



# KreteGuard 250

A non-aqueous, reactive, minimal swipe producing admixture designed to offer plasticizing action, integral water repellency, and primary and secondary efflorescence control in semi dry concrete products.

## Features

- 100% Active-Reactive Chemistry
- Plasticizing Action
- Efflorescence Control at Lower Dosage
- Water Repellency at Higher Dosage

## Benefits

- Improves Batch Consistency
- Decreases Machine Feed Time
- Improves Green Strength
- Improves Aesthetic Appearance of CMUs
- Improves Finish Texture
- Produces Minimal Swipe

## Technical Information

PARAMETER	TYPICAL VALUE
Appearance	Amber Liquid
Specific Gravity	0.895

**NOTE:** KreteGuard 250 must be used as a component of the CMU and Krete Gard Mortar Mix as a component of the mortar when a fully water repellent wall system is desired. KreteGuard 250 and KreteGuard Mortar Mix are part of the "system" that provides moisture protection of concrete masonry walls. Proper masonry design and construction such as proper drainage within the core and cavity, properly installed through-wall flashing and weeps, and properly tooled joints are also critical requirements.

## Directions for use

1. For Efflorescence Control: Use at dosage rate of 200 – 330ml per 100kg of cementitious material.  
For Water Repellency: Use at dosage rate of 400 – 525ml per 100kg of cementitious material.
2. Add after the introduction of the pre-wet aggregates.
3. Mix for 90 seconds after addition of admixture.
4. Check the moisture content of the mix and add additional water if needed.

## Product packaging

- Available in bulk, 1,000 litre IBCs, 210 litre drums and 25 litre jerry cans.
- 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 (>35 C°). KEEP FROM FREEZING.
- Avoid physical damage to containers.
- KreteGuard 250 has a shelf life of eight (8) months in original, unopened packaging.

## Design and construction

Design and construction details and recommendations, included in NCMA TEK 19-01: Water Repellents for Concrete Masonry Walls; TEK 19-2B: Design for Dry-Single-Wythe Concrete Masonry Walls; TEK 19-5A: Flashing Details for Concrete Masonry Wall, and TEK 19-07: Characteristics of Concrete Masonry Units with Integral Water Repellents, must be observed and incorporated.

## Product testing

Masonry units containing KreteGuard 250 have been successfully tested according to the following specifications: ASTM E514 – Standard Test Method for Water Penetration and Leakage Through Masonry, 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 and ACI 530.1/ASCE 6 TMS 602 2008 – Specification for Masonry Structures.

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

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