

Premium Acrylic based bonding agent and primer designed for use with CMP engineered cements

## DESCRIPTION:

AS-100 is a premium concentrated Acrylic primer designed for interior & exterior applications on structurally sound, clean concrete. In addition to concrete on interior applications AS-100 can be used over wood, well bonded VCT/VAT, Cutback and other adhesive residues not affected by water. Gypsum underlayment, terrazzo, epoxy floor coatings, ceramic, quarry tile, copper, lead and properly treated steel can also be primed with AS-100. Its unique ability to bond to both porous and non-porous substrates makes it ideal for varying jobsite conditions.

AS-100 is easy to use, creates an extremely tenacious bond to the substrate and reduces surface porosity.

## PRODUCT FEATURES

- ▶ Can be roller or broom applied depending on application
- ▶ Excellent Alkali resistance
- ▶ Can be used for Exterior applications of approved CMP products
- ▶ High solids content
- ▶ Non-Flammable, Non-Toxic, Non Explosive
- ▶ Water based and VOC compliant
- ▶ No dangerous emissions or irritating fumes
- ▶ Very low odor
- ▶ Will not harbor or support Mold or Mildew
- ▶ Low particle size for excellent penetration
- ▶ Tenacious bond strength to a variety of surfaces

## SUBSTRATE PREPARATION:

Refer to the data sheet for the CMP cement based product being installed. Follow the specific substrate preparation, priming, mixing and application guidelines. Adhere to all product limitations and if unsure about a particular application, contact CMP technical for job specific support.

## APPLICATION PROCEDURES:

\*See application chart on page 2

## LIMITATIONS:

Surfaces primed with AS-100 should be allowed to dry (Min. 1 - 2 hrs. & Max. 24 hrs). For low temperatures and non porous substrates always allow minimum of 2 hrs. Adequate ventilation should be provided for uniform drying and temperature should be maintained between (50° - 90° F). All substrates must be clean and dry before application. Moisture content of the substrate should be 90% relative humidity (RH) or less prior to application of CMP's underlayments or toppings. Please consult with the individual floor covering manufacturer for acceptable moisture levels affecting their products.

**03 54 00**

Cementitious Underlayments

3

**09 80 00**

Floor Finishes

9

### Packaging:

1 Gal. jug : 4 per case : 36 per pallet  
5 Gal. pail : 36 pails per pallet

**Color:** Light Blue

**Shelf Life:** 1 Year in original package

### Coverage (Yield):

\*See application chart on page 2

### Application Temperature Range:

50° F - 90° F

**Dry Time:** 1 - 2 hours

### Flammability: (ASTM E84)

Flame Spread: -0-

Fuel Contribution: -0-

Smoke Development: -0-

## Primer Application Chart

Substrate	Dilution Ratio	Coverage	Application
<b>Standard Concrete</b>	1 part AS-100 1 part water	400 sq. ft. per gallon of Concentrate	Dilute 1 Part AS-100 with 1 part water and mix thoroughly. Pour out primer and disperse liberally with an exploded tip broom to a thin film. Leave no bare spots or puddles. Broom out any excess primer if puddling occurs while drying. Allow the primer to dry before placing material. (Min.1 hr, Max 24 hrs).
<b>Wood</b> Engineer-approved Subfloors	Undiluted	200 sq. ft. per gallon of Concentrate	Apply AS-100 neat using a 3/8 nap roller to a thin film. Leave no bare spots and roll out any puddles or excess primer. Allow the primer to dry before placing material (Min.1 hr, Max 24 hrs).
<b>Non-Porous Substrates:</b> Epoxy Ceramic Quarry Tile VCT/VAT Highly burnished concrete Terrazzo	Undiluted	250 sq. ft. per gallon of Concentrate	Apply AS-100 neat using a 3/8 nap roller to a thin film. Leave no bare spots and roll out any puddles or excess primer. Allow the primer to dry before placing material (Min 2 hrs, Max 24 hrs).
<b>Highly Porous Substrates:</b> Gypsum screeds Mortar beds	1st Coat: 1 part AS-100 3 Parts Water	250 sq. ft per gallon of concentrate	First Coat: Dilute 1 part AS-10 primer with 3 parts water and mix thoroughly. Pour out primer and disperse liberally with exploded tip broom to a thin film. Leave no bare spots and broom out any puddles or excess primer. Allow the 1st coat to dry before applying second coat. (Min 1hour, Max 24 hrs).
	2nd Coat: 1 part AS-100 1 Part Water	400 sq. ft. per gallon of Concentrate	Second Coat: Dilute 1 part AS-100 with 1 part water. Mix thoroughly and repeat application steps listed above; allow to dry before placing material. (Min.1 hr - Max. 24 hrs).
		<b>Coverage for two coat Application:</b> 150 Sq. Ft. per gallon of Concentrate	

### Eligible LEED credits : 5

Recycled Content (MR 4.1 & 4.2)  
2 Points

Regional Materials (MR 5.1 & 5.2)  
2 Points

Low Emitting Materials (EQ 4.1)  
1 Point

**Qualifying Warranties:**  
1 Year, 10 Year, Lifetime

### Health & Safety:

Please refer to the Material Safety Data Sheet (MSDS) prior to using this product. MSDS sheets are available by calling 215.672.6364 or you can visit [www.levelingcements.com](http://www.levelingcements.com).

### Clean Up:

Immediately clean tools with water.

### Manufactured By:

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# INSTALL