



Preblended Core Fill Grout - Fine AMX 600 FG

Product # AMX 600 FG



1. PRODUCT NAME

Amerimix Preblended Core Fill Grout - Fine AMX 600 FG

2. PRODUCT DESCRIPTION

Amerimix Preblended Core Fill Grout - Fine AMX 600 FG is a factory blend of cementitious materials and dried aggregates. As a liquid cementitious material 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.

Features & Benefits

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

Uses

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

Packaging

Available in 80 lb (36.3 kg) bags and bulk bags.

Coverage

One 80 lb (36.3 kg) bag yields approximately 0.7 ft³ (0.02 m³).

Limitations

1. 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.

2. 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.
3. 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.
4. Protect uncoated aluminum from direct contact with portland cement based materials.
5. Grout should be applied quickly and continuously into the area to be filled. Rodding will help consolidate grout and eliminate air pockets.
6. When filling masonry units, do not allow walls to reach a height that grout will not be able to completely fill the lower units.
7. Shelf life not to exceed one year from date of manufacture.

NOTE:

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

Safety

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. MSDS Sheets are available on our website Amerimix.com or contact CHEMTREC (24 hours availability) 800-424-9300 for International inquiries +01-703-527-3887, or contact Amerimix Technical Services at 888-313-0755.

3. TECHNICAL DATA

Amerimix AMX 600 FG Preblended Core Fill Fine Grout is available in various compressive strengths and meets or exceeds ASTM C476 Standard Specification for grout for masonry with a slump ranging from 8 - 11" (302 - 379 mm).

Applicable Standards

American Concrete Institute (ACI)

- ACI 530.1 Specification for Masonry Structures

ASTM International (ASTM)

- ASTM C143 / C143M Test Method for Slump of Hydraulic Cement Concrete
- ASTM C150 Standard Specification for Portland Cement
- ASTM C260 Specification for Air-Entraining Admixture for Concrete
- ASTM C404 Specification for Aggregates for Masonry Grout
- ASTM C476 Standard Specification for Grout for Masonry

- ASTM C595 Standard Specification for Blended Hydraulic Cements
- ASTM C618 Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for use as a Mineral Admixture in Concrete
- ASTM C989 Standard Specification for Ground Granulated Blast Furnace Slag for use in Concrete and Mortars
- ASTM C1019 Standard Test Method for Sampling and Testing Grout
- ASTM C1093 Standard Practice for Accreditation of Testing Agencies for Unit Masonry
- ASTM C1157 Standard Performance Specification For Hydraulic Cement
- ASTM C1314 Standard Test Method for Compressive Strength of Masonry Prisms

International Masonry Industry All-Weather Council (IMIAC)

- Recommended Practices and Guide Specifications for Cold Weather Masonry Construction
- Recommended Practices and Guide Specifications for Hot Weather Masonry Construction

Sustainability

Amerimix products generally qualify for LEED Materials and Resources credits for Recycled Materials and Regional Materials. Visit amerimix.com or contact Technical Services for additional information regarding LEED qualifications for your specific product application and project location.

4. INSTALLATION

Preparation

The cavities to be filled should be free of any matter that is deleterious to portland cement product or any materials that may decompose over time such as wood, foam, paper, or organic materials.

Job Mock Ups

Amerimix requires that when Amerimix Preblended Core Fill Grout - Fine AMX 600 FG 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

1. Use of a mechanical mixer will help ensure a better uniform mix.
2. Using clean potable water, approximately 6 - 7 qt (5.7 - 6.7 L) per 80 lb (36.3 kg) bag or enough water to produce a slump of 8 - 11" (302 - 379 mm). Pour approximately 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.
3. With the mixer running, add bags of dry grout or dispense from silo and mix thoroughly.

Curing

No special curing required. Protect from freezing for 24 hours.

Cleaning

Use water to clean all tools immediately after use. Dried material must be mechanically removed.

5. AVAILABILITY

Amerimix products are available throughout the U.S. and Canada.

For information please contact Amerimix at

Toll Free: 888-313-0755

Website: Amerimix.com

6. TECHNICAL SUPPORT

For technical assistance please contact us

Toll Free: 888-313-0755

7. WARRANTY

LIMITED WARRANTY

What Does This Warranty Cover? Amerimix warrants that this product will (a) be free from defects in material and workmanship, and (b) conform to specifications set forth in Bonsal American's product literature at the time of manufacturer.

How Long Does Coverage Last? This warranty lasts for a period of one (1) year from the date of purchase. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED TO THE DURATION OF THIS EXPRESS WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

What Will Amerimix Do to Address Problems? Amerimix will replace the defective product or refund the purchase price, at its option.

What Does This Warranty Not Cover? Amerimix will not be liable for damage or loss resulting from a failure to store, use, install or maintain the product in strict accordance with Amerimix's specifications and instructions. In no event will Amerimix be liable for damages in excess of the purchase price for the product. CONSEQUENTIAL, SPECIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

How Do I Get Warranty Service? Within thirty (30) days after discovering a defect in the product, contact Amerimix in writing at the following address:

Amerimix
Technical Support Group
Charlotte, NC 28217

Include with your letter a brief description of the problem and any sales receipt, invoice or other proof of the date of purchase. To obtain Amerimix's technical or sales literature, please call (888)313-0755 or visit our web site at amerimix.com.

How Does State Law Relate to This Warranty? This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

WARNING - INJURIOUS TO EYES. CAUSES SKIN IRRITATION.

This product contains portland cement and silica sand. Avoid contact with eyes and skin. Do not take internally. Crystalline silica sand may cause serious lung problems. Avoid breathing dust and wear a respirator in dusty areas. Contact with wet unhardened concrete, mortar, cement or cement mixtures can cause skin irritation, severe chemical burns or serious eye damage. Wear waterproof gloves, a fully buttoned long-sleeved shirt, full-length trousers and tight fitting safety goggles. If you have to stand in wet product, wear waterproof boots high enough to keep product from getting inside. If working on hands and knees, wear kneepads. Indirect contact through clothing can be as serious as direct contact. Promptly, rinse out wet product from clothing.

California Proposition 65: This product contains Crystalline Silica, Quartz and may also contain trace amounts of other chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.

FIRST AID: Eye Contact: Flood eyes with water for at least 15 minutes and consult a physician immediately. DO NOT RUB EYES. Skin Contact: Wash exposed skin area with soap and water. Consult a physician if irritation persists. Inhalation: Remove to fresh air. Ingestion: Immediately consult a physician.

For additional information, call Amerimix at 888-313-0755 or CHEMTREC at 800-424-9300 or 703-527-3887 outside of the USA. Refer to Safety Data Sheet (SDS) for further information.

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.