

SPECCRETE® STONE SET BEDDING MORTAR FOR BRICK & CULTURED STONE

PRODUCT DESCRIPTION: Specco Speccrete® Stone Set is a pre-blended cementitious material used to apply stone, cultured stone or brick to vertical surfaces. Mixed with only potable water, Speccrete® Stone Set provides a viscous mortar which exhibits superior adhesion properties. Speccrete® Stone Set achieves 5000 psi in 28 days and does not shrink, crack or bleed. Speccrete® Stone Set is formulated in a light gray color and may be pigmented using synthetic iron oxides.

BENEFITS: EXHIBITS HIGH ADHESION & CLING FOR VERTICAL MASONRY APPLICATIONS...OBTAINS HIGHER COMPRESSIVE STRENGTHS THAN TRADITIONAL MORTAR MIXES...VISCOSITY MODIFIED FOR IMPROVED HYDRATION WITH NO SHRINKAGE CRACKING OR SURFACE BLEED

COMPOSITION: Portland cement, selected aggregates with viscosity modifiers

TECHNICAL DATA:

WORKING & PERFORMANCE PROPERTIES @ 70° F (21° C) (APPROXIMATE):

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| Yield per 50 lb. Bag: | 0.46 cubic feet |
| Coverage per 50 lb. Bag: | 20 square feet at ¼ inch thickness |

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| Initial Set per ASTM C-403: | 1 hour and 30 minutes |
| Final Set per ASTM C-403: | 2 hours and 15 minutes |

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| Compressive Strength per ASTM C-109 | |
| 1 day: | 2100 p.s.i. (14.7 Mpa) |
| 3 days: | 3800 p.s.i. (26.6 Mpa) |
| 7days: | 4525 p.s.i. (31.7 Mpa) |
| 28 days: | 5400 p.s.i. (37.8 Mpa) |

DIRECTIONS FOR USE: Fasten plaster lath or wire mesh securely to the surface to be covered. Speccrete® Stone Set will require 1 gallon (3.78 liters) of potable water per 50 lb. bag. Mix small quantities in a clean container with a hand trowel. Larger quantities may be mixed with a slow speed mortar and paddle mixer or in a rotary mixer with rubber tip blades. Pigment may be added to Speccrete® Stone Set as instructed by the pigment manufacturer. Blend pigment into the dry powder before adding water. Make sure to keep water additions the same with each batch to ensure color uniformity as additional water will exhibit lighter shades.

Place Speccrete® Stone Set immediately after mixing. Use a serrated trowel to spread the material evenly over the lathed area. Also apply Speccrete® Stone Set to the back of the stone or brick to be set. Press the stone in place squeezing out the excess material. Apply the mixed material within one hour of mixing. Use a jointer tool to finish and swipe joints.

CAUTIONS: Use only potable water for mixing. Adding additional water to the mixed material other than what is recommended will result in slower set times, lower ultimate compressive strengths, and possible shrinkage crack formation. Speccrete® Stone Set is to be used as a base "bedding mortar" only and is not recommended as a topping mortar due to its high cement concentration. Mixing Speccrete® Stone Set with any additional mortars or aggregates will vary end properties and is not recommended. Do not apply Speccrete® Stone Set if the temperature is below 40° F (4° C) and dropping or above 90° F (32° C) and rising. Do not apply to frozen or frost filled surfaces. Protect from excessive sun and wind exposure, as well as temperature extremes that could prevent inadequate curing.

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: 50# (22.70 kg) bag

STORAGE: 40° to 90° F

SHELF LIFE: 1 year properly stored

FREIGHT CLASS: Class 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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