



# 521 COLOR SHIELD

## Prime & Fill

### Acrylic Block Filler

#### Product Description

Color Shield Prime & Fill is a professional quality, heavy-bodied 100% acrylic block filler. Designed to fill and seal porous interior or exterior concrete block surfaces. May be applied to surfaces with a pH up to 13. Excellent for commercial application.

#### Performance Features

- **Fills and Primes Porous Surfaces**
- **Alkali Resistant (up to 13 pH)**
- **Interior/Exterior Use**
- **High Solids**
- **Low Odor & VOC**
- **Easy Soap & Water Clean up**

#### Compliance - Performance - Certification

- ✓ MPI Approved Product List #4
- ✓ Meets Green Seal GS-11 VOC Limits
- ✓ Meets LEED EQ Credit 4.2 VOC Limits
- ✓ Meets CARB VOC Limits
- ✓ Meets SCAQMD VOC Limits
- ✓ Meets National AIM VOC Limits

#### Product Specifications

Resin Type:	100% Acrylic
Color Range:	White
Drying Time:	To Touch: 1-4 hours (75° F. & 50% R.H.) To Recoat: 48 hours
Practical coverage:	80-100 sq. ft. per gallon
Recommended Film Thickness:	Wet: 16-20 mils per coat Dry: 10-12 mils per coat
Weight per Gallon:	14.1 lbs.
Solids by Weight:	76%
Solids by Volume:	58%
Shelf Life:	2 years unopened
Sizes:	Five Gallon pails
V.O.C.	<50 grams per liter
Clean Up:	Water

#### Surface Preparation

##### General:

All surfaces must be cured, firm, dry and cleaned free of loose paint, dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces\*.

\*See warning for existing leaded paint under Precautions.

**New Surfaces:** Follow General Surface Preparation guidelines. New Concrete or Stucco should be allowed to cure for 30 days. Prime entire surface with 521 Color Shield Prime & Fill. This product is primarily designed for new, unpainted, porous masonry surfaces. If used on previously painted projects the surface must be sufficiently porous to allow 521 Color Shield Prime & Fill to fill the pores.

#### System Recommendations

PRIMER: 521 Color Shield Prime & Fill Acrylic Block Filler.

FINISH: Appropriate Kelly-Moore finish coat.

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## **Application: Brush, Roll, or Spray**

**Brush:** Use a synthetic bristle brush for touch up or small areas only.

**Roller:** Use a quality 1 inch or larger roller nap.

**Spray:** Airless sprayer recommended. Use a .023 - .027 spray tip. Back roll immediately after spraying.

Do not apply when material, air, and/or surface temperature is below 40°F or above 90° F. Stir thoroughly before and during use. Maintain a wet edge to avoid lap marks.

Store at room temperature. Keep from freezing.

## **Thinning**

Apply at can consistency. If thinning is necessary to maintain workability, do not exceed one-half pint of water per gallon.

## **Precautions**

**WARNING!** If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

Avoid contact with eyes, skin and clothing. Do not take internally. Wash thoroughly after handling. Close container after each use. For additional safety information consult the Material Safety Data Sheet for this product.

**USE ONLY WITH ADEQUATE VENTILATION.**

**KEEP OUT OF REACH OF CHILDREN.**

## **Proper Disposal**

For proper disposal of excess material, please contact your local city or county waste management agency.

**Limited Warranty:** The statements made on this bulletin, product labels or by any of our agents concerning this material are given for information only. They are believed to be true and accurate and are intended to provide a guide to approved construction practices and materials. As workmanship, weather, construction equipment, quality of other materials and other variables affecting results are all beyond our control, Kelly-Moore Paint Company, Inc., does not make nor does it authorize any agent or representative to make any warranty of MERCHANTABILITY OR FITNESS for any purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Kelly-Moore's quality control standards. Any liability whatsoever of Kelly-Moore Paint Company, Inc. to the buyer or user of this product is limited to the purchaser's cost of the product itself.