



PAKCHEM

PakChem Construction Chemical

PK POWDER ADMIX

Water Proofing Agent for concrete and Plaster

PRODUCT DESCRIPTION

PK POWDER ADMIX is a calcium stearate dispersion developed to function as a water protective additive to cement based construction. PK POWDER ADMIX is chemically designed to provide resistance to water penetration building structures such as concrete blocks and masonry units.

DIRECTIONS FOR USE

PK POWDER ADMIX is readily dispersible in concrete and mortar mixes assuring uniformity of distribution for optimum protection to water. Water reducers in the block mix then determine faster or reduced mix designs. It will determine resistance to frost damage and corrosive agents that attack the steel reinforcement of the concrete. The action of PK POWDER ADMIX on blocking the capillary seepage of water through the paste will reduce shrinkage cracking. In house tests were conducted to determine the performance of PK POWDER ADMIX in protecting against water seepage through specimens of a mortar mix based on ASTM C-109. Specimens were cured at room temperature, 100% humidity for 7 days and 24 hours at 150°F. The rate of water seepage was measured in cubic feet. Water seepage pressure. No water increase was used since they can have an influence on permeability of the paste. The attached diagram shows the results on permeability reduction when PK POWDER ADMIX contents are incorporated in the mortar mix at 1.5%, 2.0% and 3.5% solids based on the cement contents of the mix.

PACKAGING

PK POWDER ADMIX is supplied in 10 Kg bag into 1 Kg packing, lined poly bags. Store at room temperature to prevent damage of the product. Additional handling data is contained in a Material Safety Data Sheet (MSDS).

TYPICAL PROPERTIES

Appearance:	Opaque White Powder
Appearance:	White
% Solids Content:	100
Density:	800 kg/m ³
Viscosity:	< 0.8 cps
pH:	8.5
Free Alkali:	Nil

DOSAGE RATES

1.2 kg / 50 kg bag of cement

TECHNICAL SERVICE

A trained PakChem representative is available to assist in the preparation of specifications, and the resolution of concrete problems in the field.

WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to PakChem Construction Chemicals ("PakChem") quality control standards. All recommendations, statements, and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guarantee of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose.

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