

# **POLYBOND**

## **POYMER BONDING ADMIXTURE FOR CONCRETE & MORTAR**

### WHEN USED AS A BONDING AGENT FOR REPAIRS AND FOR WATERPROOFING:

- \* Ideal for repair jobs involving Cement or Lime Mortar.  
Firmly bonds Old Cement to new.
- \* Can be used as a Cement Slurry, even on Damp surfaces, to waterproof them.

### WHEN USED AS ADMIXTURE IN CEMENT MORTAR

- \* Greatly increases Flexural, Tensile, Shear Bond and Impact strengths.
- \* Increases Abrasion Resistance Spectacularly.
- \* Waterproofs Mortar completely with only 2% addition.
- \* Effects economy, due to requirement of only 10mm thickness of mortar,
- \* Self cure.....contains Internal Curing Membrane. Requires no further water for Hydration. ( Except in very Dry and Hot conditions).
- \* Eliminates surface cracking completely.

Brush Polybond/Cement Slurry on to the Broken or Honeycombed surfaces, followed by cement mortar 1:4 Cement/Sand mix, which should also preferably contain 'POLYBOOD' in the proportion of at least 5 parts by weight of POLYBOND' to 100 parts by weight of cement. Even 10 parts of 'POLYBOND' to 100 parts of cement may be used, depending on the quality of work desired.

### NOTE :

- 1) Always use the minimum amount of guaging water in the mix to get a workable mixture. This will ensure minimum porosity and maximum strength.
- 2) 'POLYBOND' modified Cement will give a permanent bond between old and new mortar or concrete. This layer will also have excellent Flexural and Tensile Strength and will be completely waterproof.
- 3) A sealing coat of Pure Polybond can be brushed over a finished patched job, to further Improve the quality of the repaired area and seal it against moisture. If this is done, no further water curing is necessary, as complete hydration will follow within the Mortar and it will be automatically cured.
- 4) PAINTING : A surface sealed with 'POLYBOND' can be subsequently painted with any paint and the bond will be excellent.
- 5) All proportions of 'POLYBOND' are related to the quantity of 'PURE CEMENT' not the Cement/Sand mixture.
- 6) The correct quantity of 'POLYBOND' may be measured in kgs. or in litres and added to the guaging water before it is added to the cement/sand mixture. This will ensure even distribution.