SPECCRETE® SEALCOAT P-10
CEMENT BASED COATING FOR CONCRETE & MASONRY

PRODUCT DESCRIPTION: Specco Speccrete® Sealcoat P-10 is a blended Portland cement based compound formulated to fill, seal, waterproof and protect vertical, overhead, and non-traffic bearing horizontal concrete and masonry surfaces. Speccrete® Sealcoat P-10 is used interior or exterior, above or below grade where a seamless, breathing, waterproof coating is required. Typical applications include: foundations, concrete and masonry walls, parapets, median barriers, water tanks and reservoirs, tunnels, cisterns, retaining walls and basements. Speccrete® Sealcoat P-10 may also be used to hide blemishes and surface defects in architectural concrete. Speccrete® Sealcoat P-10 can be modified with Specco B-20 Bonder polymer solution for enhanced properties and improved durability. Standard colors are gray and white.

BENEFITS:
- Protects building interiors from dampness and Speccrete® Sealcoat P-10 moisture damage
- Cured coating becomes an integral part of the wall or substrate
- Highly resistant to wind driven rain and standing water
- Exhibits good chemical resistance
- Available in 3 shades: gray, white, and pearl gray

COMPOSITION: Cements selected and finely graded aggregates, waterproofing agents and surface rheology modifiers.

LEED CREDIT CONSIDERATIONS: MR Credit 1.2-Building re-use. Indoor Environmental Quality. MR Credits 5.2: Regional materials- Greater than 20% extracted, processed and manufactured regionally at production location: Lemont, Illinois 60439. 90% Content- Harvested within 500 miles.

TECHNICAL DATA: Complies with Federal Specification TT-P21 Type I Class A

| Working and Performance Properties @ 70°F (21°C) —Approximate Values: |
|-------------------|-----------------|
| Density (Wet mix) per ASTM C 138: | 130 lbs./cu.ft. (2.08 kg./cu. m.) |
| Working time (pot life): | 45-90 minutes |
| Yield – for a base coat @ rate of 2 lb/sq. yd. | 225 sq. ft / 50 lb bag (20.9 sq. m./22.7 kg)* |
| Yield – for a topcoat @ rate of 1 lb/sq. yd. | 450 sq. ft / 50 lb bag (41.8 sq. m./22.7 kg)* |
| Total combined average thickness @ 1/16” (1.6 mm) @ 3 lb/sq.yd | 150 sq. ft / 50 lb bag (13.9 sq. m./22.7 kg)* |
| ASTM C-109 Compressive Strength: 7 day | 4700 psi |
| ASTM C-109 Compressive Strength: 28 day | 6800 psi |
| ASTM C-348 Flexural Strength: 7 day | 390 psi |
| ASTM C-348 Flexural Strength: 28 day | 895 psi |
| ASTM C-190 Tensile Strength: 7 day | 345 psi |
| ASTM C-190 Tensile Strength: 28 day | 405 psi |
| ASTM C-67 Absorption, PCT 24 Hour Soak / 5 hour boil: | 4.6%/4.7% |
| ASTM C-672, Freeze-Thaw Resistance, PCT-Loss at 50 cycles: | 1.20% |

*Note-Coverage will vary depending on surface texture and porosity

DIRECTIONS FOR USE: SURFACE PREPARATION: Surfaces to be coated must be structurally sound, clean and free of dirt, dust, oil, paint and all contaminants that could contribute to loss of bond of Speccrete® Sealcoat P-10 to the substrate. Roughen or blast extremely smooth surfaces such as precast or cast-in-place concrete to ensure good mechanical adhesion of Speccrete® Sealcoat P-10. New concrete and masonry surfaces must be cured 28 days. Repair all surface defects, water leaks, cracks and voids prior to applying Speccrete® Sealcoat P-10. Dampen the surface with potable water immediately before the application of Speccrete® Sealcoat P-10.
MIXING: Mechanically mix Speccrete® P-10 using a slow speed motor and paddle mixer for best results. Mix 1 part Specco B-20 Bonder with 3 parts potable water to make a mixing liquid. Each 50 lb. bag of Speccrete® Sealcoat P-10 will require 2.0 gallons of mixing liquid (0.5 gallon B-20 and 1.5 gallon water) for proper consistency. Mechanically mix for 2-3 minutes, until lump free and a smooth "pancake batter" consistency is obtained. Allow the mixed Speccrete® Sealcoat P-10 to "fatten" for 5-10 minutes. If the material is too thick, adjust to a brush consistency by adding additional mixing liquid and re-mix.

APPLICATION: Dampen the entire surface with potable water immediately before the application of Speccrete® Sealcoat P-10. Apply Speccrete® Sealcoat P-10 with either a mason’s hand brush with stiff bristles, a larger push broom of the same stiff bristle type. Apply enough material to fill the voids, placing the material into the substrate using horizontal strokes for coating consistency. It is important to work the first coat thoroughly into the substrate to completely fill and cover all voids, holes, and non-moving cracks. Do not over-brush. For ordinary wall waterproofing conditions, apply Speccrete® Sealcoat P-10 in two coats with 24 hours drying time between the initial coat and the finish coat. Apply the base coat at 2 lbs/sq. yd (1.1 kg/m²) and the finish coat at 1 lb/sq. yd (0.54kg/m²) for a total of 3 lbs/sq. yd (1.6 kg/m²). One 50 lb. bag of Speccrete® Sealcoat P-10 will cover 150 square feet in two coats resulting in a coating approximately 1/16" thick cured nominal thickness. For severe water pressure, double the pounds per square yard or apply additional coats. If a primer is required, use Specco B-20 Bonder and apply at approximate 100-150 square feet per gallon and allow the primer to dry before applying Speccrete® Sealcoat P-10.

CAUTIONS: Do not apply Speccrete® Sealcoat P-10 to frozen or frost filled surfaces or when the temperature is below 40º F. Do not apply to previously painted surfaces. Do not apply to substrates with active water leaks or moving cracks. Patch all water leaks with suitable hydraulic cement such as Specco Speccrete® Speccoplug, and any cracks with an appropriate epoxy or urethane injection resin. windy, dry, or hot conditions may require re-wetting of Speccrete® Sealcoat P-10 during cure and the use of polyethylene barriers. Higher application temperatures and low relative humidity can shorten working pot life. Speccrete® Sealcoat P-10 is meant to go on the substrate in thin layers.

GHS HAZARD RATINGS: DANGER:

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WARNINGS: HEALTH HAZARD & IRRITANT: This product contains both Portland cement & crystalline silica (a known carcinogen). It is established that prolonged breathing of crystalline silica dust over time will increase the risk of serious lung disease (Silicosis). Refer to product S.D.S. (SAFETY DATA SHEET) for FIRST AID INFORMATION, or any related health and safety information before using this product. For medical emergencies only, call INFOTRAC @ 800-535-5053.

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. Avoid Inhalation of these dusts and any prolonged, direct contact with skin. Wear chemical resistant gloves, safety goggles, and O.S.H.A. /N.I.O.S.H. approved respirator during mixing and placement. Keep away from food and drink. Wash hands thoroughly after use and before eating. Do not take internally.

NPCS HMIS SAFETY RATINGS: HEALTH = 2, FLAMMABILITY = 0, REACTIVITY = 0, PROTECTION = E

STORAGE / SHELF LIFE: 40º to 90º F / 1 year properly stored in dry, cool area.

PACKAGING: 50 lb. (22.72 kg) bags

WARRANTY: Specco Industries Inc. (Specco) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Specco, no other representations or statements made by Specco or its representatives, in writing or orally, shall alter this warranty. SPECCO MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Specco product fails to conform with this warranty, Specco will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Specco does not authorize anyone on its behalf to make any written or oral statements which in any way alter Specco’s installation information or instructions in its product literature or on its packaging labels. Specco explicitly excludes any...
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