



Amerimix 755 Fiber Base Coat Concentrate

Product # AMX 755 FBCC



1. PRODUCT NAME

Amerimix® 755 Fiber Base Coat Concentrate

2. PRODUCT DESCRIPTION

Amerimix 755 FBCC is a factory blend of cement, pozzolan, durable synthetic fibers and proprietary chemical additives. It is designed to be used for insulated and non-insulated one coat systems and conventional scratch and brown applications.

Features and Benefits:

- Higher water retentivity than standard mixes
- Reduced cracking and shrinkage

Uses:

- One coat stucco applications
- Scratch and brown stucco assemblies
- Application over wood or steel framing, solid substrates, masonry and continuous insulation

Packaging:

Available in 80 lb (36.3 kg) bags.

Approximate Coverage

AMX 755 FBCC will yield 72 ft² (6.7 m²) at 3/8" (9.6 mm) and 52 ft² (4.8 m²) at 1/2" (13 mm). Coverages are estimates only. Yields for field-mixed cement plaster are affected by the quality, quantity and moisture content of the bulk plaster sand.

All yields and coverages are approximate. They are subject to labor practices, waste, design of work and site conditions. Amerimix assumes no liability in their accuracy.

Limitations:

1. The optimal temperature range for stucco application is between 35°F (1.7°C) and 120°F (49°C) by Amerimix-approved applicators. Application outside of this range is possible when appropriate precautions for cold or hot weather construction are implemented in compliance with ACI, PCA, ASTM, IMIAC or Masonry Institute standards.

2. Agitate material as necessary within its working time to maintain workability.

3. Do not add materials other than clean potable water.

4. Water with a high mineral salt content can cause efflorescence. Efflorescence occurs naturally and is beyond the control of Amerimix.

5. Avoid adding excessive amounts of water as this can promote segregation, loss of strength and loss of durability.

6. Shelf life is not to exceed one year from date of manufacture.

7. Stucco shall be used and placed in final position within one hour after initial mixing.

NOTE: AMX 755 FBCC 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 ensures durable, efficient, watertight construction.

Safety:

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS Sheets are available on our website, Amerimix.com, or by contacting CHEMTREC 24 hours a day at 800-424-9300. For International inquiries call +01-703527-3887 or contact Amerimix Technical Services at 866-725-7383.

3. TECHNICAL DATA:

NOTES:

- Mortar is designed to meet the requirements of ASTM C 270 Standard Specification for Mortar for Unit Masonry. This is a laboratory test procedure.
- Mortar should be tested in the field by ASTM C 780 Standard Test Method for Preconstruction and Construction Evaluation of Mortar for Plain and Reinforced Unit Masonry.
- Due to the procedural differences between ASTM C 270 and C 780, the compressive strength values resulting from field sampled mortars are not required nor expected to meet the compressive strength of the property specification requirements of C 270 as tested under laboratory conditions, nor do they represent the compressive strength of the mortar in the wall.

Applicable Standards:

ASTM International (ASTM)

- 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 C926 Standard Specification for Application of Portland Cement Based Plaster
- ASTM C1328 Standard Specification for Plastic (Stucco) Cement
- ACI 530.1 Specification for Masonry Structures
- ASTM INTERNATIONAL (ASTM)

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 www.Amerimix.com or contact Technical Services for additional information regarding LEED qualifications for your specific product application and project location.

4. INSTALLATION

Preparation

1. Remove all loose particles, dirt, dust or any foreign materials that would inhibit proper bonding to substrate.
2. Certain conditions may require the substrate to be SSD (saturated surface dry) conditioned, such as dry, windy climates, porous substrates or high temperatures.
3. Lath must be installed per ASTM C1063.

Job Mock Ups

When Amerimix Fiber Base Coat Concentrate Stucco – AMX 755 FBCC is used in any application or as part of any system that includes other manufacturers' products, Amerimix requires that the contractor and/or design professional shall test all 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 performance 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. The use of a mechanical mixer is recommended to help ensure a consistent and cohesive uniform mix.

2. AMX 755 FBCC will use approximately 200 – 240 lb (90 – 109 kg) of clean dried sand to one 80 lb (36.3 kg) bag of concentrate.

3. The use of clean potable water is essential to a quality mix. Use approximately 5 – 6.5 gal (19 – 24.6 L) per 80 lb (36.3 kg) bag. Pour approximately 3/4 of the required water into the mixer first.

4. With the mixer running, add approximately 1/2 of the required sand; then add one 80 lb (36.3 kg) bag of AMX 755 FBCC to mixer, followed by the remaining sand.

5. Mix for approximately 3 – 4 minutes and add the remaining water to achieve a fluid, workable consistency.

6. Caution: Adding too much water will reduce strength.

7. Immediately following the mixing time, allow material to sit for 2 minutes with mixer at idle to allow mixing water to be fully absorbed into the material.

8. Remix for approximately 1 minute for cohesiveness. Add additional water, if needed, to achieve optimum consistency and workability.

9. Wash out mixer periodically to keep material from caking. DO NOT RETEMPER. Re-tempering may reduce bond and compressive strength. Addition of cold water at high temperatures or warm water at low temperatures will aid in adjusting the set time.

Application

1. Apply only to surfaces that are properly prepared as recommended under preparation.
2. Surfaces must be frost free and above 40F (4C) and below 100F (38C) for 24 hours before application and 48 hours after.
3. Apply Polymer Modified Setting Mortar firmly tamp and screed to desired thickness. Minimum 1/2" to 4 inches.
4. Place paver or stone and tamp surface to assure full contact to mortar followed by a level to assure pavers or stone are level.

5. AVAILABILITY

Amerimix products are available throughout the U.S. and Canada. For more 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 Amerimix product literature at the time of manufacture.

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
625 Griffith Road, Suite 100
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 866-725-7383 or visit our web site at www.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.

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.

ANGER

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: Cancer and Reproductive Harm. www.P65Warnings.ca.gov

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.

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