

# AMX 710 WMMR

## Mold & Mildew Resistant Stucco

Product # AMX 710 WMMR



### 1. PRODUCT NAME:

Amerimix Mold & Mildew Resistant Stucco  
AMX 710 WMMR

### 2. PRODUCT DESCRIPTION:

Water, Mold & Mildew Resistant Stucco – AMX 710 WMMR is factory blend of sand, cement and proprietary chemical admixtures to develop water repellent properties as it cures. The AMX 710 WMMR is designed for superior adhesion and application properties, extended board life and the resistance to shrinkage and cracking.

### Features and Benefits:

- Water resistant
- Factory blended under controlled conditions for mix consistency
- Extended mortar board life, less re-tempering required
- Reduced water loss and cracking

### Uses:

- Interior or exterior applications
- Applications over masonry or lath
- Scratch and brown coat in a 3 - coat application
- First coat in a 2 – coat application

### 3. LEED ELIGIBILITY:

- Regional materials (MR-c5)
- Recycled material (MR-c4)

NOTE: Amerimix products generally qualify for LEED Materials and Resources. Contact Technical Services for additional information regarding LEED qualifications for your specific product application and project location.

### 4. YIELD/COVERAGE/WATER:

| Bag Size            | Yield/Coverage                                                                                                                                             | Water          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 80 lb.<br>(36.2 kg) | Yield: 9 – 10 ft <sup>2</sup> (.84 – .92 m <sup>2</sup> ) at ¾" (19.1 mm) thick, 13 – 15 ft <sup>2</sup> (1.2 – 1.4 m <sup>2</sup> ) at ½" (12.7 mm) thick | 1.5 gal (5.7L) |

*\*Water demands shown are to be used as a starting reference. More water may be required to achieve desired consistency. Avoid overwatering.*

NOTE: Yield and water are approximate. The yield above does not allow for waste and spillage.

## SECTION 2: TECHNICAL INFORMATION

### Applicable Standards:

Refer to: ACI 530.1 Specification for Masonry Structures

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

### ASTM:

- ASTM C91 Standard Specification for Masonry Cement
- ASTM C109 Standard Test Method for Compressive Strength of Hydraulic Cement Mortars
- 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 C1063 Standard Specification for Installation of Lathing and Furring to Receive interior and Exterior Portland Cement Based Plaster

### National Concrete Masonry Association (NCMA)

- NCMA TEK Bulletin #8-2A Removal of Stains from Concrete Masonry
- NCMA TEK Bulletin #8-3A Control and Removal of Efflorescence

## 3: PRE-CONSTRUCTION GUIDELINES

### Job Mock Ups:

Amerimix requires that when Amerimix Water, Mold & Mildew Resistant Stucco – AMX 710 WMMR is used in any application or as part of any system that includes other manufacturer's product, 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.

## 4: INSTALLATION GUIDELINES

### Preparation:

1. For best results all materials should be stored between 40°F (4°C) and 80°F (27°C) 24 hours prior to application.
2. Remove all loose particles, dirt, dust, or any foreign materials that would inhibit proper bonding to substrate.
3. Certain conditions may require the substrate to be SSD (saturated surface dry) conditioned such as dry windy climates, porous substrates, or high temperatures.
4. Lath and AMX 710 WMMR must be installed and applied per ASTM C1063.
5. Shelf life of Amerimix materials is one year from date of manufacture. Do not use materials after this date.

NOTE: it is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use.

### Mixing:

1. Use of a mechanical mixer will help ensure a 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  $\frac{3}{4}$  of the required water amount into the mixer.  
NOTE: Do not add materials other than clean, potable water.
3. Do not overwater. Avoid adding excessive amounts of water that promote segregation or bleeding of the stucco, and loss of strength and durability.
4. Water with high mineral salt content can cause efflorescence. Efflorescence occurs naturally and is beyond the control of Amerimix.
5. With the mixer running, add bags of dry stucco and mix thoroughly.
6. Add remaining water in small amounts as necessary to achieve optimum consistency and workability. Mix for a minimum of 5 minutes.
7. Let mix stand for 2 minutes to enable the absorption of water and re-mix.
8. Stucco should always be mixed workable consistency. Keep mixing consistent from batch to batch. A mix that is too dry and crumbly will not provide the proper bond. AVOID A SOUPY MIX. Stucco that is too wet will be weak

and will not provide adequate bond to the substrate and can result in reduced strength, efflorescence, inconsistent color, cracking, dusting, or scaling.

### Application:

1. The optimal temperature range for mortar application is between 40°F and 90°F (4°C and 32°C). Application outside of this range is possible when appropriate precautions for cold or hot weather construction are implemented in compliance with ACI, ACA, ASTM or Masonry Institute standards.
2. Agitate material as necessary within its working time to maintain workability. Do not add any additional water.
3. Protect uncoated aluminum from direct contact with Portland cement-based materials.

NOTE: 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

### Curing:

- Loss of surface water may occur quickly due to higher ambient air temperatures and windy conditions.
- Moist cure walls for 48 hours after application.
- Protect from rain and freezing temperatures for 24 hours.

### Cleaning:

- Use water to clean all tools immediately after use.
- Dried material must be mechanically removed. Only clean potable water should be used in the cleaning process.

### Safety:

READ and UNDERSTAND the Safety Data Sheet (SDS) before using this product. WARNING: Wear protective clothing and equipment. For emergency information, call CHEMTREC at 800-424-9300. KEEP OUT OF REACH OF CHILDREN.

## 5. LIMITED PRODUCT WARRANTY:

The manufacturer warrants that this product shall be of merchantable quality when used or applied in accordance with the manufacturer's instructions. This product is not warranted as suitable for any purpose other than the general purpose for which it is intended. This warranty runs for one (1) year from the dates the product is purchased. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE DURATION OF THIS WARRANTY. Liability under this warranty is limited to replacement or defective products or, at the manufacturer's option, refund of

the purchase price. CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.

**DANGER:**

This product contains Crystalline Silica and Portland Cement which are known to cause cancer, eye damage, lung disease, respiratory damage, silicosis, skin burns, and other serious medical conditions. Harmful if swallowed and corrosive.

**CAUTION:**

Do not handle or use this product until you review and understand the instructions, including the safety precautions. The applicable safety precautions include wearing protective clothing, protective eyewear, protective footwear, protective gloves, and respiratory protection when handling or working around this product. Protective clothing should include face protection, impervious gloves, long pants, and a long-sleeved shirt. Eye and respiratory protection must comply with the guidelines of the Occupational Health and Safety Administration (OSHA). Do not breathe or otherwise ingest the dust from this product. Wash hands and clothing after handling or working around this product. This product should only be used outdoors or in a well-ventilated area and the user should avoid creating dust. Dispose of unused concrete products in accordance with applicable law. Review the Safety Data Sheet, which is available online at [www.sakrete.com](http://www.sakrete.com), prior to handling or using this product. KEEP OUT OF REACH OF CHILDREN.

**FIRST AID:**

Seek medical attention if you experience skin burns or irritation. If you ingest this product, rinse your mouth with water and seek medical attention if you feel ill. In the event of eye irritation, remove any contact lenses and carefully rinse eyes with water for several minutes. If eye irritation persists, seek medical attention. If inhaled, relocate to an area with fresh air and seek medical attention if you feel ill.

**WARNING:**

This product can expose you to chemicals including Crystalline Silica, which is known to the State of California to cause cancer, and Lithium Carbonate, which is known in the State of California to cause birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**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.

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