Mix ratio (A:B by vol) | 1:1 |
| Mixed viscosity, cps (mPas) | 300 to 400 |
| Gel time (100 gms.), mins | 30 to 40 |
| Pot life, 2 gal. (7.6L) mins | 10 to 20 |
| Mixed solids % by wt | 100 |
| Tack free time, hrs | 3 to 4 |

MAINTENANCE:

Your local Tremco Roofing Representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventative maintenance are all part of a sound roof program.

TECHNICAL SERVICES:

Your local Tremco Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications. The services of the Tremco Research Center, which has earned a unique reputation in weatherproofing technology, complement and extend the services of the Tremco Technical Service Staff.



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