

Get the Royal Edge Advantage with RPI



Royal Edge LVOC Primer/Activator

RPI LOW VOC PRODUCTS

DESCRIPTION

RPI Royal Edge Low VOC Seam Tape Primer is a solvent-based primer designed to prepare substrate surfaces and RPI Royal Edge EPDM membranes for bonding and seaming using RPI Royal Edge Tape Products. Royal Edge Primer is formulated to result in a watertight, high performance Seam or Flashing Detail. Apply using a RPI Scrub Pad or 4 inch roller with a 3/8" solvent resistant cover. Refer to the RPI Specification Manual for details.



THE RPI ROYAL EDGE ADVANTAGE

Environmentally friendly Low VOC formula is designed to comply with VOC regulations.

An easy to apply primer that is compatible with RPI Royal Edge and Re-Flex EPDM and Re-Flex TPO membranes and taped accessories.

Excellent long term peel and shear strength.

APPLICATION

1. **IMPORTANT:** Stir the primer before and during use. This product is **FLAMMABLE. DO NOT USE ELECTRIC MIXERS.**
2. Apply the Seam Tape Primer to the seam area in back and forth motions until the primer is a uniform color without heavy loaded (wet) areas. Both surfaces should be primed at the same time using the appropriate amount of primer (no puddles). Allow the primer to "flash-off".
3. Prior to applying the Seam Tape to the primed surfaces, check the primer using the finger push method. Proper flash-off time is affected by ambient air temperatures and air moisture content.
4. When both surfaces have flashed-off, apply the Seam Tape to the bottom surface and seat the tape permanently into position by applying pressure with the Scrub Pad, or a hand roller.
5. Remove the release paper from the tape by peeling the paper at a 45 degree angle, starting at the back of the seam, to the front of the seam edge. Lay the top membrane onto the tape and seat into position by applying pressure while drawing your hand from the back to the front of the seam.
6. Using a 2 inch steel, or hypalon hand roller, roll the seam area by first rolling across the seam, and then the length of the seam.

For applying primer and Tape product to substrates, refer to the RPI Specification Manual for further details.

COVERAGE

Estimated coverage is 200-250 square ft. per gallon.

Typical Properties and Characteristics

Base	Synthetic Rubber
Color	Yellow
Solids	10-15%
Flash Point	40° F (4.4° C)
VOC	<250 g/l max
Net Wt. per ctn.	7.4 lbs per gallon
Packaging	4-1 gallon pails per carton
Shelf Life	9 months

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.

COLD WEATHER CONSIDERATIONS

When the ambient temperature is near the dew point, condensation may form on freshly applied primer. If condensation develops, the application of primer must be discontinued, as proper adhesion will not be achieved. When weather conditions permit, allow the surface to dry and apply a thin fresh coat of primer to the previously coated surface before installing the tape.

COLD WEATHER APPLICATION

To ensure complete and proper adhesion in cold weather applications (temperatures of 50°F or lower), keep the flashings stored above 60°F until installation. The primed area and flashing membrane may be warmed with a hot-air gun while installing the flashings.

Cold weather installation requirements when temperatures fall below 40°F (5°C):

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COLD WEATHER APPLICATION

1. Using a hot air gun, warm the primed surface as the Royal Edge Seam is applied.
2. Prior to rolling the splice area with a 2" wide hand roller, warm the topside of the over lap membrane with a hot-air gun. The warmed membrane surface should not be hot to the touch.
3. To ensure complete and proper adhesion in cold weather applications the use of a hot air tool is recommended. Take care not to burn or overheat the membrane.

PACKAGING

Available in:

- | | |
|----------------|---------------------|
| 1-gallon pails | 4 pails per carton |
| 5-gallon pails | 45 pails per pallet |

DOT LABEL REQUIRED

Flammable Liquid

PRECAUTIONARY DATA

1. The solvents used in this product are extremely flammable. Do not smoke when using. Keep away from open flames, sparks, and other sources of ignition.
2. Avoid contact with skin and eyes. Protective eyewear along with OSHA approved gloves should be worn.
3. Do not thin.
4. When using in cold temperatures, keep product at room temperature when applying.
5. RPI Membrane Cleaner is recommended for clean-up.
6. Always cover Primer when not in use. Do not allow Primer to "skin over", or sit open for extended periods.

SHELF LIFE

1. When stored in original unopened containers at temperatures between 60° F (15.6° C) and 80° F (26° C), a shelf life of 9 months can be expected.
2. The life can be shortened if product is stored in temperatures exceeding recommended storage levels.

RECOMMENDED STORAGE

1. Store in original unopened containers at temperatures between 60° F and 80° F.
2. When stored in cooler temperatures, allow material to warm to room temperature before using.
3. Do not allow material to be stored in direct sunlight.
4. Rotate stock. Do not use product past 12 month shelf life.



See UL Roofing Materials and Systems Directory R10073