

REC PROOF P13

PLASTICIZING/EFFLORESCENCE CONTROLLING/WATER-REPELLENT ADMIXTURE

DESCRIPTION

REC PROOF P13 is a multi-functional, high-performance admixture developed for concrete masonry and other applications. This highly efficient silicone-based product contributes tangible value-added benefits throughout its dosage range, and is also a component of the RECPROOF SYSTEM for specified water repellency. REC PROOF P13 quickly disperses and chemically bonds to the concrete upon curing, thus ensuring long-lasting protection from water intrusion and related degradation.

PRIMARY APPLICATIONS

- Concrete block and brick
- Segmental retaining wall units
- Pavers and patio products
- Cast stone
- Concrete roof tiles
- Stone veneer and other precast products

FEATURES/BENEFITS

- Superior water repellency protects masonry products, structures, and their contents
- Extremely low absorption enhances durability, efflorescence control & color retention
- Markedly improved material flow/distribution maximizes density, strength, & product consistency
- Uniquely increases water tolerance, cement efficiency, and production rate to minimize cost per unit
- Inhibits growth of mold and mildew by virtue of slower wetting and faster drying of concrete products

TECHNICAL INFORMATION

Appearance.....White, free flowing liquid.

Specific Gravity0.96

Freezing point.32oF (0oC)

REC PROOF P13 is compatible for use with other RECKON plasticizing, efflorescence-controlling, and set-accelerating admixtures to achieve specific performance.

PACKAGING

REC PROOF P13 is packaged in (1000 L) tanks, (210 L) drums

SHELF LIFE

6 months in original, unopened container.

SPECIFICATIONS/COMPLIANCES

- REC PROOF P13 achieves excellent results when tested in accordance with ASTM E 514, "Standard Test Method for Water Penetration and Leakage Through Masonry".

DIRECTIONS FOR USE

Dosage Rate: REC PROOF P13 is intended for use at a rate of 0.5 to 4 oz/100 lbs. (33 ml/100 kg to 261 mL /100 kg) of cementitious material.

WATER REPELLENCY:

Normal Weight Block - 1 to 2 oz/100 lbs. (65 to 130 mL /100 kg) of cementitious material.

Medium Weight Block - 2 to 3 oz /100 lbs. (130 to 196 mL /100 kg) of cementitious material.

Lightweight Block - 3 to 4 oz/100 lbs. (196 to 261 mL/100 kg) of cementitious material.

IMPORTANT: Plant evaluation and lab certification procedures will determine the optimal dosage of REC PROOF P13 to use for water repellent-specified masonry construction. For test methods used to evaluate such performance, please refer to NCMA TEK 19-7, "Characteristics of Concrete Masonry Units with Integral Water Repellent."

EFFLORESCENCE CONTROL: REC PROOF P13 provides efflorescence control when used at a dosage rate of 1 to 2 oz/100 lbs. (65 to 130 mL per 100kg) of cementitious material.

PLASTICIZER: Use at a rate of 0.5 to 1 oz/100 lbs. (33 to 65 mL/100 kg) of cementitious material to speed production and assist with challenging mold configurations. REC PROOF P13 should be added after all materials are thoroughly wetted, and after a minimum of 75% of the total mix water has been added.

Never allow contact with dry cement. Mix thoroughly as required base on mixer efficiency.

NOTE: REC PROOF P13 is a component of a 2-part system that includes the use of REC PROOF P13 to prevent water penetration through the mortar joints.

PRECAUTIONS/LIMITATIONS

- REC PROOF P13 must be stored between 40oF (4oC) and 105oF (40oC). REC PROOF P13 must be protected from extreme heat (direct sunlight) and freezing temperatures. REC PROOF P13 is not usable after it freezes.
- REC PROOF P13 is intended for use with proper mix designs and quality materials.
- REC PROOF P13 will not compensate for flaws in building design, improper production procedures, or improper construction methods. The Reckon Chemical Company is not responsible for inappropriate use of REC PROOF P13.
- Remove excess mortar promptly and clean residue

NOTE - The coverage rate will be greatly extended due to the reduced rate of initial absorption.

- In all cases, consult the Safety Data Sheet before use.

WARRANTY: The Reckon Chemicals (Pvt) Ltd. (Reckon) 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 Reckon, no other representations or statements made by Reckon or its representatives, in writing or orally, shall alter this warranty. Reckon 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 Reckon product fails to conform with this warranty, Reckon 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. Reckon does not authorize anyone on its behalf to make any written or oral statements which in any way alter Reckon's installation information or instructions in its product literature or on its packaging labels. Any installation of Reckon 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 Reckon's products for the Buyer's intended purposes.

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