



# PolyLoc (PVA Bonder)

A Poly-vinyl Acetate Bonding Agent or Admixture



## Coverage

Approximately 200ft<sup>2</sup> to 300ft<sup>2</sup> (18.6m<sup>2</sup> to 27.9m<sup>2</sup>) per gallon as a bonder.

Coverage may vary due to ambient temperature, surface temperature, surface porosity, and/or application methods.

## Packaging

1 gallon (3.78L) bottles  
5 gallon (18.92L) pails

## Storage

1. Store pails in a cool, dry location.
2. Store at a temperature between 40°F (4°C) and 90°F (32°C).
3. Store out of direct sunlight.
4. Protect pails from weather and other damage.

## Shelf Life

2 year

## Color

White liquid; dries clear

## Product Description

**P**olyLoc is a poly-vinyl acetate (PVA) based bonder or admixture for cementitious or gypsum plaster products. PolyLoc can be used in bonding new cement-based or gypsum-based products to a variety of existing, properly prepared substrates and as an admixture to increase tensile, bond, and flexural strength of approved products.

## Features

*VOC Compliant*

*Re-emulsifying*

*Brush, Roller or Spray Application*

*Cost Effective*

*Easy to Use*

## Benefits

Low odor and toxicity

Gives the flexibility to apply finish even after drying

Wide variety of application methods

Saves money compared to sand-blasting or removal of existing materials

Premixed with no additives required; cleans up with water

## Basic Uses

PolyLoc improves the adhesion between cementitious or gypsum plaster products and difficult to bond to substrates. Also, PolyLoc may be used as an admixture to improve performance of approved products.

## Area of Use

As a bonding agent over:

1. One coat products, plaster brown coats, and stucco
2. CMU, poured-in-place and/or tilt-up concrete, masonry
3. Approved Omega base coats
4. Approved cement-based products
5. Acrylic or water-based paints
6. Gypsum drywall and gypsum-based plasters
7. Acrylic or water-based paints
8. Mortar setting beds, grout

As an admix in:

1. Approved cement-based products
2. Liquid component in a sand/cement slurry coat

NOTE: Contact an Omega representative for use in other products.

## Surface Preparation

All surfaces to receive application must be clean and free of debris, dirt, dust, efflorescence, grease, oils, curing agents, and cleaning solutions. Ensure that all surfaces are smooth and free of any irregularities. Repair all cracks with the appropriate patching material for the existing substrate. Painted or glossy surfaces must be roughened to ensure a proper bond.

## Mixing

Shake or mix the PolyLoc thoroughly, immediately prior to use. THIS PRODUCT IS NOT TO BE DILUTED.

## Application

As a Bonder:

1. Ensure that the receiving surface has been properly prepared according to the Surface Preparation instructions listed above.
2. Apply PolyLoc with the thickness of a paint-like coating using a sprayer, brush, or roller to surface when surface is dry or damp, but not wet.
3. Protect PolyLoc film from inclement weather conditions until application of finish.
4. Apply the desired finish when PolyLoc is tacky or dry to the touch. Fast set mortars must be applied while bonder is tacky, but not dry. Application of finish may occur as soon as PolyLoc becomes tacky, or up to 10 days after application of PolyLoc. Do not break through the PolyLoc film when applying finish.

As an Admixture:

1. Properly mix the cementitious product per the appropriate product data sheet.
2. Add PolyLoc to mix per the table below. More bonder may be used when increased performance is required. Add the amount of PolyLoc most closely related to the products listed above when using other cement products. If applicable, follow the product's application instructions when adding PolyLoc as an admixture.
3. Mix product mixture slowly after adding PolyLoc to achieve an even consistency. Do not over mix.

| Application             | Omega Product | Quantity                 |
|-------------------------|---------------|--------------------------|
| One coat Stucco Systems | Diamond Wall  | 4qt to 7qt per 80lb bag  |
| Scratch Coat            | Super Cement  | 6qt to 10qt per 90lb bag |
| Brown Coat              | Super Cement  | 6qt to 10qt per 90lb bag |
| Finish Coat             | ColorTek      | 1qt to 2qt per 90lb bag  |
| Patch & Repair          | ...           | 2qt to 4qt per 90lbs     |
| Scrub Coat              | ...           | Use in place of water    |

## Drying

Drying time may be as little as one hour depending on surface and ambient temperatures and surface porosity. Protect the applied area from inclement weather until the application of new coating is installed. Do not allow product to freeze until fully dry.

## Limitations

**DO NOT** use PolyLoc when the ambient and/or surface temperatures are below 40°F (4°C).

**DO NOT** add any other materials to the mixture of the product without written approval from Omega Products International, Inc.

**DO NOT** deviate in the mixing or application procedures contained in this, or any other Omega Product Data Sheets, without written approval from Omega Products International, Inc.

**DO NOT** apply PolyLoc if there are contaminants on the receiving surface. Contaminates may include, but are not limited to, dust, debris, efflorescence, and or oils.

**DO NOT** mix the PolyLoc into any other products other than those listed in the Area of Use section of this Product Data Sheet without written approval from Omega Products International, Inc.

**DO NOT** use product where it will be exposed to standing water for extended periods of time.

**NOTE:** Failure to follow manufacturer's written specifications could result in the following, but not limited to spalling, cracking, peeling, chipping, delamination, discoloration, wash off, and overall system failure.

## Cleaning

Cleaning may be accomplished with water immediately after use.

## Safety

Avoid contact with eyes or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush immediately with running water for at least 15 minutes. Consult a physician immediately. Do not take internally. Be sure to provide adequate ventilation in enclosed areas. Use of an approved respirator is recommended.

KEEP OUT OF REACH OF CHILDREN

### Disclaimer

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### Claims

Any Claimant shall notify Manufacturer immediately in writing of any alleged defect in the material. Claimant will provide Manufacturer with a reasonable and exclusive opportunity to investigate and test for the alleged defect. For any claim that is not valid Claimant agrees to pay Omega's reasonable charges, including travel and labor associated with investigation of such claim.

### Technical Assistance

Technical assistance and information is available by calling Omega Products International, Inc. at (800) 600-6634 or FAX (951) 520-2594 or by e-mail at info@omega-products.com.

### Warranty

The following is made in lieu of all expressed and implied rights, warranties and conditions, statutory or otherwise. The manufacturer's only obligation shall be to replace such quantity of products proven to be defective within one year following the date of manufacture, provided that the alleged defective product is returned prepaid to the manufacturer's plant and is accompanied with proof of purchase and batch number.