



STONE VENEER MORTAR

1-888-SPECMIX

DIVISION **04**
MASONRY PRODUCTS



Optimal Bond. Highly Durable.

SPEC MIX® Stone Veneer Mortar is a blend of dry cementitious materials and masonry sand specifically designed to provide superior bond for precast, lightweight masonry veneer units to base surfaces. The final wall system will produce a nonload-bearing, aesthetically pleasing exterior veneer or interior finish on

concrete or masonry walls, studs walls or metal buildings. It is formulated to produce a cohesive material with consistent workability and optimal bond strength.

SPEC MIX® Stone Veneer Mortar 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. Each SPEC MIX® manufacturer certifies that SPEC MIX® masonry products are designed to meet the project specifications and applicable ASTM standards.

MATERIALS USED

CEMENT
HYDRATED LIME
PERFORMANCE ADMIXTURES
SAND



TOTAL QUALITY CONTROL WITH EVERY BAG
SPECIFICALLY FORMULATED FOR OPTIMAL
BOND AND REDUCED CRACKING
PREBLENDED WITH SAND TO MINIMIZE LABOR COST
CONSISTENCY BATCH TO BATCH
GREAT WORKABILITY AND BOARD LIFE
NO SAND PILES OR WASTED MATERIALS LEFT ON SITE

INSTALLATION/APPLICATION

SPEC MIX® Stone Veneer Mortar should be installed in accordance with the provision of the local building codes. These products should also be installed in accordance with the instructions and requirements provided by the manufacturer of the precast stone or brick. Prior to installation, all surfaces should be clean of dust and debris, as well as washed, before applying mortar. A water-resistant barrier should be applied to surfaces other than concrete masonry.

Using a trowel, apply SPEC MIX® Stone Veneer Mortar ½ to ¾ inch (1.27-19.1 mm) thick to surface. Before the mortar begins to harden, use a notched trowel to “scratch” the mortar surface. Coat the back of each unit with mortar and press it firmly into place until the excess material extrudes from the sides of the unit. Once all units are in place, fill each joint with Stone Veneer Mortar by using a grout bag, trowel and a tuckpointing tool or gun.

When mixing, a mechanical batch mixer best ensures homogeneity, workability and good board life. Use clean, potable water and add the maximum amount consistent with optimum workability. Mixing time is five minutes and should be consistent from batch to batch. Tool mortar joints when the surface is thumb-print hard. Keep tooling time consistent. Do not strike joints too early or too late as the color will not remain consistent with the mock-up panel. Hand mixing mortar should be permitted only with written approval by the specifier who should outline hand-mixing procedures. Mortar should be cured a minimum of 28 days. Clean masonry only with potable water.

Mortar shall be used and placed in final position within one hour after initial mixing or discarded at that time. Do not retemper colored SPEC MIX® Stone Veneer Mortar by adding additional water. SPEC MIX® products are custom packaged to the specification. They must be kept dry, covered and protected from weather and other damage.

SIZES AND EQUIPMENT

SPEC MIX® Stone Veneer Mortar is available in 80 lb. (36 kg.) or 94 lb. (42 kg.) apackages 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 mortar 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.

WARRANTY

Seller warrants that its Product will conform to and perform in accordance with the product specifications. The foregoing warranty is in

APPLICABLE STANDARDS: ASTM

ASTM C 91 STANDARD SPECIFICATION FOR MASONRY CEMENT: **ASTM C 109** STANDARD TEST METHOD FOR COMPRESSIVE STRENGTH OF HYDRAULIC CEMENT MORTARS: **ASTM C 144** STANDARD SPECIFICATION FOR AGGREGATE FOR MASONRY MORTAR: **ASTM C 150** STANDARD SPECIFICATION FOR PORTLAND CEMENT: **ASTM C 207** STANDARD SPECIFICATION FOR HYDRATED LIME FOR MASONRY PURPOSES: **ASTM C 270** STANDARD SPECIFICATION FOR MORTAR FOR UNIT MASONRY: **ASTM C 595** STANDARD SPECIFICATION FOR BLENDED HYDRAULIC CEMENTS: **ASTM C 897** STANDARD SPECIFICATION FOR AGGREGATE FOR JOB-MIXED PORTLAND CEMENT BASED PLASTER: **ASTM C 926** STANDARD SPECIFICATION FOR APPLICATION OF PORTLAND CEMENT BASED PLASTER: **ASTM C 979** STANDARD SPECIFICATION FOR PIGMENTS FOR INTEGRALLY COLORED CONCRETE: **ASTM C 1329** STANDARD SPECIFICATION FOR MORTAR CEMENT



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 shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

LIMITATIONS

SPEC MIX® Stone Veneer Mortar should be installed in accordance with the provisions of the local building code and applicable to ASTM standards. Good workmanship coupled with proper detailing and design assures durable, functional, watertight construction.

PRECAUTIONS

Safety glasses and a dust mask are recommended when handling any mortar mixture containing silica. The cementitious materials mixed onsite are alkaline in nature and on contact with water will irritate the eyes and skin. If contact with eyes occurs, flood eyes repeatedly with clean water and see a physician immediately. Do not rub eyes. Wash hands thoroughly after handling or before eating. Do not take internally. Keep out of reach of children.

TECHNICAL SUPPORT

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