

RPI ROYAL EDGE BONDING ADHESIVE (Water Based) TECHNICAL DATA SHEET

DESCRIPTION:

RPI Royal Edge Water base Bonding Adhesive is a high performance Acrylic Water Based Adhesive designed for use as a bonding adhesive for single ply roofing membranes. It has excellent adhesion to most insulation/substrates and is a Low VOC alternative to Solvent Based Adhesives.

SUGGESTED USES:

Used to adhere RPI Royal Edge EPDM, Re-Flex EPDM, and Re-Flex TPO single ply roofing membranes to wood, concrete, brick, and approved roofing insulation substrates.

PHYSICAL CHARACTERISTICS:

1. Excellent resistance to aging.
2. Excellent resistance to heat.
3. 24 - 72 hour total cure time depending on conditions.
4. Becomes stronger with age.

TYPICAL PHYSICAL PROPERTIES:

Adhesives Type:	Modified Acrylic
Solvents:	Water
Color:	White
Net Weight:	8.4 lbs/gal
Solids Content:	68 - 70%
Viscosity:	4,800 - 5,100 cps Brookfield RVT
Coverage:	100 sq. ft./gal 6 - 8 mils thick

APPLICATION INSTRUCTIONS:

Water base bonding adhesive may be applied by sprayer, roller, or brush. Adhesive may be applied "wet", or "dry".

Dry Application (recommended):

Apply the adhesive 3-4 mils thick to both mating surfaces. Adhesive will be white when wet. Allow the adhesive to dry. Adhesive will dry clear. Applying heavy pressure, broom or roll in mated surfaces.

Wet Application:

If the substrate is porous, (wood fiberboard), the adhesive can be applied directly to the fiberboard in a heavy coat. The membrane must be immediately mated to the wet adhesive and rolled with a heavy lawn or floor roller.

CAUTION! WHEN APPLYING TO ONE SURFACE ONLY, DO NOT ALLOW THE MATERIAL TO DRY, OR "SKIN OVER" BEFORE MATING THE MEMBRANE AND SUBSTRATE SURFACES TOGETHER.



STORAGE:

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

PRECAUTIONARY DATA:

1. Use in well ventilated area, and avoid breathing of vapors. Familiarize yourself with the Material Safety Data Sheets for this product.

DO NO ALLOW PRODUCT TO FREEZE.

Do not use on vertical surfaces unless the flashing material is to be mechanically terminated immediately after it is laid up.

Do not use when frost or freezing conditions are expected before the adhesive has cured at least 48 hours. Do not attempt to use this product if it has been exposed to freezing temperatures.

POST APPLICATION CLEANUP:

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

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