



EUCLID CHEMICAL

BLOCKTITE MORTAR ADMIXTURE

INTEGRAL WATER REPELLENT ADMIXTURE FOR MORTAR

DESCRIPTION

BLOCKTITE MORTAR ADMIXTURE is formulated to prevent moisture intrusion in masonry structures, and is a component of the BLOCKTITE Water Repellent Admixture System. BLOCKTITE MORTAR ADMIXTURE significantly reduces water absorption and efflorescence potential, and will help preserve color and overall mortar integrity as a result.

PRIMARY APPLICATIONS

- Masonry mortar

FEATURES/BENEFITS

- Water repellency
- Improved durability
- Reduced secondary efflorescence
- Inhibited growth of mold and mildew
- Improved color integrity

TECHNICAL INFORMATION

Physical Properties

Specific Gravity 1.02

Freeze Point 20°F (-6.7°C)

Color White emulsion

Appearance: BLOCKTITE MORTAR ADMIXTURE is a white, free flowing liquid which, when added to mortar mixes, does not alter color.

PACKAGING

BLOCKTITE MORTAR ADMIXTURE is available in cases of 12-32 oz (0.9 L) bottles.

SHELF LIFE

18 months in original, unopened container.; product beyond this age may be suitable for use if no separation is apparent. Please consult your local Euclid Chemical representative if shelf-life or material suitability for use is in question.

DOSAGE RATES

Use BLOCKTITE MORTAR ADMIXTURE at a rate of 16 oz (0.5 L) per bag or 1ft³ (0.03m³) of cementitious materials used in the mix. For pre-blended (bagged or bulk) masonry mortars, add 5 to 6 oz. (approximately 0.2L) per each 1ft³ (0.03m³) of material volume.

Shake well before using

DIRECTIONS FOR USE

BLOCKTITE MORTAR ADMIXTURE is compatible with Euclid Chemical non-chloride set accelerators and should be added to approximately 75% of the mix water before sand or cement are added. Add additional water to achieve desired consistency and mix for 5 minutes.

SPECIFICATIONS/COMPLIANCES

BLOCKTITE MORTAR ADMIXTURE has been tested with EUCON BLOCKTITE and EUCON HYDRAPEL-treated CMUs in accordance with ASTM E 514 (Standard Test Method for Water Penetration and Leakage Through Masonry), and achieved E-Rated (Excellent) performance.

BLOCKTITE MORTAR ADMIXTURE complies with ASTM C 1384 (Standard Specification for Admixtures for Masonry Mortar)

Design and construction details must observe applicable design codes and include the recommendations of NCMA TEK 10-1A: Crack Control in Concrete Masonry Walls; TEK 19-1: Water Repellents for Concrete Masonry Walls; TEK 19-2A: Design for Dry Single-Wythe Concrete Masonry Walls; TEK 19-4A: Flashing Strategies for Concrete Masonry Walls; TEK 19-5A: Flashing Details for Concrete Masonry Walls

Specified water-repellent projects must include BLOCKTITE MORTAR ADMIXTURE in the associated masonry mortar per data sheet and label instructions. Failure to do so will compromise the performance of the BLOCKTITE or HYDRAPEL SYSTEM and is in violation of their guide specifications. The use of these products will not compensate for flaws in building design, inadequate production procedures, or improper construction practices.

Only concave or “V” tooled joints should be allowed for water repellent masonry construction incorporating the EUCON BLOCKTITE or HYDRAPEL SYSTEMS. These recommendations are supported by both the National Concrete Masonry Association and the Brick Institute of America. Remove excess mortar promptly and clean residue using procedures outlined in NCMA TEK 8-2: Removal of Stains from Concrete Masonry

PRECAUTIONS/LIMITATIONS

- Do not allow BLOCKTITE MORTAR ADMIXTURE to freeze. Once frozen, it becomes unusable.
- Shake well before using.
- BLOCKTITE MORTAR ADMIXTURE can effectively impart water repellency when adhering to proper industry (ASTM C 270) practices, and when concave or “V” joint tooling is employed (as recommended by NCMA and BIA).
- BLOCKTITE MORTAR ADMIXTURE will not compensate for flaws in building design, improper production procedures, or improper construction methods. The Euclid Chemical Company is not responsible for inappropriate use of BLOCKTITE MORTAR ADMIXTURE.

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WARRANTY: The Euclid Chemical Company (“Euclid”) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid’s installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid’s products for the Buyer’s intended purposes.