



1. Product Name

SPEC MIX® Preblended Stucco

- Scratch & Brown
- Colored Finish Coat

2. Manufacturer

SPEC MIX, Inc.
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3. Product Description

SPEC MIX® Scratch & Brown and Colored Finish Coat are dry, preblended, cement based products and aggregates designed to be used as the scratch or brown coat and finish coat in a 3-coat stucco application. The Scratch & Brown product can also be used as the first coat in a 2-coat application for exterior stucco for traditional stucco applications. SPEC MIX Scratch & Brown and Colored Finish Coat stucco are computer batched and completely preblended with aggregates requiring only water to meet ASTM C926 specification. The final mix for Scratch & Brown Coat is a blend of Portland cement or masonry cement, lime and sand formulated to produce a cohesive material with consistent workability and strength to reduce surface cracking.

Colored Finish Coat stucco is a custom preblended mixture of white Portland cement and lime or white masonry cement, color stable pigments, admixtures and dried silica sand. This formulation produces a cohesive, consistent material with superior workability and bond. Colored Finish Coat is available in virtually every color in the spectrum, with pigments meeting the criteria of ASTM C979.

To consistently achieve the desired color, each SPEC MIX manufacturer incorporates the pigment into the stucco during the factory blending process. No field measuring of any material is required. Contact a local representative for stucco color samples.



SPEC MIX is produced under strict manufacturing standards and complete quality control is in effect with each batch. A digital printout displaying the proper proportions per batch may be kept as a permanent record. Each SPEC MIX manufacturer certifies that SPEC MIX stucco products are designed to meet the project specification and ASTM standards.

SIZES & EQUIPMENT

SPEC MIX Scratch & Brown stucco and Colored Finish Coat stucco are available in 80 or 94 lb (36 or 42 kg) packages for easy hand loading or in 3000 lb (1362 kg) reusable bulk bags to be used with the various patented 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 the mixer as needed. Just add water to the mix and the Scratch & Brown or Colored Finish Coat stucco is ready.

4. Technical Data

APPLICABLE STANDARDS

- ASTM International
- ASTM C91 Standard Specification for Masonry Cement
 - ASTM C109 Standard Test Method for Compressive Strength of Hydraulic Cement Mortars
 - ASTM C144 Standard Specification for Aggregate for Masonry Mortar
 - ASTM C150 Standard Specification for Portland Cement
 - ASTM C207 Standard Specification for Hydrated Lime for Masonry Purposes
 - ASTM C595 Standard Specification for Blended Hydraulic Cements
 - ASTM C897 Standard Specification for Aggregate for Job-Mixed Portland Cement-Based Plasters
 - ASTM C926 Standard Specification for Application of Portland Cement-Based Plaster

- ASTM C979 Standard Specification for Pigments Used to Integrally Color Concrete
- ASTM C1328 Standard Specification for Plastic Cement

5. Installation

SPEC MIX Scratch & Brown Coat should be installed in accordance with the provisions of the local building code.

MIXING

Mixing is best accomplished by using a mechanical batch mixer to ensure homogeneity, workability and good board life. Use clean, potable water and add the maximum amount consistent with optimum workability. Mixing times are 5 minutes and should be held consistent from batch to batch. Follow the mixing instructions below when mixing 80 lb (36 kg) bags. For silo mixing instructions, contact local manufacturer or SPEC MIX, Inc.

- To begin, place 2/3 of the required potable water into the mechanical mixer. One bag requires approximately 1 - 2 gal (3.8 - 7.6 L) of water. There is no sand to shovel
- Dispense one bag of SPEC MIX Scratch & Brown stucco or Colored Finish Coat into the mixer. Add the remaining amount of water necessary to achieve the desired consistency





Computerized batching for quality assurance

- Maintain water/cement ratios and the same mixing procedures to ensure consistency throughout the project

APPLICATION

SPEC MIX Scratch & Brown stucco is designed for use over galvanized, expanded metal lath or solid base surfaces such as masonry or pre-cast concrete. The material can be hand applied or machine sprayed. Installation of stucco over these surfaces shall be in accordance with ASTM C926 and all applicable building codes.

- Mix only the amount of SPEC MIX Scratch & Brown stucco that can be applied in less than 1 hour. Variation of water content and retempering will affect strength, consistency and uniformity
- Dampen all surfaces to receive stucco prior to application
- Keep stucco moist for 2 days after application
- Do not apply additional water during application
- A positive joint should be provided at the junction to all thermally incompatible materials



Preblended stucco with durability and aesthetic appeal

- Provide sufficient moisture to permit continuous hydration of the cementitious materials for optimal curing

PRECAUTIONS

Depending on jobsite conditions and climate, lightly spray the stucco surface with water for optimal curing. During hot and dry weather, additional misting may be required or the stucco may need to be covered.

This procedure should be repeated for several days following stucco application. For safety reasons, note that fresh stucco will cause irritation to the skin.

Contact should be avoided. If contact does occur, flush the affected area with water. If contact with the eyes occurs, flush vigorously with water and seek medical attention.

6. Availability & Cost

AVAILABILITY

SPEC MIX materials and the patented silo distribution system are available through a network of national licensed manufacturers with local distribution to every major market. Contact manufacturer for more information.

COST

Budget installed cost information may be obtained from a local SPEC MIX manufacturer or through SPEC MIX, Inc.

7. Warranty

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, express or implied, including, but not limited to, those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that, except for claims for bodily injury, Seller's liability to the Buyer or any third party, arising out of the purchase of the Product from the Seller by Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

8. Maintenance

Properly mixed and installed stucco requires little to no maintenance. Depending on the site conditions, stucco walls may require periodic cleaning to remove dirt and dust.



Patented Material Delivery System

9. Technical Services

For technical assistance, contact SPEC MIX, Inc., or the local SPEC MIX manufacturer. For general information, visit www.specmix.com.

10. Filing Systems

- First Source™
- Additional product information is available from the manufacturer upon request.