

## MASTERPROOF IWP 2

INTEGRAL WATERPROOFING POWDER FOR CEMENT CONCRETE & MORTARS

### DESCRIPTION

**MASTERPROOF IWP-2** is powder integral waterproofing compound for cement concrete and mortar. It is a special blend of water repellents and other chemicals to be used as admixture. It forms an internal barrier against water penetration. It also increases the workability of mortar, reduces water absorption and thereby protects against freeze / thaw damages. It slightly improves the final strength of concrete and mortar.

### FEATURES / ADVANTAGES

- Forms an internal barrier against water penetration
- Reduces the permeability of mortar as well as concrete
- Reduces capillary action
- Provides limited workability to concrete and mortars
- Improves slightly final strength of concrete and mortar
- Non-toxic
- Does not corrode the reinforcements

### TYPICAL APPLICATIONS

- In situ concrete
- Precast concrete
- Stone work mortar
- Cement block rendering mortar

### TYPICAL CHARACTERISTICS

- Nature : Free flowing powder
- Color : White
- Chloride Content : 0.5 % Max., according to BS-5075 Part 1 & IS 6925

### ENGINEERING DATA

Specification Complies :

IS 2645-2003

ASTM C – 494, Type A & D

- Indian Standard Specifications

- American Standard Testing Materials

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### **DIRECTION FOR USE**

#### **DOSAGE**

500 gm. per 50 kg bag of cement is usually sufficient to produce watertight / waterproof cement mortars. Can be increased or reduced to get desired advantages.

Mortar or concrete mix redesigned and tested by normal trial batch methods. Add Masterproof IWP 2 to the dry cement and sand mix. Mix it thoroughly, and then add the required quantity of gauging water.

#### **CLEANING OF TOOLS AND EQUIPMENTS**

Tools and equipment's can be cleaned with water.

#### **STORAGE AND SHELF LIFE**

Shelf life is 2 years when the material bag is unopened. Store the material in cool and dry place (at 25°C temp. & 50% RH)

#### **PACKING**

500gms, 30kg

#### **PRECAUTIONS**

- Mix it with dry cement, sand mix only.
- Do not mix (Gauging) water or directly to the mix.
- Unused material should be protected from water.

#### **DISCLAIMER**

The above information and details herein are based on the tests conducted & experience on application and usage. The user is advised to carry out the test and take trials for satisfaction on the suitability of the product meeting his requirement, considering the prevailing conditions prior to apply/ using it on larger area. As the conditions under which the products are used or transported are beyond our control. We would not hold ourselves responsible on its consequential non performance.