



SPECCRETE® CONCRETE WIPE

POLYMER MODIFIED CEMENT BASED FINISHING COATING

SPECCRETE® Concrete Wipe is a cement-based, moderate setting, polymer modified finishing coating used for filling and covering up small voids, cracks, or minor surface imperfections. **SPECCRETE® Concrete Wipe** requires only potable water for mixing and achieves a fast final set within 1.0 -1.5 hours. Typical uses include wiping or painting of precast surfaces such as concrete pipe bells or on precast tilt up panels as a surface finish. **SPECCRETE® Concrete Wipe** contains very fine aggregates to achieve a smooth finish that has high durability and bond. **SPECCRETE® Concrete Wipe** is available in a range of various colors and textures to match the existing concrete shade.

BENEFITS:

- Improves surface appearance of precast
- Polymer modified for improved bond & durability during sanding or finishing
- Recycled content qualifies for applicable LEEDS credits
- Light gray concrete color
- Can be feather edged without additional bonding agent
- Resistant to freeze-thaw cycles & alkali attack

COMPOSITION: Blend of Portland and fast setting CSA based cements, cementitious pozzolans, polymer modifiers, and fine aggregates.

LEED INFORMATION: MR Credits 4.1: Recycled content-Pre-consumer content = Greater than 10%. **MR Credits 5.1 and 5.2:** Regional materials- Greater than 20% extracted, processed and manufactured regionally at production location: Lemont, Illinois 60439. 100% Content- Harvested within 500 miles

TECHNICAL DATA:

WORKING & PERFORMANCE PROPERTIES @ 70° F (21° C) (APPROXIMATE):	
Initial Set per ASTM C-403:	15-20 minutes
Final Set per ASTM C-403:	1.00-1.50 hours
Coverage:	Approximately 96 sq. ft./ bag at 1/16" thick

*Mixed at 22% water to powder ratio= 9.90 lb. (4.75 quarts) water/ 45 lb. bag

DIRECTIONS FOR USE: Surfaces must be structurally sound, clean and free of oil, grease, dirt and all contaminants. First patch any holes or surface voids that are greater than 1/8 inch in depth with **Speccrete Thin Repair** patching compound (refer to **Thin Repair** technical data sheet for application instructions). After the **Thin Repair** patches have achieved final set (approx. 2-2.50 hours depending on application temperature), thoroughly saturate the area with potable water prior to placing **SPECCRETE® Concrete Wipe**. Remove excess water from remaining holes and voids just prior to placing **SPECCRETE® Concrete Wipe** to prevent dilution of the material.

MIXING: Add 4.75 quarts (4.48 liters) of water to each 45lb. unit of **SPECCRETE® Concrete Wipe**. Mix small quantities in a clean container with a hand trowel. Larger quantities may be mixed with a slow speed motor and Jiffy style paddle mixer or in a rotary mixer with rubber tip blades. Mix thoroughly for a minimum of 3-5 minutes. The mixed product should have a creamy, thick batter like consistency that will start to stiffen at approximately 10-15 minutes. **SPECCRETE® Concrete Wipe** is formulated to allow application of the slurry mix by a stiff bristle brush or by use of a gloved hand at approx. 1/16 inch. Thicker mix consistencies can be applied with a trowel. **The maximum recommended application thickness is 1/8 inch per coat.** Once the material has been applied, do not re-disturb the surface or re-apply a second coat until the first coat has had a chance to cure out and has reached sufficient hardness (typically 2.0-3.0 hours depending on application temperature).

CAUTIONS: ALWAYS PRE-DAMPEN THE CONCRETE SURFACE TO A SSD (SATURATED SURFACE DRY) CONDITION BEFORE APPLICATION TO PREVENT MOISTURE PULL OUT AND POSSIBLE SHRINKAGE AS WELL AS POSSIBLE SHADING DIFFERENCES IN THE



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FINAL COATING. Do not apply in applications over 1/8 inch maximum thickness, the preferred application is 1/16 inch thickness. Do not use **SPECCRETE® Concrete Wipe** if the temperature is below 45° F (7.2 ° C) and dropping or above 90° F (25 °C) and rising. Do not apply to frozen or frost filled surfaces. Do not re-temper the mix or add more water than is recommended. Do not add excess water to the mix as it can weaken the final coating bond as well as increase overall shrinkage cracking potential. For large panel applications, it is imperative that the water addition be accurately measured to obtain a uniform color consistency. Colder temperatures will delay set times and rate of strength gain. Do not cure with solvent based curing compounds. Use only potable water for mixing.

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

PACKAGING: 45 lb. bag (20.45 kg), 50 bags / pallet,

SHELF LIFE: 1 year

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.*

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