



ChlorSil

Integral concrete and Mortar Water Repellant

Description:

Complex chemical Alkoxsiloxane admixture which provides integral water repellent properties for concrete and mortars subjected to aggressive salt and moisture environments. When properly dosed, admixture does not adversely impact the concrete mix for strength development. Effective on mortar top coats that will be left exposed to prevent mold, mildew and water damage.

Uses:

Balconies, Patios, sidewalks, and anywhere new gray and colored concrete is poured to produce an integral lasting moisture repellent structure that is clean and resistant to the elements and moisture damage. It preserves metal reinforcement from Chloride attack and produces a more effective barrier than topical applied repellants. Can be used for the installation of masonry units and glass blocks. Smaller dosages will eliminate efflorescence in products such as pavers, roof tiles, statuary, and many more uses.

Limitations:

Once repellency is established, surfaces become hydrophobic and difficult to bond water based materials. Some acrylic fortified product can resolve the bonding of tiles and flooring systems, testing is strongly advised prior to completing the installation. Repellency develops in 5 to 7 days. Do not use to reduce steel cover on water exposed mass concrete subjected to significant head pressures.

Dosages:

Add one gallon of concentrate per cubic yard of concrete containing at least 470 or more pounds of Portland cement. Normal dosage for mortars is of 20 to 25 ounces per sack of Portland cement based cementitious product.

Packaging:

Supplied in cases of 4/1 gallon bottles and 5 gallon pails.

Compliance:

Request extensive testing document available.

Clean-up:

Clean up spills by using absorbent media and disposing according to local rules.

Product safety:

Avoid spilled product into sewers, drains and storm systems. Use adequate skin, eyes and breathing protection when handling this Product. Avoid contact with eyes and mucous membrane. Seek medical attention if contact develops in irritation. Accidental ingestion or vapor mist inhalation, do not induce vomiting, seek medical attention.

TECHNICAL DATA

Warranty: When product is used according to directions, warranty is limited to the refund of the purchase price if deemed defective at manufacture. This product is intended for industrial professional use by competent tradesmen. Builders Construction Products shall not be liable to the purchaser or any third party for costs of labor direct or indirect, and incidental or consequential damages related to the use or suitability of this product. No other warranties are implied. Responsible disposal of used products and packaging is the responsibility of the purchaser and or end user.

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