

# K PLAST IP

## Waterproof Plaster Additive



### Description :

KPLAST IP is supplied as ready to use powder which should be dry mix in mortar. It introduces air into mortar in the form of extremely fine and evenly dispersed bubbles. This entrained air imparts improved workability which, due to the stability of the tiny bubbles, prevents premature stiffening and avoids the need for repeated "knocking up". In the hardened mortar these minute bubbles provide a cautionary effect in screeds or renders. Capillary channels are also made discontinuous by the formation of the bubbles, thus reducing the penetration of water.

LIME MIXES : Addition of lime to cement mortar mix to improve plasticity can be completely omitted and replacement should be made with KPLAST IP very economically.

### Uses :

K PLAST IP is waterproof plaster additive available in powder form, for cement mortar, conforming to BS-4887 & IS - 2645 : Part-1 : 1999.

### Advantages :

- Reduces the permeability, particularly in low cement content and high water/cement ratio mixes.
- Prolonged workability
- Easier spreading of mortar and easy placing of bricks and blocks
- Reduces mortar droppings from surface
- Improves finishing
- Greater resistance to frost damage during construction
- Protection against freeze-thaw damage after construction
- Increases durability and watertightness by protecting against the ingress of dampness, soluble salts and other aggressive chemicals
- Increased yield of mortar results into cost benefits
- Reduces drying shrinkage cracks
- YIELD : KPLAST IP will increase the yield of the mortar significantly. (depending on type of Sand)



### Dosage & Packing :

200 gms pouch, 1 kg/5 kg/25 kg HDPE bags. KPLAST IP is supplied in powder form and should be dry mixed into the mortar and water should be added as required slowly with continuous mixing.

### Shelf Life :

24 months storage life when stored in original unopened container at between 5 °C to 45 °C in a dry and shaded place.

### Health & Safety :

KPLAST IP is non-hazardous. It should not be swallowed or allowed to come into contact with skin or eyes. Suitable protective goggles and gloves should be worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical attention immediately, do not induce vomiting.



### Note :

All information is given in good faith on the results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since we don't have any control on site conditions and its uses.

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