

### DESCRIPTION:

**POLYBOND Fx.** is a multipurpose bonding agent. It consists of synthetic polymer dispersion and other additives that improve workability and enhance bonding strength and other mechanical features of mortars.

### ADVANTAGES:

**POLYBOND Fx.** offers the following benefits:

- Excellent adhesion in dry, damp, or permanently wet conditions to both concrete and steel.
- Enhances compressive and tensile strengths.
- Enhances abrasion resistance.
- Low water permeability. • Enhanced resistance to freeze-thaw cycles, alkalis and dilute acids.
- Low shrinkage.

### APPLICATION METHOD:

**POLYBOND Fx.** can be used as:

- 1) A primer for porous substrates
- 2) A surface dust sealer for concrete floors & hardboards
- 3) A bonding agent to enhance the strength of plastering, rendering and repair mortars.

#### a) Preparation:

The substrates should be solid, sound, clean and free from grease, oil, loose debris and other contaminants that may affect the bonding strength. For plastering, rendering or repair mortar, it is always recommended to moisten the substrates, first.

#### b) As a primer:

Dilute 1 part of **PolyBond Fx.** with 2 parts of water and apply it onto porous substrates using a brush or a roller. Continue the work while the primer is still tacky.

#### c) As a floor surface sealer:

Apply a first coat of primer as indicated above. Apply a second coat of undiluted **PolyBond Fx.** After 4 hours, the surface is sealed and ready for traffic.

#### d) As a bonding agent for plasters & renders:

Apply a first coat of primer as indicated above. Prepare the plastering, rendering or repair mortar. Mix by substituting 1/4 (25%) of the necessary water quantity with undiluted **PolyBond Fx.** Apply the mortar while the primer is still tacky.

### HEALTH & SAFETY:

**PolyBond Fx.** is solvent free concrete bonding agent. It is safe to use by applicators without the need for special protective clothing, mask or gloves. It does not need special storage conditions.

# PolyBond Fx.

## Admixture & Bonding Agent



Ver. A1218

**Safety:** In case of skin or eye contact, wash immediately with plenty of water. All kinds of construction chemicals should be kept away from children always.

### SHELF LIFE:

**Storage:** Can be stored up to 9 months in a ventilated covered place.

### SUPPLY:

5 ltr. & 20 ltr. Plastic jerry cans.

### TECHNICAL DATA:

specification	POLYBOND Fx. Result
Appearance	Milky white liquid
Density (@ 25°C)	1.03 Kg/ltr
PH	8-9
Solid Cont.%	9-12%
VOC	0.1% Max



Disclaimer: we attempt continually to ensure that all information, advices, methods and recommendations noted here in this technical data sheet are accurate. However, because we have no control where and how this product may use or applied, we cannot accept any liability arise from the use of this product.

**Polygon** Polygon Speciality Construction Chemicals

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