

Water, Mold & Mildew Resistant Stucco



Description

Amerimix Water, Mold & Mildew Resistant Stucco is a preblended mix of portland cement, sand, and proprietary chemical admixtures. It requires only the addition of water to create a consistent, workable stucco mix with excellent adhesion and handling properties, extended board life, and resistance to shrinkage and cracking.

Dual Action Formula

The best defense against mold and mildew is a combination of good workmanship that provides adequate moisture control and the use of antimicrobial materials. Amerimix Water, Mold & Mildew Resistant Stucco uses a dual action formula to resist water and fight the growth of stain-causing mold & mildew on the applied stucco.

Water Resistant

An integral crystalline waterproofing technology provides an environmentally friendly and permanent water-resistant barrier. When combined with water, a catalytic chemical reaction with unhydrated cement particles begins to form an insoluble crystalline structure. Over a period of weeks and months, millions of needle-like crystals grow, filling and sealing the naturally occurring microscopic pores and voids in the stucco. As a result, water is prevented movement in all directions, while water vapor may still pass, allowing the building to "breathe". When moisture is removed as the stucco dries, the active ingredients sit dormant, will not deteriorate, and the last the lifetime of the stucco. If hairline cracks form later due to settling or shrinkage, incoming water triggers the chemical process; additional crystals begin to form and grow, filling cracks and voids, and thereby maintaining and protecting the waterproofing barrier. By blocking water penetration and migration of waterborne contaminants, metal reinforcing is protected from corrosion and mold and mildew is deprived of moisture and nutrients needed to spread.

Antimicrobial Product Protection

Amerimix Water, Mold & Mildew Resistant Stucco is engineered with antimicrobial product protection built-in during the manufacturing process. The active ingredient of antimicrobial technology has been historically recognized for its ability to inhibit the surface growth of mold, mildew, fungus, and bacteria that cause discoloration, stains, and corrosion. This technology provides durable antimicrobial product protection by delivering a continuous controlled release of microbe fighting ingredient over a long period of time, working in conjunction with moisture control.

Installation/Mixing

Pour clean water into mixer, approximately 1.5 gallons per 80 lb. bag. Add dry stucco. Add additional water in small amounts if necessary. Water may be added up to the maximum amount that is consistent with optimum workability. For best product performance, stucco should be mixed for 5 minutes in a mechanical batch mixer to ensure consistency and workability.

Retempering is limited to 1.5 hours in the summer and 2.5 hours in the winter after initial batch mixing. Retempering will not adversely affect stucco quality if only evaporated water is replaced.

Installation/Mixing (cont'd)

Amerimix Stucco should be applied in accordance with ASTM C926, traditional best stucco practices, and local building codes. For best results, Amerimix Water, Mold & Mildew Resistant Stucco should be installed for all coats at thicknesses corresponding to Table 1 of ASTM C926, local building codes and acceptable best stucco practices. All surfaces should be dampened prior to application and regularly fogged during the curing process.

Limitations: Adding excessive water or excessive retempering may affect the finished product. Do not apply if air temperature or substrate surfaces are expected to be over 100° F (37° C) or under 40° F (4° C) within 48 hours. Shelf life is approximately six months when stored in dry conditions.

Property Specification Requirements

Plastic (Stucco) Cement	Compressive Strength Minimum psi (MPa)	Water Retention Minimum %	Air Content Maximum %
ASTM C1328	28 days 2,100 (12.5)	70	8-20
Amerimix Stucco	28 days 2,951 (15.5)	81	11.82

NOTE: Average flow = 108.5

Packaging & Storage

Water, Mold & Mildew Resistant Stucco is available in 3,000 lb. super sacks and 80 lb. bags. Product contains cement and should be covered to protect from weather.

Certification & Quality Control

Amerimix Water, Mold & Mildew Resistant Stucco conforms with ASTM C1328 Standard Specification of Plastic (Stucco) Cement and with ASTM C926 Standard Specification for Application of Portland Cement-Based Plaster. Certified test reports are available from the manufacturer. Particular mix designs for the product is proprietary information which may be submitted at the discretion of Amerimix. The manufacturer makes no guarantee of finished work. The user is responsible for following recommended practices.

Safety Precaution

KEEP OUT OF REACH OF CHILDREN AND ANIMALS. Product is alkaline and may burn or irritate upon contact with eyes or skin. Do not take internally. Use of safety goggles, rubber gloves and dust respirator is recommended. Avoid prolonged contact with clothing. This product contains crystalline silica. Take measures to contain and reduce dust. Prolonged exposure to crystalline silica may cause silicosis or other serious delayed lung injury. Avoid breathing dust. For prolonged exposure wear a respirator approved for protection against crystalline silica dust. Crystalline silica has been classified by IARC and NTP as a carcinogen. READ and UNDERSTAND the Material Safety Data Sheet (MSDS) before using this product. WARNING: Wear protective clothing and equipment. For emergency information, call CHEMTREC at 800-424-9300 or 703-527-3887 (outside USA).

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 date 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 of defective product or, at the manufacturer's option, refund of the purchase price. CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.

Customer Support

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