

Water Repellent Mortar



(Available in Type N, S & M)

Description

Amerimix Water Repellent Mortar (WRM) is designed for applications where a water repellent mortar is required in combination with water repellent masonry units.

Amerimix WRM exceeds ASTM C270 mortar specification and complies with ASTM C1384.

Available in Type N, S or M.

Materials

Amerimix Water Repellent Mortar (WRM) is a preblended mortar mix containing Portland cement, hydrated lime, masonry cement, or mortar cement, sand, water repellent and proprietary admixtures.

Benefits

Eliminates the need to stock liquid admixtures at a warehouse or jobsite

Eliminates the possibility of under-dosing or over-dosing the mortar with liquid water repellent admixtures

Repellent agent is proportioned correctly in every batch, regardless of batch size or mixing differences

Reduces overall batch cost

Reduces efflorescence

Uses

Amerimix Water Repellent Mortar (WRM) can be used in both load bearing and non-load bearing applications above and below grade. Amerimix WRM can be pigmented to match all architectural requirements.

Installation

Mortar should be mixed to a fluid, workable consistency for a minimum of 5 minutes in a mechanical mixer and should be discarded 2-1/2 hours after mixing. Only water lost to evaporation should be replaced by retempering, not water lost to hydration. The retempering of mortar may alter the color and appearance of the mortar joint plus may reduce bond and compressive strength. Concave tooling of mortar joints should be performed when mortar joint is thumbprint hard. Field tested mortar should not be expected to meet physical property requirements of ASTM C270.

Property Specification Requirements

Property	Reference Mortar	Amerimix Water Repellent Mortar	Test Standard
Compressive Strength psi (MPa)	1,980 (13.6)	3,150 (21.6)	ASTM C1329 ASTM C1328
Rate of Water Absorption Relative % (G/100CM2)	4.2	0.9	ASTM C1384
Water Retention	77%	93.2%	ASTM C1329 ASTM C270
Air Content	18%	11.8%	ASTM C1329 ASTM C270
Shrinkage	N/A	0.02%	ASTM C157

Packaging & Storage

Water Repellent Mortar (WRM) is available in 3,000 lb. super sacks and 80 lb. bags. WRM contains cement and should be covered to protect from weather.

Certification & Quality Control

AMERIMIX certifies that Water Repellent Mortar, when shipped from its plant, terminals or distributors will meet the current requirements of Specifications for ASTM C270 AND C1384. Certified test reports based on ASTM requirements are available from the manufacturer. Particular mix designs for the product are proprietary information which may be submitted at the discretion of AMERIMIX. Wash down to be performed by a qualified contractor using a proprietary cleaner such as SureKlean or Vanitrol and applied per the manufacturer's recommendation. No unbuffered muriatic acid allowed. The company 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.

Warranty

LIMITED 1 YEAR WARRANTY FROM DATE OF MANUFACTURE: Bonsal American warrants that this product and the materials used therein meet or exceed the applicable standards listed and enforced at the time of manufacture. Bonsal American will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This Warranty shall apply only if the product is used in strict accordance with applicable specifications and instructions provided by Bonsal American for its use, and Bonsal American shall not be liable otherwise. Replacement of any defective product, or, at Bonsal American's option, refund of the purchase of any defective product shall be the buyer's sole remedy under this Warranty, and Bonsal American shall in no event be liable for any damages in excess of the purchase price of the defective product. BONSAL AMERICAN SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES INCLUDING LOSS OF PROFITS OF ANY KIND. Product demonstrations are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. This Warranty constitutes the sole warranty given by Bonsal American in connection with this product. No modification of this Warranty in favor of any buyer shall be valid unless given in writing and signed by an officer of Bonsal American. Bonsal American has authorized no person to make or give any other warranties or representation, oral or written on its behalf. IN PARTICULAR, THERE ARE NO IMPLIED WARRANTIES, INCLUDING WITHOUT EXCEPTION WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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