



JOINT GROUT STONE VENEER MORTAR

U.S.A.

1-888-SPECMIX

DIVISION **04**
MASONRY PRODUCTS



Excellent Workability. High Durability.

SPEC MIX® Stone Veneer Mortar Joint Grout is a blend of dry cementitious materials and masonry sand specifically designed to fill the joints between various precast, lightweight masonry veneer systems. For applications utilizing a mason's grout bag, Joint Grout mortar is formulated for clean installation and good flow to eliminate clogging of the grout bag. Available in standard or custom colors, Joint Grout can either complement or contrast any veneer wall

MATERIALS USED

- CEMENT
- HYDRATED LIME
- PERFORMANCE ADMIXTURES
- SAND

based on the color(s) selected for the project. For special performance properties, Joint Grout can also be preblended with air-entrainment admixtures to resist freeze-thaw conditions, while increasing flow and durability. Ultimately, the final wall system will produce a nonload-bearing, aesthetically appealing exterior veneer or interior finish on concrete, masonry, metal stud walls or wood and lath substrates.

SPEC MIX® Stone Veneer Mortar Joint Grout 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.



- 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 Joint Grout should be installed in accordance with the provisions of the local building codes and applicable ASTM standards. 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 Joint Grout. Apply Joint Grout over SPEC MIX® Stone Veneer Scratch and Base between the stone veneer units. Use either a trowel and tuckpointing tool or a mortar bag to place Joint Grout. Use of a tuckpointing gun is also an acceptable means of placing Joint Grout. Once applied, trowel, rake and/or brush to the desired finish. To avoid rapid hardening and/or excessive water loss due to evaporation, apply Joint Grout only in working areas less than five to 10 feet.

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. Keep tooling time consistent. 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 Joint Grout 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 Joint Grout is available in 80 lb. (36 kg.) or 94 lb. (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 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.

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



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

LIMITATIONS

SPEC MIX® Stone Veneer Mortar Joint Grout 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.

PRECAUTIONS

Safety glasses and a dust mask are recommended when handling any mortar mixture containing silica. The cementitious materials mixed on site 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