



## **POLYMIX-PLUS**

### **"Multipurpose Polymer Admixture"**

#### **DESCRIPTION :**

POLYMIX-PLUS is a single component; water based high solids, Milky White, acrylic Polymer Modified Specially for Portland Cement Compositions. It is an advanced technology used for both as waterproofing and Repairing Of Concrete Patchwork, Creaks, & Also used as Water Reducing, High Bonding Cement Admix, After an application of POLYMIX-PLUS, it becomes a Full Strength, Water Proof, elastomeric seal in the form of monolithic uniform membrane, which protects from UV rays & aging.

#### **USES :**

POLYMIX-PLUS is used for waterproofing, Repairing Of Concrete & Cracks, Vatas, Steel-Corrosions, Cement Admix for Water Reducing & High Bonding, Grouting, backing Coat to porous stones (i.e. marble granites) backside to protect from surface moisture & so many Applications. water proofing properties to building envelopes like Industrial factory roofing, concrete, building roofs, terraces, electronic exchange building roofs, exterior walls, and other Recommended surfaces.

#### **ADVANTAGES :**

- Reduces Shrinkage, Cracking and Freeze-thaw damage.
- Waterproofing properties keeps building waterproof.
- It Gives full Strength & Toughness to Cement Mortars For high durability.
- Outstanding durability.
- Excellent adhesion bonds tenaciously to porous as well as sound surfaces.
- Keeps building's aesthetic appearance for longer time.
- High durable, retains properties in climatic extremes.
- Non-toxic .
- Easy to apply.

#### **WATER PROOFING / BONDING COAT :**

Prior to any applications of Repairing, Bonding Coat is require for bonding mortar to substrates. prepare bonding coat as per below.

**Water Proofing Properties achieved with 2 coats of following ratio.**

POLYMIX-PLUS	1 PART (by vol.)
WATER	2 PART (by vol.)
CEMENT+SAND	(1:2PBV.) :4 PART (by vol.)

Apply Repair mortar immediately to the bonding coat before it dries. prepare Repair mortars as per below.

#### **REPAIR MORTAR :**

##### **Small section :**

POLYMIX-PLUS	0.1 Ltr.
CEMENT	1 Kgs.
SAND	3 Kgs.

**Big section :**

POLYMIX-PLUS	0.1 Ltr.
CEMENT	1 Kgs.
SAND	1.5 .Kgs.
5 - 6 mm AGGR.	2 Kgs.

**COVERAGE :**

20Sq. Ft. per Kg. For 10 mm. even thickness.

**CURING :**

External curing is not required but at the time of hot climate we recommend to cure with fog spray 3 times a day for three days.

**GROUTING :**

POLYMIX-PLUS	1 PART (by vol.)
WATER	4 PART (by vol.)
CEMENT	As per requirement

Mix Uniformly to thin slurry. & Grout with pump under sufficient pressure head.

**STONE / MARBLE PROTECTION :**

POLYMIX-PLUS	1 PART (by vol.)
WATER	1 PART (by vol.)
WHITE / GRAY CEMENT	As per requirement

**ADMIX FOR CEMENT & CONCRETE :**

1 to 5 Kgs. p 50 Kgs. of cement bag.

**COMPOSITION AND MATERIALS :**

POLYMIX-PLUS is a white colored Liquid consistency and flowing materials, which consist of water, based high solids elastomeric poly acrylic resin and proprietary Chemicals

**PACKING :**

POLYMIX-PLUS is packaged in 5 / 20 Kgs. pack.

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