



09 DIVISION
STUCCO

SCRATCH & BROWN FIBER REINFORCED STUCCO



Maximum Adhesion. Consistent Every Batch.

SPEC MIX® Scratch & Brown Fiber Reinforced Stucco is engineered and preblended to provide superior consistency and durability when used as the scratch and/or brown coat in three-coat wall systems. SPEC MIX Scratch & Brown Fiber Reinforced Stucco is a custom blend of cementitious materials, additives, aggregates and alkali resistant fibers meeting ASTM C 926 requirements. The special sand gradation used provides excellent workability and finishing properties for the applicator as well as increases the flexural strength of the wall while reducing cracking and crazing common with traditional field-mixed stucco. To ensure uniformity and quality, each ingredient of the finished product is individually weighed before all the raw materials are thoroughly blended, bagged and delivered.

SPEC MIX Scratch & Brown Fiber Reinforced Stucco can be installed over framed wall construction that includes a solid backing such as fiberboard, gypsum sheathing and wood based sheathing. The product's adhesion properties and versatility make it the perfect basecoat when applied over concrete and masonry substrates. SPEC MIX Scratch & Brown Fiber Reinforced Stucco is produced under strict manufacturing standards, and complete quality control measures are implemented with each batch. A digital printout displaying the proper proportions per batch may be kept as a permanent record. Submittals are available upon request for certification to applicable ASTM standards.

TYPICAL MATERIALS

PPORTLAND CEMENT
HYDRATED LIME
SAND
ALKALINE RESISTANT FIBERS
PERFORMANCE ADMIXTURES



(SU-04)



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INSTALLATION/APPLICATION

SPEC MIX Scratch and Brown Fiber Reinforced Stucco is designed for use over galvanized, expanded metal lath or solid base surfaces such as masonry or precast concrete. The material can be hand applied or machine sprayed. Installation of stucco over these surfaces shall be in accordance With ASTM C 926, and all applicable building codes. Dampen all surfaces to receive stucco prior to application. An expansion joint should be installed at dissimilar materials.

Stucco shall be used and placed in final position within one hour after initial mixing. Variation of water content and retempering will affect strength, consistency and uniformity. SPEC MIX products must be kept dry, covered and protected from weather and other damage.

SIZES AND EQUIPMENT

SPEC MIX Scratch & Brown Fiber Reinforced Stucco is available in 80 lb (36.2 kg) packages for easy hand loading or in 3,000 lb (1,360.7 kg) reusable bulk bags to be used with the various SPEC MIX silo systems. When using the silo system, once the bulk bags of stucco are delivered to the project site, the portable silo is loaded with a jobsite forklift and the product is dispensed into a mechanical batch mixer.

MIXING INSTRUCTIONS

WEAR IMPERVIOUS GLOVES, such as nitrile.

1. Add approximately 1.2 to 1.5 gallons (4.5 to 5.7 liters) of clean water into the mixer for each 80 lb (36.2 kg) bag.
2. Slowly pour the contents of the bag(s) into the mixer.
3. Mix for 5 minutes until a firm, workable consistency is achieved. Avoid over mixing as this may affect the integrity of the finished product.
4. If more water is needed, add small amounts at a time and continue to mix until the desired consistency is achieved. Do not exceed a total volume of 1.75 gallons (6.6 liters) of water for each 80 lb (36.2 kg) bag.
5. Keep mixing times and procedures the same every batch. Over mixing may entrain air, which can adversely affect plastic and hardened stucco properties. Prepare only as much mix as can be applied in one hour.

CURING: Stucco must be water cured with a fine mist once it has achieved final set. Care must be exercised when moist curing to avoid erosion damage to plaster surfaces. Spray the wall periodically for 48 hours. During hot and

ESTIMATED YIELDS

Package Weight	Thickness	Coverage
80 lb (36.2 kg)	3/8 in (9.5 mm)	20 to 24 ft ² (1.8 to 2.2 m ²)
80 lb (36.2 kg)	1/2 in (13 mm)	15 to 18 ft ² (1.4 to 1.7 m ²)
80 lb (36.2 kg)	3/4 in (19 mm)	10 to 12 ft ² (0.9 to 1.1 m ²)
3,000 lb (1,360.7 kg)	3/8 in (9.5 mm)	750 to 900 ft ² (70 to 84 m ²)
3,000 lb (1,360.7 kg)	1/2 in (13 mm)	560 to 675 ft ² (52 to 63 m ²)
3,000 lb (1,360.7 kg)	3/4 in (19 mm)	375 to 450 ft ² (35 to 42 m ²)

Note: The yields given above are approximate and depend on labor practices, site conditions and design of work. Yields include typical waste. Please contact your local representative for more specific yield information in your area.



dry conditions, additional precautions may be necessary, including more frequent spraying or the erection of barriers to deflect sunlight and wind.

LIMITATIONS

SPEC MIX Scratch & Brown Fiber Reinforced Stucco should be installed in accordance with the provisions of the local building code and applicable ASTM standards. Good workmanship coupled with proper detailing and design assures durable, functional, watertight construction. Follow proper cold-weather and hot-weather application procedures at temperatures below 40 °F (4 °C) or above 100 °F (38 °C) respectively.

LIMITED WARRANTY

SPEC MIX, Inc. warrants this product to be of merchantable quality when used or applied in accordance with the instructions hereon. This product is not warranted as 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 its product (as purchased) if found to be

defective, or at the shipping company's option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to SPEC MIX, Inc. in writing at: One Securities Centre, 3490 Piedmont Road, Suite 1300, Atlanta, GA 30305. THIS WARRANTY IS ISSUED AND ACCEPTED IN LIEU OF ALL OTHER EXPRESS WARRANTIES AND EXPRESSLY EXCLUDES LIABILITY FOR CONSEQUENTIAL DAMAGES.

TECHNICAL SUPPORT

- CONTACT YOUR LOCAL SPEC MIX® MANUFACTURER
- VISIT WWW.SPECMIX.COM
- CONTACT SPEC MIX®, INC.
PHONE: 888-SPEC MIX FAX: 651-454-5315