

Get the Royal Edge Advantage with RPI



Royal Edge Cured Cover Strip with Tape

ROYAL EDGE EPDM MEMBRANE

DESCRIPTION

RPI Royal Edge Cured Cover Strip with Tape is a black nominal 60 mil cured EPDM membrane laminated to a nominal 28 mil fully cured synthetic rubber adhesive tape.

Designed for stripping in metal flashings, covering existing seams, and repairing cuts in EPDM membranes. The clear poly film release membrane will not tear or wrinkle like other tapes with paper release membranes. Must be installed using RPI Seam Tape Primer.

Refer to the RPI Specification Manual and Application Handbook for more detailed applications.



THE RPI ROYAL EDGE ADVANTAGE

- ▶ Cured membrane provides immediate expansion and contraction properties without tearing or crazing.
- ▶ May be warmed for easier application during cold weather applications.
- ▶ Clear poly release liner won't tear or wrinkle like brown paper liner.
- ▶ Excellent long term performance.
- ▶ Available in 6" and 9" x 100' and 12" x 50' rolls.

INSTALLATION

1. All membranes and substrates must be clean, dry, and free of dirt, dust, and oils. Before applying Seam Tape Primer, clean all metal flashings with Membrane cleaner to remove any residual manufacturing oils or other contaminants.
2. Apply RPI Royal Edge Seam Tape Primer. On Royal Edge Clean Sheets, the Seam Tape Primer can be applied using a 3/8" nap roller. On any aged or talc sheet membranes, Seam Tape Primer must be applied using RPI Scrub Pads after the membrane has been thoroughly cleaned with Membrane Cleaner.
IMPORTANT: Do not over apply the Seam Tape Primer. The finished primed surface should have a smooth flat sheen. Excessive primer will not enhance the adhesion of the tape.
3. Allow the primed area to "flash-off". Check the primer using the finger-push method. Do not attempt to apply any Cover Strip to areas that have not been properly primed or primed areas that have not sufficiently flashed-off.
4. Unroll and align the Cover Strip over the primed area. Peel approximately 1 foot of release film from the end of the Cover Strip (while maintaining position) mate the tape surface to the primed area. Starting in the middle of the cover strip, mate the membrane to the primed area using an even, firm, hand pressure. Repeat this process until the entire flashing is in place.
5. Using a 2" steel or hypalon hand roller, roll the entire seam, first rolling across the seam and then the length of the seam. Roll any exposed tape edges.
6. Apply Uncured t-joint patches or Lap Sealant at required flashing edges and intersections.

7. 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.

Refer to the RPI Specification Manual or Application Handbook for the specific application detail.

Typical Properties and Characteristics

Color	Black
Base Membrane Adhesive	EPDM Synthetic Rubber
Nominal Thickness	88 mils (2.24 mm)
Solids	100%
Elongation Tear Resistance	1480% minimum 150 lbs/in (35kN/m)
Tensile Strength	1650 psi (11.3 Mpa)
Ozone Resistance Condition after exposure to 100 pphm Ozone in the air for 168 hrs. @ 104°F (40°C) Specimen under 50% strain	No cracks
Brittleness Temp	-67°F (-55°C)
Nominal Width Membrane Adhesive	6" (150 mm); 9" (225mm) 12" (300 mm) 6 3/16 (155 mm) 9 3/16" (230 mm); 12 3/16 (305 mm)
Net Weight Per Roll	6" = 30lbs (14kg) 9" = 45 lbs (21kg) 12" = 30lbs (30kg)
Packaging	6" x 2 rolls/ctn. (100 linear ft. each) 9" x 1 roll/ctn. (100 linear ft. each) 12" x 1 roll/ctn. (50 linear ft. each)
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.

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COLD WEATHER APPLICATIONS

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

1. Using a hot air gun, heat the primed surface as the Royal Edge Cover Strip with Tape is applied and pressed into place.
2. Prior to rolling the splice area with a 2" wide hand roller, apply heat to the topside of the membrane with a hot-air gun. The heated surface should be hot to the touch.

Due to solvent flash-off, condensation may form on freshly applied primer when the ambient temperature is near the dew point. If condensation develops, the application of primer and Royal Edge Cover Strip with Tape 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 and apply the Cover Strip.

PRECAUTIONS

Do not use Cured Cover Strip with Tape as a T-Joint flashing, Radical Bend Patch or around pipes and outside corners. As a cured membrane, it is not meant to be a stretched or molded flashing.

Avoid prolonged contact with skin. In case of contact with skin, thoroughly wash affected area with soap and water.

KEEP OUT OF REACH OF CHILDREN.

Prolonged job site storage temperatures in excess of 90°F (32°C) will diminish the product's shelf life.

In hot, sunny weather, store rolls on-site in original boxes, in a shaded area, until ready to use.

Storage and use of Royal Edge Cover Strip with Tape at temperatures below 40°F (4°C) will result in a loss of tape tack and, in extreme cases, will result in no bond to the substrate. Overnight storage must be available to keep the temperature of the Cover Strip at a minimum of 60°F (15°C). Hot boxes for job site storage must be provided to maintain a minimum tape temperature of 60°F (15°C).

STORAGE

Prolonged job site storage temperatures in excess of 90°F (32°C) will diminish the product's shelf life.

In hot, sunny weather, store rolls on-site in original boxes, in a shaded area, until ready to use.

Royal Edge Cured Cover Strip with Tape must be stored in a dry area. Keep away from open sources of flame or ignition.

Refer to the RPI Specification Manual or Application Handbook for the specific application detail.



See UL Roofing Materials and Systems Directory R10073

LEED® Information

Pre-consumer Recycled Content	4%
Post-consumer Recycled Content	0%
Manufacturing Location	Greenville, IL
Solar Reflectance Index	N/A