



# Fiber Base Coat Stucco AMX 750 FBC

Product # AMX 750 FBC



## 1. PRODUCT NAME

Amerimix Fiber Base Coat Stucco - AMX 750 FBC

## 2. PRODUCT DESCRIPTION

Amerimix AMX 750 FBC is a portland/lime cement plaster blended with pozzolan, durable synthetic fibers and proprietary chemical additives. It is designed to be used in general stucco and ICC rated systems. AMX 750 FBC is a one-hour rated assembly when built according to ICC instructions; and may be used for insulated and non-insulated one coat systems and conventional scratch and brown applications. It is ideal for one coat, two coat and three coat applications between 35°F to 120°F (1.7°C to 49°C).

### Feature and Benefits

- ICC approved for one hour rated fire assembly
- ICC listed portland/lime cement plaster
- 1" to 4" (1.27 to 5.1 mm) foam based insulation (CI) approved for AMX 750 FBC assemblies
- Hot, dry, weather applications
- One hour fire rated per ASTM E 119

### Uses

- General stucco
- Insulated and non-insulated one coat systems
- Conventional scratch and brown applications
- ICC rated systems

### Packaging

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

### Approximate Coverage

20 to 22 ft<sup>2</sup> (1.8 to 2 m<sup>2</sup>) at 3/8" (9.5 mm) thick application rate  
 16 to 18 ft<sup>2</sup> (1.5 to 1.7 m<sup>2</sup>) at 1/2" (12.7 mm) thick application rate  
 10 to 12 ft<sup>2</sup> (0.9 to 1.1 m<sup>2</sup>) at 3/4" (19 mm) thick application rate

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 this promotes 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: Amerimix AMX 750 FBC 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. SDS Sheets are available on our website [Amerimix.com](http://Amerimix.com) or contact CHEMTREC (24 hours availability) 800-424-9300 for International inquiries +01-703527-3887, or contact Amerimix Technical Services at 888-313-0755.

## 3. TECHNICAL DATA

	Lab Results
Time of Set - Initial Set	*150 Minutes
Time of Set - Final Set	*4.5 Hours
<i>*Actual set times may vary due to ambient weather conditions</i>	
Air Content	12% - 16%
Water Retention	84% - 90%

## Applicable Standards

### ASTM International (ASTM)

- ASTM C150 Standard Specification for Portland Cement
- ASTM C157 Standard Test Method for Length Change of Hardened Hydraulic-cement Mortar and Concrete

- 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 Specifications for Plastic (Stucco) Cement
- ASTM E119 Standard Test Methods for Fire Tests of Building Construction and Materials
- ICC-ESR 3529
- 2012 International Building Code® (IBC)
- 2012 International Residential Code® (IRC)

#### **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](http://www.amerimix.com) or contact Technical Services for additional information regarding LEED qualifications for your specific product application and project location.

## **4. INSTALLATION**

### **Preparation**

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

### **Job Mock Up**

Amerimix requires that when Amerimix Fiber Base Coat Stucco - AMX 750 FBC 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 more uniform mix.
2. Use approximately 1.5 gal (5.7 L) of clean potable water per 80 lb (36.3 kg) bag. 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 stucco and mix thoroughly.
4. Mix for approximately three (3) to four (4) minutes and add the remaining water to achieve a fluid, workable consistency.
5. Immediately following the mixing time, have the mixer remain idle for 2 minutes and the material to sit. This allows the mixing water to be fully absorbed into the mixed material.

6. Remix for approximately one (1) minute for cohesiveness and add additional water, if needed, to achieve optimum consistency and workability.

### **Mixing and Application Warning:**

- Adding too much water will increase air content and water/cement ratio, which will reduce overall strength and bond - as well as a change in color uniformity.
- Do not add air-entraining agents, mortar fat, accelerators, or waterproofing agents, as they may interfere with the chemical integrity of this product.
- Do not apply at temperatures below 40°F (4°C), or when freezing temperatures are anticipated within 24 hours. Refer to IMIAC's publication "Recommended Practices and Guide Specifications for Cold Weather Masonry Construction" for industry guidelines on cold weather masonry.

### **Performance Recommendations**

Only water lost to evaporation should be replaced by re-tempering, not water lost to hydration.

### **Curing**

Loss of surface water may occur quickly due to higher ambient air temperatures and wind conditions. Moist cure walls for 48 hours after application. Protect from rain and 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](http://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.