



Blending Cement Products Since 1967

# POLYBOND



**Founded, Based and  
MADE IN THE U.S.A.**

Premium Latex Additive

## DESCRIPTION:

PolyBond is a water based, high solids, acrylic emulsion admixture and adhesion promoter specifically designed for use with CGM cement products. When exposed to moisture it will not re-emulsify making it ideal for both interior and exterior applications.

PolyBond should be used as directed in CGM patching products and concrete repair materials to improve the adhesion, tensile and flexural strengths when needed. The modified materials will also derive increased abrasion resistance, increased resistance to moisture, water, freeze / thaw and cracking.

## PRODUCT FEATURES:

- Can be used in a wide variety of applications
- Improves resistance to moisture and freeze / thaw
- Concentrate, very high solids
- Can be used as an admix or bonding agent
- Water based, Non-Flammable, Non-Toxic, Non Explosive
- Improves adhesion, strength, and flexibility
- No dangerous emissions or irritating fumes, VOC compliant
- Increases working time
- Interior and exterior applications; above and below grade
- Low particle size for excellent penetration

## SUBSTRATE PREPARATION:

Observe all specific surface preparation instructions for the CGM cement product being applied. Surfaces must be clean, dry, sound and free of dirt, loose or spalled concrete material, oil, sealers, curing compounds and form release agents. All contaminants that may interfere with bond such as paint, laitance, grease, efflorescence etc. must be removed by mechanical means. Mechanical cleaning can be done by shot-blasting, grinding, high pressure washing or similar means. Sanding can be used for approved wood applications only.

Never use any chemical cleaner, mastic remover or acid on a surface to which a CGM product is to be applied. New concrete surfaces must be cured for 28 days. Steel surfaces must be mechanically White metal cleaned and dry.

Concrete surfaces should be open, absorbent and 45° F.

## MIXING / ADDITIVE:

Always Box (Mix Within Itself) the CGM PolyBond prior to using or diluting. After boxing, if directed, dilute PolyBond with clean cool water. Mix thoroughly at the proper ratio to create the mixing liquid. The ratio is determined by the data sheet of the CGM cement based product being applied and the application. Measure and add the proper amount of mixing liquid to a clean container, then while mixing, combine the CGM cement based material. Follow all specific mixing and application instructions.

## SLURRY BOND COAT

SSD (Surface Saturated Dry) concrete substrate with water prior to and maintain during slurry application. Mix slurry by combining undiluted PolyBond with the CGM repair material being used. Mix to a pourable consistency, scrub into surface and place repair material while slurry is still wet. If the slurry coat is allowed to dry, it must be mechanically removed and reapplied.

**03 01 00**

Maintenance of Concrete

**3**

**03 50 00**

Concrete Repair

**3**

### **PACKAGING:**

1 Gallon jug (4 per case)  
36 cases per pallet

5 Gallon pail  
36 pails per pallet

225 Gallon Tote  
1 per pallet

### **COLOR:**

Milky White

### **SHELF LIFE:**

1 Year in original package

### **ADDITIVE APPROVED WATER DILUTIONS:**

Depending on Product & Application  
See individual datasheets

### **APPLICATION TEMPERATURE RANGE:**

50°F - 90°F

# POLYBOND

## **IMPORTANT APPLICATION NOTES AND LIMITATIONS:**

1. It is the responsibility of the contractor to review the complete technical datasheets of CGM products referenced above as more detailed information may be required. The information provided above acts only as a general guideline and may vary based on jobsite conditions.
2. Do not allow to freeze in storage.
3. Only dilute per instructions on individual TDS.

### **STORAGE:**

Store in cool dry place. Tightly seal package and do not expose to sun.

### **FLAMMABILITY: (ASTM E-84)**

Flame Spread: -0-

Fuel Contribution: -0-

Smoke Development: -0-

### **VOLITALE ORGANIC COMPOUNDS**

0 g/l

### **CLEAN UP:**

Clean tools with water immediately after use or by mechanical means once dry.

### **HEALTH AND SAFETY:**

Always refer to the Safety Data Sheet (SDS) prior to using this product for full Health, Safety and Handling guidelines. SDS sheets are available by calling 215 638-4400 or you can visit [www.cgmbuildingproducts.com](http://www.cgmbuildingproducts.com)

For Professional Use Only

**KEEP OUT OF REACH OF CHILDREN**



***Founded, Based and  
MADE IN THE U.S.A.***