

**Technical Data Sheet**



4772

# Polyacrylate Blending Polymer

**PRODUCT DESCRIPTION**

General Polymers 4772 POLYACRYLATE BLENDING POLYMER is a liquid polymer that adds strength to cementitious mortar. This additive is combined with hard aggregates and cement to form a thin-set terrazzo mixture or as a primer for cementitious mortars.

**ADVANTAGES**

- Resists Freeze/Thaw cycling
- Improves bond strength
- Water resistant and non-shrinking
- Can be applied to damp surfaces
- Breathable
- Available for vertical applications

**TYPICAL USES**

4772 POLYACRYLATE BLENDING POLYMER is the liquid resin component for #801 POLYACRYLATE Terrazzo flooring, a primer for polyacrylate cement base mortars, and as a polymer modifier of Portland Cement. The polymer additive allows these mortars to maintain a thermal coefficient of expansion similar to concrete.

**LIMITATIONS**

- Not to be used as a stand-alone product.
- Substrate must be structurally sound, free of standing water and free of bond inhibiting contaminants.
- During installation and initial cure cycle substrate and ambient air temperature must be at a minimum of 40F.
- Strictly adhere to published coverage rates.

**TYPICAL PHYSICAL PROPERTIES @ 73F**

|                                |                  |         |
|--------------------------------|------------------|---------|
| Mix Ratio A:B                  | Single Component |         |
| Color                          | White            |         |
| VOC (Volatile Organic Content) |                  |         |
| EPA Method 24                  | Compliant        |         |
| SCAQMD Method 304              | Compliant        |         |
| Cure Time                      | Dry to Touch     | 5 hours |
|                                | Full Cure        | 28 days |

**SURFACE PREPARATION**

Proper inspection and preparation of the substrate to receive resinous material is critical. Read and follow the "Instructions for Concrete Surface Preparation" (Form G-1) for complete details.

**STORAGE / APPLICATION**

- **MATERIAL DELIVERY AND STORAGE**  
Store materials in accordance instructions, with seals and labels intact and legible. Keep resins, hardeners, and solvents separated from each other and away from sources of ignition. One year shelf life is expected for products stored between 50°F - 90°F.

- **APPLICATION INSTRUCTIONS**

**As Primer**

1. To aid in adhesion, the slab should be damp (with no standing water) before the polyacrylate primer coat is applied.
2. Combine 1 gallon of 4772 polymer with 10-15 lbs. cement to produce a thin slurry. The slurry is applied with a broom, brush, or squeegee. DO NOT mix and apply more material than can be covered in 10-15 minutes.
3. Coverage rates will vary depending upon application.

## CHEMICAL RESISTANCE

For comprehensive chemical resistance information, consult the Chemical Resistant Guide and contact the Technical Service Department.

### Cleanup

Clean up mixing and application equipment immediately after use. Use soap and water for cleanup.

### Safety

Refer to the MSDS sheet before use. All applicable federal, state, local and particular plant safety guidelines must be followed during the handling and installation and cure of these materials. Safe and proper disposal of excess materials shall be done in accordance with applicable federal, state, and local codes.

### Maintenance

Occasional inspection of the installed material and spot repair can prolong system life. For specific information, contact the Technical Service Department.

### Shipping

- Destinations East of the Rocky Mountains are shipped F.O.B. Cincinnati, Ohio.
- Destinations West of the Rocky Mountains are shipped F.O.B. Victorville, California.

For specific information relating to international shipments, contact your local sales representative.

### Disclaimer

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Consult [www.generalpolymers.com](http://www.generalpolymers.com) to obtain the most recent Product Data information and Application instructions.

## Warranty

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