



**PRODUCT #:**  
 P-1590 - Water-Based, Liquid Flashing

## LIQUID FLASHING

### PRODUCT DESCRIPTION:

**BLOCKSEAL® Liquid Flashing** is a liquid-applied water-based flashing that seals window and door substrates in new and existing applications.

A low VOC, acrylic adhesive that provides excellent adhesion on a wide variety of surfaces, **BLOCKSEAL** may be applied to: weathered wood, shakes, plywood, clapboard, primed metal, galvanized, urethane, polyester, adobe, brick, stucco, concrete, masonry, slate, slab, and various other substrates.

The latex based **BLOCKSEAL** contains a high resin formula with ceramic pigments that creates a watertight seal, keeping moisture from penetrating door and window openings beneath the exterior façade of the structure. The high resin content provides excellent adhesion to the substrate, allowing a tight bond to be formed with the finish coat. The bond between **BLOCKSEAL** and the substrate eliminates any possibility of moisture penetrating under the finish coat, thus considerably extending the life of the coating.

Certified by Fenestration & Glazing Industry Alliance (FGIA), **BLOCKSEAL** exceeds the **AAMA 714-22** standard and delivers exceptional crack-bridging performance per **ASTM C1305**, at 20 mils, recovering its shape when cracks close. It also passes **ASTM D 1970** for adhesion over nails and fasteners. **BLOCKSEAL** also complies with **International Residential Code R703.2** and **Florida Building Code 1405.4**, providing a continuous, water-resistive barrier behind exterior wall veneers.

**BLOCKSEAL** may be used on residential, commercial, and industrial applications and may be installed over green concrete. The American Concrete Institute defines green concrete as concrete which has set, but has not appreciably hardened.

### SUBSTRATE PREPARATION:

For appropriate adhesion, it is essential that the surface is properly prepared prior to the application of **BLOCKSEAL**. Clean exterior surfaces by thoroughly pressure-washing to remove any previous coatings, dirt, grease, and other foreign materials, especially mold, mildew and algae. **BLOCKSEAL** will resist mildew growth, but will not kill preexisting mildew or mold.

Repair any structural deficiencies before applying. Any non-structural gaps or cracks should be filled with a waterproofing caulk or sealant.

### APPLICATION:

Use product as packaged. **Do not thin**. Stir well before using. Do not apply when temperatures are below 45 degrees fahrenheit or when humidity is very high. Do not apply when substrate will be subjected to rain or heavy dew before it has had enough time to dry (approx. 1-2 hours).

Apply **BLOCKSEAL** using a brush or roller and spread uniformly, creating a wet film thickness coat between 10-16 mil. Wait a minimum of four hours before applying a compatible paint or other finish coat. Spread rate will vary depending on substrate. Drying time will vary depending on temperature, humidity and location.

If desired surface texture is not achieved, wait at least 12 hours, then, if needed, apply a second coat of **BLOCKSEAL**.

### CLEAN UP:

Clean all spills and tools immediately after use while coating is wet with warm soapy water.

**NOTE:** New masonry must cure 30 days before priming or applying **BLOCKSEAL**. Although APV's coating systems have been designed to be apply over a wide variety of surface types, some substrates require additional preparation. Always consult your APV technical representative regarding each project. In all cases, the substrate must be properly prepared as defined in the instructions below and tested using the ASTM D3359 Standard Test Methods for Measuring Adhesion by Tape Test prior to coating the surface. Please consult with your APV representative for additional guidelines. Inadequate surface preparation and application can lead to coating failure and/or under-performance.

### FEATURES:

**Water-based  
 Liquid  
 Flashing**

**Exceptional  
 adhesion to  
 most surfaces**

**Meets &  
 exceeds AAMA  
 714-22**

**Complies with  
 Florida  
 Building Code  
 1405.4**

**&  
 International  
 Residential  
 Code R703.2**

**Fast drying  
 formula**

**Low VOCs**

**May be used  
 on green  
 concrete**

**TECHNICAL DATA:****Section 1**

<b>Product Code</b>	P-1590	
<b>Product Description</b>	BLOCKSEAL	
<b>Physical Properties</b>	Color:	Off-White
	Type:	Water Based
	Viscosity	105 - 125 KU
	Weight Per Gallon	10.95 lbs/gal +/- 0.30 lbs. - 1.31 g/ml +/- 0.04 g/ml
	Specific Gravity (ASTM D 1475-90)	1.300 +/- .04
	Gloss @ 60°:	NA
	pH:	8.0-9.0
	Flash Point	> 200° F 93.3° C
	Solids	50% by weight - 34.1% by volume
	Theoretical Coverage	546.96 ft <sup>2</sup> /gal @ 1.0 mil dry - 13.42 m <sup>2</sup> /l @25.4 μ
	VOC (wet):	0.19 lb(s)/gal (22.8 g/l)
	VOC (dry):	0.38 lb(s)/gal (45.6 g/l)
<b>Application</b>	Recommended Film Thickness	16 mil (wet)
	Coverage	76.38 ft <sup>2</sup> /gal @ 7.16mil (dry)
	Method	Brush, roll
	Cure Method	Air Dry
	Reduction	None Required
	Clean Up:	Clean or flush with water
	Recommended Equipment	Paint Brush or Roller
<b>Substrate</b>	Type:	Concrete, Masonry, Stucco
	Preparation	IPA wipe; surface should be clean, dry and free from oils, dirt & contamination
<b>Handling &amp; Storage</b>	Shelf Life:	1 year
	Freeze Caution	Protect from freezing
	Recommended Storage	Cool Dry Location - Maximum 104° F
<b>Additional Guidelines</b>	<i>Mix well before using. Keep away from food, drink and heat. Avoid contact with eyes</i>	

