

# **SPECCRETE® CONCRETE WIPE**

## **POLYMER MODIFIED CEMENT BASED FINISHING COATING**

**PRODUCT DESCRIPTION:** Specco 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 set within 1.5 -2.0 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:** Applicable credits: **Contributes to the following LEED points**

**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:**

<b>WORKING &amp; PERFORMANCE PROPERTIES @ 70° F (21° C) (APPROXIMATE):</b>	
<b>Yield per 45 lb. Unit:</b>	0.41 cubic feet
<b>Initial Set per ASTM C-403:</b>	1.5 hours
<b>Final Set per ASTM C-403:</b>	2.0 hours

**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 V-40 Vinyl Patch Cement (refer to Speccrete V-40 technical data sheet for application instructions). After this material has achieved final set (approx. 2-3 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 approximately 4.5-5.5 quarts (4.27-5.18 liters) of water to each 45 lb. 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 30-40 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. 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 2-3 hours depending on application temperature).

**CAUTIONS:** Always pre-dampen the concrete surface before application to prevent moisture pull out (shrinkage) and possible shading differences of the Speccrete Concrete Wipe coating. 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. 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.

**WARNINGS:** Contains cement and silica, avoid inhalation of dust. Wear gloves, safety goggles, and NIOSH/MSHA approved dust respirator during mixing and placement. Use only with adequate ventilation. Refer to product M.S.D.S. (Material Safety Data Sheet) for additional safety information. Do not take internally. Avoid prolonged contact with skin. **FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.** If inhalation or exposure causes any physical discomfort or irritation that persists, **SEEK MEDICAL ATTENTION.**

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

**PACKAGING:** 45 lb. (20.45 kg) bags

**STORAGE:** 40° to 90° F

**SHELF LIFE:** 1 year properly stored

**FREIGHT CLASS:** ITEM 42130, SUB 0, LTL 50

**LIMITED WARRANTY:** This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product.

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