



## Bonding Adhesive BA-2004

**Firestone Item Number: W563587051**

**DESCRIPTION:**

Bonding Adhesive BA-2004 is designed for bonding RubberGard EPDM or FormFlash membranes to wood, metal, masonry and other acceptable substrates.

**METHOD OF APPLICATION:**

Surfaces on or against which BA-2004 is to be applied must be clean, smooth, dry, free of sharp edges, loose and foreign materials, oil, grease, and other contaminants. Sweep the mating surface of the membrane with a stiff broom to remove excess dusting agent, if present, or other contaminants from the mating surface.

Stir the adhesive thoroughly before and during use, achieving a uniform mix with no sediment on the bottom and no marbling evident. Apply Bonding Adhesive at about the same time to both the exposed underside of the sheet and the substrate to which it will be adhered so as to allow approximately the same flash-off time. Bonding Adhesive may be applied with a solvent-resistant paint roller or a spray rig designed to apply adhesives. Apply by rolling the adhesive on to both mating surfaces. Bonding Adhesive should be applied evenly so as to avoid globs. As an option, spray on Bonding Adhesive and then roll out uniformly and evenly with a solvent-resistant paint roller. **Care must be taken not to apply Bonding Adhesive over any area that is to be later cleaned and spliced to another sheet or flashing.**

Allow Bonding Adhesive to flash off until tacky. Touch the Bonding Adhesive surface with a clean, dry finger to be certain that the adhesive does not stick or string. While pushing straight down to check for stringing, also push forward on the adhesive at an angle to ensure that the adhesive is ready throughout its thickness. If either motion exposes wet or stringy adhesive when the finger is lifted, then it is not ready for mating. Flash off time will vary depending on ambient air conditions.

Starting at the fold, roll the previously coated portion of the sheet into the coated substrate slowly and evenly so as to minimize wrinkles. To ensure proper contact, compress the bonded half of the sheet to the substrate with a stiff push broom using heavy pressure.

### PRODUCT DATA

<u>Property</u>	<u>Minimum Performance</u>
Base:	Neoprene
Color:	Yellow
Solvents:	Toluene, Hexane, Acetone
Solids:	23% (min.)
Viscosity:	2300 - 3000 Centipoise, R.V.F. Brookfield, #3 Spindle @ 10 RPM
Weight:	7.05 ± .35 lb/gal (.845 kg ± .042 kg/L)
Specific Gravity:	.845 + 5%
Flash Point:	Less than 0° F (-17.8° C)
Volatile Organic Compound (V.O.C.) Content:	4.9 lb/gal. (581 g/L)

**STORAGE:**

1. Store in original unopened containers at temperatures between 60° F (15.6° C) and 80° F (26.7° C) until ready for use.

**SHELF LIFE:**

1. Shelf life of one year can be expected if stored in original sealed container at temperatures between 60° F (15.6° C) and 80° F (26.7° C). If exposed to lower temperatures, restore to room temperature prior to use.
2. Shelf life will be shortened if exposed to elevated temperatures.
3. Rotate stock to insure stored material will not go beyond the shelf life of one year.

**COVERAGE RATE:**

A coverage rate of 45-60 square feet per gallon (1.10 – 1.47 square meters per liter) may be obtained depending on the substrate. Some insulation surfaces are more uneven and porous and will result in a lower coverage rate while smooth, non-porous facers may result in higher coverage rates. Rates are based on roller application to both mating surfaces. When sprayed and back-rolled, the rate may be slightly higher than when rolled only.

**PRECAUTIONARY DATA:**

1. Flammable. Keep away from fire and open flame and other possible ignition sources during storage and use. Do not smoke when using.
2. Red caution labels required when shipping.
3. Avoid prolonged contact with skin. Gloves should be worn (OSHA approved).
4. Use only in well ventilated areas.
5. Do not contaminate with foreign materials.
6. For professional use only.
7. Review Material Safety Data Sheet specified on the Bonding Adhesive container label.
8. Keep out of reach of children.
9. Thinning is not allowed.
10. Recommended cleaner is Toluene (while fluid).
11. Refer to Technical Information Sheet titled "Recommended Guidelines for Application of Roofing Adhesives to an Occupied Building" prior to installing adhesives.

**LEED INFORMATION:**

Post Consumer Recycled Content: 0%  
Post Industrial Recycled Content: 0%  
Manufacturing Location: South Bend, IN

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**Firestone**  
BUILDING PRODUCTS COMPANY

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Subject to the conditions of Approval  
when installed as described in the current  
edition of the FM Approval Guide



Cements and Coatings for Roofing Systems  
As to an External Fire Exposure Only  
61P2  
See UL Directory of Products  
Certified for Canada  
And UL Roofing Materials  
And Systems Directory  
R9516

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