



# 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 Concentrate* polymer solution for enhanced bonding properties and improved durability.

**BENEFITS:**

- Protects building interiors from dampness and 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

**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. me.)
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. me./ 22.7 kg)*
Yield – for a topcoat @ rate of 1 lb./sq. yd.	450 sq. ft / 50 lb. bag (41.8 sq. me./ 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. me./ 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 contaminates 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® Sealcote 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 Concentrate* 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 Concentrate and 1.5 gallon water) for proper consistency.



601 NORTH 5TH AVE • KANKAKEE, IL • 60901  
630-257-5060 [SPECCO.com](http://SPECCO.com)





**MIXING (Continued):** 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. **Speccrete® Sealcoat P-10** should be applied in thin layers. 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 lb./ sq. yd (1.1 kg/ m<sup>2</sup>) and the finish coat at 1 lb./sq. yd (0.54kg/m<sup>2</sup>) for a total of 3 lb./ sq. yd (1.6 kg/ m<sup>2</sup>). 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, dilute **Specco B-20 Concentrate with equal parts of water by volume** 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 40° F. Do not apply to previously painted surfaces. **Speccrete® Sealcoat P-10** should not be painted over when cured as the formula contains water repelling additives that may contribute to inter-coat adhesion loss of subsequent applied coatings. 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 such as **Specco U-mix Flex Foam**. Windy, dry, or hot conditions may require re-wetting of **Speccrete® Sealcoat P-10** during cure and the use of polyethylene barriers (wind breaks) to prevent surface craze cracking. Higher application temperatures and low relative humidity can shorten working pot life.

**GHS HAZARD RATINGS: DANGER:**



Irritant-Respiratory Tract Irritation.



Health Hazard: Known carcinogen



Health Hazard: Corrosive Material

**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:** 40° to 90° 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. No other representations or statements made by Specco 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. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages.

Specco explicitly excludes any written or oral statements or implied warranty on the performance of an applied/installed product manufactured or sold by Specco or through a Specco authorized distributor or reseller. Specco has no control over adherence to Specco's application standards, site conditions, atmospheric variations, installer/applicator skill level or the determination of the suitability of any Specco products for a specific intended purpose. Buyer shall be solely responsible for determining the suitability of Specco's products for the Buyer's intended purposes. REVISED: 06-12-23-W



601 NORTH 5TH AVE • KANKAKEE, IL • 60901  
630-257-5060 **SPECCO.com**

