

Get the Royal Edge Advantage with RPI



Royal Edge Water Based Bonding Adhesive

ROYAL EDGE ADHESIVES

DESCRIPTION

RPI Royal Edge Water Based Bonding Adhesive is a high performance Acrylic Water Based Adhesive contact adhesive specially formulated as a bonding adhesive for RPI Royal Edge EPDM, Re-Flex EPDM and Re-Flex TPO membranes. Royal Edge Water Based Adhesive is a low voc alternative to Solvent Based Adhesives and has excellent adhesion to most insulations/substrates.

THE ROYAL EDGE ADVANTAGE

- Compatible with all RPI EPDM membranes (including Fleece Back)
- Easily applied using 3/8" or 1/2" nap solvent based rollers.
- Provides adhesion with long term performance.
- Low VOC and no solvent based odors.

APPLICATION

Water Based Bonding Adhesive may be applied by spray, roller, or brush in a "Wet" or "Dry" application.

Dry Application

Apply the adhesive to both surfaces in a 3-4 mil thick coating. The adhesive will be white when applied, and clear when dry. When both surfaces are clear, mate the surfaces together and apply pressure using a heavy roller.

Important: Do not allow the coated surfaces to remain exposed longer than necessary. Dust and high temperatures will adversely affect the adhesive performance. Some porous, dry substrates (wood fiber boards) may require additional adhesive.

Wet Application

If the substrate is porous, the adhesive may be applied to the substrate in one heavy coat. The membrane must immediately be to the wet adhesive and rolled into place with a heavy roller.

Important: When applying to one surface (wet application), do not allow the adhesive to "skin over or dry" before mating the membrane and substrate. Adhesive on the substrate that has "skinned over", will not sufficiently transfer to the membrane even when using a heavy roller. Re-applying the adhesive will be required.

COVERAGE RATES

A coverage rate of 60-100 sq.ft. per gallon should be expected. Coverage rate will vary depending upon the substrate type, surface, and weather conditions. Some substrates are more porous and may require more adhesive. Other substrates with smooth, dense facers may result in a higher coverage rate. Coverage rates are based upon applications using a 3/8" nap, solvent based roller cover.



STORAGE

Store in original, unopened container indoors and away from flames and heat. Keep in a well ventilated area between 60°F and 80°F.

PRECAUTIONARY DATA

Use in a well ventilated area and avoid breathing concentrated vapors. DO NOT ALLOW PRODUCT TO FREEZE! Product cure time is approximately 48 hours. Do not use when frost or freezing conditions are expected before the product has properly cured. Do not use this product if it has been exposed to freezing temperatures.

POST APPLICATION CLEANUP

Use soap and water to clean, spills, tools, etc.

Typical Properties and Characteristics

Base	Modified Acrylic
Color	White
Solids	68-70%
Viscosity	4,800-5,100 cps Brookfield RVT
Net Wt.	8.4 lbs/gal
Shelf Life	1 year

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.