

## **HI-PROOF P**

**(Powder Integral Water Proofing Compound.)**

### **DESCRIPTION**

HI-PROOF P is a powdered integral waterproofing compound used for addition into concrete and cement mortars. When added to the mix, it spreads over the cement surface area, disperses the cement particles while reducing the effect of capillary action. It also makes the matrix hydrophobic and reduces its permeability, thus increasing the water proofing effect by many folds.

### **USES**

Water proofs concrete.

Prevents water penetration and absorption into concrete.

Prevent water seepages and leakages.

Reduces shrinkage cracks in mortars and concrete.

It is used for waterproofing of concrete and sand-cement mortar used in basements, roof slabs, water retaining structures, external plastering, bathrooms and balconies.

### **ADVANTAGES**

Improves workability of the mix.

Produce cohesive mixes.

Permeability of the mortar and concrete reduced appreciably.

Reduces water bleeding.

Helps to achieve good compactibility low cost.

### **TECHNICAL DATA**

Texture	:	Powder
Color	:	White
Sp. Gravity at 25 <sup>0</sup> C	:	1.28 ± 0.01
Chloride Content	:	Nil
Particles Size	:	200 mesh
Self Size	:	12 months

### **PACKING**

Hi – Proof P is packed in 1 KG, 25 KG and 50 KG HDPE bags.

### **DOSAGE**

Add 1 kg of Hi – Proof P powder per 50 kg of cement of 2% by weight of cement.

### **DIRECTIONS FOR USE**

Add Hi – Proof P powder to the dry mix of cement and aggregate and mix it evenly with a spade. Then add the required measured quantity of water and mix as usual practice to completion.

### **STORAGE**

Store in a cool dry place.

### **LIMITATIONS**

Do not add Hi – Proof P powder directly to the gauging water.

### **CAUTIONS**

Hi – Proof P is non-toxic material. However, any splashes on the human body, must be washed with plenty of water.

**This Product is Formulated and Labeled and Commercial use only**  
**For Best Results and Safest Usage, User is Specialty Directed to Consult.**

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