

Gard Mortar Mix

Krete Gard Mortar Mix is an admixture specifically designed for mortar, which offers long-term water repellency and efflorescence control when used in masonry construction in conjunction with CMUs containing KreteControl or KreteGuard products.

FEATURES

- Specifically Designed for Mortar
- Plasticizing Action
- Water Repellency
- Efflorescence Control

BENEFITS

- Helps Maintain Water Retention
- Minimizes Absorption
- Minimizes Efflorescence
- Improves Green Strength
- Improves Mortar Consistency/Workability
- Allows Application of Type S Mortar to Model Type N Mortar

TECHNICAL INFORMATION

<u>Parameter</u>	<u>Typical Value</u>
Appearance	Opaque Light Blue to Purple
	Liquid
Specific Gravity	1.029
Lbs./Gal	8.58
pH	9.20
IR	Pass

DIRECTIONS FOR USE

Dosage:

- Mortar should be proportioned in accordance with ASTM C-270, *Standard Specification for Mortar for Unit Masonry*, or per the recommendations of the manufacturer.
- 1 quart per bag of Portland cement when mixed with ¼ - ½ bag of lime and ¾ - 4½ ft³ sand.
- ½ quart per one 80 lbs. bag of premixed mortar.
- ½ quart per 1 bag of masonry or mortar cement and 3 ft³ of sand.

Use:

1. Mix mortar using approximately half the typical amount of water.
2. Add the recommended dosage of Krete Gard Mortar Mix, and mix thoroughly.
3. Add additional water, while mixing, to obtain the desired troweling consistency.
4. Mix the mortar for 2 - 3 minutes to ensure uniformity. DO NOT OVER-MIX.

PRODUCT PACKAGING

Available in 55 US gallon drums, 5 US gallon pails, and 1 US quart bottles. Samples are available by request.

PRODUCT STORAGE AND SHELF LIFE

Store in dry area. Keep containers tightly closed. Do not store in excessively high temperatures (>100 F°). KEEP FROM FREEZING.

Avoid physical damage to containers.

Krete Gard Mortar Mix has a rheological shelf life of eight (8) months in original, unopened packaging.

The information presented above is true and accurate to the best of our knowledge. No warranty or guarantee, expressed or implied is made regarding the performance of the product. This information is not intended to be all-inclusive concerning handling, storage and use of the product. Health and other regulatory factors are the responsibility of the customer.

For Industrial Use Only.
Not for internal consumption.
Consult SDS for safety and regulatory information.

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PRODUCT TESTING

Masonry project units containing Krete Gard Mortar Mix based mortar have been successfully tested according to the following specifications:

- ASTM E514 - Standard Test Method for Water Penetration and Leakage Through Masonry
- ASTM C270 - Standard Specification for Mortar of Unit Masonry
- ASTM C1072 - Standard Test Method for Measurement of Masonry Flexural Bond Strength
- ASTM C90 - Standard Specifications for Load Bearing Concrete Masonry Units
- ASTM C140 - Standard Test Method for Sampling and Testing Concrete Masonry Units and Related Units
- ASTM C1384 - Standard Specification for Admixtures for Masonry Mortars
- ASTM C780 - Standard Test Method for Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry

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