

# CHEM POWDER-WP 6000

WATER PROOFING AGENT FOR  
CONCRETE & PLASTER

DATA SHEET





# CHEM POWDER-WP 6000

## WATER PROOFING AGENT FOR CONCRETE & PLASTER

### PRODUCT DESCRIPTION

CHEM POWDER - WP 6000 is a calcium stearate dispersion developed to function as a water protective additive to cement based construction forms, when used as an internal additive. CHEM POWDER - WP 6000 is chemically designed to provide resistance to water penetration to building structures such as concrete blocks and masonry walls.

### DIRECTIONS FOR USE

CHEM POWDER - WP 6000 is readily dispersible in concrete and mortar mixes assuring uniformity of distribution for optimum protection to water. Water ingress in the block is the most detrimental factor for its durability. It will determine its resistance to frost damage and corrosive agents that attack the steel reinforcement of the concrete. The action of CHEM POWDER - WP 6000 on blocking the capillary seepage of water through the paste will reduce those damaging effects. In house tests were conducted to determine the performance of

CHEM POWDER - WP 6000 in protecting against water seepage through specimens made 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 triplicate, at atmospheric pressure. No water reducers were used since they can have an influence on the permeability of the paste. The attached diagram shows the results in permeability obtained when CHEM POWDER - WP 6000 was incorporated in the mortar mix at 1.5%, 2.0% and 3.5% solids based on the cement contents of the mix.

### INSTRUCTIONS FOR USE

CHEM POWDER-WP 6000 is supplied in 02kg,10kg & 15kg bag into 1 kg packing), lined poly bags. Store at room temperature to prevent damage of the product. Additional handling information is contained in a Material Safety Data Sheet (MSDS).

### TYPICAL PROPERTIES

Appearance Opaque White POWDER

- Appearance: White
- % Solids Content: 100
- Density: 800kg/m<sup>3</sup>
- Viscosity: < 0.8cps
- PH: 8.5: 8.5
- Free Alkali: Nil

### DOSAGE RATES 1-2kg/50 kg bag of cement.

### TECHNICAL SERVICE

CHEMCONS A trained CHEMCONS Chem 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 S.K.M Construction Chemicals ("CHEMCONS") 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 guaranty 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.

### FOR YOUR INFORMATION:

CHEMCONS Construction Chemicals Company is the wide range manufacturer of construction chemicals, including concrete repairing mortars, curing compounds, adhesives, concrete protection coatings, waterproof coatings, heatproof coatings, grouts & Tile Bond.

**Separate Technical Data Sheets are available for these products.**

