

AMX 600 CG - Coarse Grout Preblended Core Fill



PRODUCT DESCRIPTION

Amerimix AMX 600 CG Preblended Core Fill Coarse Grout is a factory blend of cementitious materials and dried aggregates. It is formulated for superior flow to fill masonry voids and to bond together adjacent masonry units and steel reinforcement in the cores of the masonry units to the masonry assembly.

MANUFACTURER

US MIX Co.
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Amerimix products are available throughout the US and Canada. For information, please contact Amerimix at 888-313-0755.

USES

- Load bearing concrete masonry units
- Structural hollow clay units
- Multi-wythe masonry structures
- Vertical reinforcing
- Bond beams
- Horizontal reinforcing

FEATURES AND BENEFITS

- Factory blended under controlled conditions for mix consistency
- Superior flow
- Reduced segregation
- Pumpable
- Available in various compressive strengths

PACKAGING

Available in 80 lb (36 kg) bags and 3,000 lb (1,360 kg) bulk bags.

APPROXIMATE COVERAGE

One 80 lb bag yields approximately .7 cu.ft. One 3,000 lb bulk bag yields approximately 26.25 cu. ft.

STANDARDS

- Coarse Grout is designed to meet the requirements of ASTM C-476 Standard Specification for Grout for Masonry

SURFACE PREPARATION

- Remove all loose particles, dirt, dust or any foreign materials that would inhibit proper bond to brick, block, stone or masonry substrate
- Certain conditions may require the substrate to be SSD (saturated surface dry) conditioned such as dry windy climates, porous substrates or high temperatures

JOB MOCK-UPS

The manufacturer requires that when Amerimix AMX 600 CG Preblended Core Fill Coarse Grout is used in any application or as part of any system that includes other manufacturers' products, the contractor and/or design professional shall test all the system components collectively for compatibility, performance and long-term intended use in accordance with pertinent and accepted industry standards prior to any construction. Written documentation of the test performed shall be satisfactory to the design professional and contractor. Test results must include the means and methods of application, products used, project specific conditions being addressed and standardized tests performed for each proposed system or variation. Approved mock-ups or sample panels should be retained until completion of the project.

MIXING

- Use of a mechanical mixer will help ensure a better uniform mix
- Using clean, potable water, approximately 5-6 quarts per 80 lb bag or enough water to produce a slump of 8-11". Pour approximately $\frac{3}{4}$ of the required amount into the mixer. For mixing from a silo, use the same approximate water ratio and follow the same procedures
- With the mixer running, add bags of dry grout or dispense from silo and mix thoroughly
- A minimum of 5 minutes mixing time is recommended
- Add additional water in small amounts as necessary to achieve optimum consistency and workability. Mix for a minimum of 5 minutes adding enough of the remaining water to achieve a fluid workable consistency. Caution: Adding too much water will reduce strength
- Let mix stand for 2 minutes to enable absorption of water and re-mix
- Addition of cold water at high temperature or warm water at low temperatures will aid in adjusting the set time

CURING

- No special curing is required unless temperatures are extremely high
- In hot or windy conditions keep the mortar/stucco damp to promote adequate curing
- Drape plastic over wall to help retain moisture or mist wall in extreme heat or windy conditions
- Keep from freezing for at least 24 hours



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CLEANING

Use water to clean all tools immediately after use. Dried material may need to be mechanically removed. For cleaning mortar joints, use the least aggressive solvent to accomplish the task. Only clean, potable water should be used in the cleaning process.

STORAGE

Store in a tightly closed container off the floor in a dry place.

LIMITATIONS

- AMX 600 FG Preblended Core Fill Coarse Grout should be applied in accordance with local building codes and traditional industry best practices appropriate for the application and weather conditions.
- Application outside is possible when appropriate precautions for cold or hot weather construction are implemented in compliance with ACI, ASTM, IMIAC or Masonry Institute Standards
- Cavities to be filled should be free from any materials that may decompose over time, such as wood, foam paper or organic material. Areas of contact with grout should be free from loose debris, oil and paint
- Protect uncoated aluminum from direct contact with portland cement based materials
- Grout should be applied quickly and continuously into the area to be filled. Rodding will help consolidate grout and eliminate air pockets
- When filling masonry units, do not allow walls to reach a height that grout will not be able to completely fill the lower units
- Shelf Life not to exceed one year from date of manufacture

NOTE: Amerimix AMX 600 CG Preblended Core Fill Coarse Grout should be installed in accordance with the provisions of applicable ASTM standards and the local building code. Always follow industry best practices appropriate for the application and weather conditions. Good workmanship in conjunction with proper design and detailing assures durable, efficient water-tight construction.

SUSTAINABILITY

Amerimix products generally qualify for LEED Materials and Resources credits for Recycled Materials and Regional Materials. Visit www.usmix.com or contact Technical Services, 800-397-9903, for additional information regarding LEED qualifications for your specific product application and project location.

SAFETY

READ THE MATERIAL SAFETY DATA SHEET (MSDS) BEFORE USING THIS PRODUCT. MSDS Sheets are available on our [website www.usmix.com](http://www.usmix.com).

REGULATORY

Read and follow application information, precautions and Material Safety Data Information.

Right-to-know

This product contains Portland Cement (CAS#65997-15-1) and Crystalline Silica (CAS# 14808-60-7)

HMIS

Health 1, Fire 0, Reactivity 0

Prop 65

Warning! This product contains Crystalline Silica, a chemical known to the State of California to cause cancer or reproductive toxicity.

VOC Content

0 g/L

CAUTION

EYE AND SKIN IRRITANT

Contains Portland Cement (CAS# 65997-15-1) and Crystalline Silica (CAS# 14808-60-7). Do not allow contact with eyes or skin. Avoid breathing dust - silica may cause serious lung problems. There is limited evidence silica is a carcinogen. The use of gloves, goggles, dust masks and other protective clothing is recommended. If cement or sand particles get into eyes, rinse immediately with clean water and seek prompt medical attention.

ENVIRONMENTAL ADVISORY

Uncured or crushed cured cement is an environmental hazard, which may adversely affect fish and wildlife. Dispose of construction debris containing cement, including empty bags, at a permitted municipal disposal firm. Do not use crushed concrete as a fill near an aquatic habitat.

NOTICE OF LIMITED WARRANTY US MIX Co. (manufacturer) warrants to buyer that this product at the time and place of shipment is of good quality and conforms to the manufacturer's specifications in force on the date of manufacture when used in accordance with the instructions hereon. Manufacturer cannot warrant or guarantee any particular method of use, application or performance of the product under any particular condition. This limited warranty cannot be extended or amended by manufacturer's sales people, distributors or representatives or by any sales information, specifications of anyone other than the manufacturer. Liability under this warranty is expressly limited to refund of the purchase price.

LIMITATION OF WARRANTIES AND LIABILITY Buyer assumes all risks associated with the use of this product. Manufacturer expressly disclaims all warranties expressed or implied including the warranties or merchantability and fitness for a particular purpose and all other warranties otherwise arising by operation of the law, course of dealing, custom, trade or otherwise. Buyer's exclusive remedy if this product is proven to be defective is limited to refund of purchase price by the manufacturer. Refund shall only be available if the buyer notifies manufacturer in writing within thirty days following discovery of any defect. Written notice shall be forwarded to 112 S. Santa Fe Drive, Denver, CO 80223. No claim can be made twelve months after purchase of product. Twelve months after the purchase manufacturer's duties with the respect to the product and limited warranty shall be presumed to have been satisfied. Manufacturer in no event is liable for consequential damages.