

MORTAR ADMIXTURE

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BLOCKTITE™ MORTAR ADMIXTURE

INTEGRAL WATER REPELLENT ADMIXTURE FOR MORTAR



EUCLID CHEMICAL

PRODUCT INFORMATION

PACKAGING

Available in cases of 12-32 oz (0.9 L) bottles, 5 gal (18.9 L) pails and 55 gal (208 L) drums

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.

TECHNICAL INFORMATION

Specific Gravity ~ 1.02

Freezing Point ~ 20°F (-6.7°C)

Color: White emulsion

DESCRIPTION

BLOCKTITE MORTAR ADMIXTURE is formulated to resist moisture intrusion and migration in masonry mortar, and is a component of the BLOCKTITE system for water repellent specified masonry construction. BLOCKTITE MORTAR ADMIXTURE significantly reduces water absorption and efflorescence potential, and will help preserve color and overall mortar integrity as a result.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Provides water repellency
- Reduces absorption
- Controls efflorescence
- Improves durability

PRIMARY APPLICATIONS

- Masonry Mortar

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 C270) practices, and when concave or "V" joint tooling is used.
- Remove excess mortar promptly and clean residue using procedures outlined in NCMA TEK 8-2: Removal of Stains from Concrete Masonry.
- 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.

DIRECTIONS FOR USE

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

BLOCKTITE MORTAR ADMIXTURE should be added to approximately 75% of the mix water before sand or cement are added. Add more water as needed to achieve desired consistency and mix thoroughly. Shake well before using.

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 after 72 hours of testing.

BLOCKTITE MORTAR ADMIXTURE complies with ASTM C1384 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.

Water-repellent specified 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 SYSTEM and is in violation of the guide specification. BLOCKTITE MORTAR ADMIXTURE 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 using the BLOCKTITE SYSTEM. These recommendations are supported by both the National Concrete Masonry Association and the Brick Institute of America.

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