

CARLISLE'S EPDM CLASSIC PRESSURE-SENSITIVE RUSS



Overview

Let Carlisle simplify your next EPDM installation with their Pressure-Sensitive RUSS. PS RUSS is a nominal 45-mil (1.14 mm) thick reinforced EPDM membrane strip with a nominal 30-mil (.76 mm) thick cured EPDM splice tape adhesive laminated along one or both edges. The reinforced EPDM membrane is either 6" (152 mm) or 9" (228 mm) wide while the adhesive strips are 3" (76 mm) wide.

Six-inch Pressure-Sensitive RUSS has the splice tape pre-applied along one edge, and can be installed horizontally or vertically in conjunction with Seam Fastening Plates below the EPDM deck membrane for additional membrane securement.

Nine-inch Pressure-Sensitive RUSS has splice tape pre-applied to both edges and can only be installed horizontally for membrane securement.

Intended Uses

RUSS can be used on Ballasted, Fully Adhered or Mechanically Fastened EPDM Roofing Systems to provide additional membrane securement at walls, curbs and expansion joints.

6" PS RUSS cannot be used in the field of the roof on Mechanically Fastened Roofing Systems.

9" PS RUSS must be used in the field of the roof on Mechanically Fastened Roofing Systems.

Features and Benefits

- Ideal for additional membrane securement as needed
- Ideal for perimeter securement
- Ideal for securement around penetrations

Installation* (6" PS RUSS)

1. Unroll and position PS RUSS horizontally or vertically in the angle change with the pre-applied tape lying horizontally and facing up.
2. Position Seam Fastening Plates $\frac{1}{8}$ " to $\frac{3}{4}$ " (3 to 19 mm) from the angle change, 12" (305 mm) on center maximum and secure with a Carlisle fastener. Do not fasten plates over top of release liner, as this will cause liner to tear when removed.
3. The entire EPDM membrane surface where the RUSS will be applied must be cleaned and primed. The adhesive on the back of the PS RUSS will not adhere to dusted/dirty surfaces. Remove any dirt or dust resulting from plate installation by wiping with a clean rag. If there is a heavy layer of dirt present, clean the splice area thoroughly with Weathered Membrane Cleaner. Any residual dust/dirt will be detrimental to the bond strength of the tape adhesive.
4. Application of EPDM Primer:
 - a. Standard EPDM Membrane – Apply the primer using a clean HP Splice Wipe (or equivalent). SCRUB the area of the membrane where the RUSS Strip will be applied in a circular motion to achieve a thin, even coating on the membrane. The properly cleaned/primed area will be uniform in color without streaks and free of globs or puddles.
 - b. PRE-KLEENED™ Membrane – Roller-apply the primer to the area of the membrane where the RUSS Strip will be applied with a short nap-length paint roller. The coated area will be free of globs or puddles.
5. Allow the Primer to dry until it does not transfer to a dry finger touch.
6. Remove the release liner from the adhesive on the PS RUSS, pulling it parallel to the roof deck.
7. Install RUSS Strip immediately after primer flashes off to minimize potential dust contamination and promote adhesion in colder weather.
8. Roll the deck membrane onto the exposed adhesive and apply hand pressure to the splice area.
9. Pull the membrane back to expose the unadhered portion of the PS RUSS. Apply Carlisle Bonding Adhesive to the deck membrane, exposed PS RUSS and parapet wall.
10. Once the adhesive has dried, roll membrane to the angle change and crease. Roll the membrane up the wall and broom for 100% adhesion.
11. Roll the entire 6" (152 mm) width of the PS RUSS splice area with a 2" (51 mm) wide roller using positive pressure.

* REVIEW CURRENT CARLISLE SPECIFICATIONS AND DETAILS FOR SPECIFIC APPLICATION REQUIREMENTS

CARLISLE'S

**PRESSURE-SENSITIVE
 RUSS**

Installation: Field of Roof (9" PS RUSS)*

- Unroll and position PS RUSS in the field of the roof with pre-applied tape facing up.
 - Position seam fastening plates, 6" (152 mm) or 12" (302 mm) on center maximum, along the center line portion of the RUSS and secure with a Carlisle fastener. Do not fasten plates over the top of the release liner, as this will cause liner to tear when removed.
 - The entire surface where the RUSS will be applied must be cleaned and primed. The adhesive on the back of the PS RUSS will not adhere to dusted/dirty surfaces. Remove any dirt or dust resulting from plate installation by wiping with a clean rag. If there is a heavy layer of dirt present, clean the splice area thoroughly with Weathered Membrane Cleaner. Any residual dust/dirt will be detrimental to the bond strength of the tape adhesive.
 - Application of EPDM Primer:
 - Standard EPDM Membrane – Apply the primer using a clean HP Splice Wipe (or equivalent). SCRUB the area of the membrane where the RUSS Strip will be applied in a circular motion to achieve a thin, even coating on the membrane. The properly cleaned/primed area will be uniform in color without streaks and free of globs or puddles.
 - PRE-KLEENED Membrane – Roller-apply the primer to the area of the membrane where the RUSS Strip will be applied with a short nap-length paint roller. The coated area will be free of globs or puddles.
 - Allow the Primer to dry until it does not transfer to a dry finger touch.
 - Remove the release liner from the tape adhesive on the PS RUSS, pulling it parallel to the roof deck.
 - Install RUSS Strip immediately after the primer flashes off to minimize potential dust contamination and promote adhesion in colder weather.
 - Roll the deck membrane onto the exposed tape adhesive and apply hand pressure to the splice area.
 - Roll the entire 9" (228 mm) width of the PS RUSS splice area with a 2" (51 mm) wide roller or Carlisle's Stand-up SeamRoller using positive pressure.
- * REVIEW CURRENT CARLISLE SPECIFICATIONS AND DETAILS FOR SPECIFIC APPLICATION REQUIREMENTS.
- Prolonged jobsite storage temperatures in excess of 90°F (32° C) may affect product shelf life.
 - In warm, sunny weather, keep PS RUSS in the box or in a shaded area until ready to use.
 - Storage and use of PS RUSS at temperatures below 40°F (4°C) will result in a loss of adhesive tack, and in extreme cases, will result in no bond to the substrate. Overnight storage must be available to keep the temperature of the PS RUSS at a minimum of 60°F (15°C). Hot boxes for jobsite storage must be provided to maintain a minimum product temperature of 40°F (4°C).
 - Pressure-Sensitive RUSS must be stored in a dry area.
 - 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 installation of RUSS must be discontinued, as proper adhesion will not be achieved. Allow the primer surface to dry and apply a thin freshener coat of primer to the previously coated surface when conditions allow.
 - Carlisle Seam Fastening Plates and Fasteners must be used when installing PS RUSS.
 - PS RUSS is intended for use with Sure-Seal and Sure-Tough™ (black) membranes. (Use with Sure-White® membrane will result in discoloration of the white membrane surface over time.)
 - In order to achieve proper adhesion, the following steps must be followed when installing PS RUSS at temperatures below 40°F (5°C).
 - After the primer has been applied and allowed to dry properly, install the membrane over the RUSS. Heat the top of the membrane directly over the tape with a hot-air gun and immediately roll with a hand roller. The heated surface should be very hot to the touch of bare skin. Take care not to burn or blister the membrane.
 - KEEP OUT OF THE REACH OF CHILDREN.

Typical Properties and Characteristics

	6" RUSS	9" RUSS
Base	Membrane-EPDM (Polyester Reinforced) Adhesive-EPDM	Membrane-EPDM (Polyester Reinforced) Adhesive-EPDM
Roll Size	6" x 100' (152 mm x 30.5 m)	9" x 100' (228 mm x 30.5 m)
Thickness	EPDM 45-mil (1.14 mm) Tape 30-mil (.76 mm)	45-mil (1.14 mm) 30-mil (.76 mm)
Packaging	200 lf./ctn. (61 m) 2 rolls	100 lf./ctn. (30 m) 1 roll
Net Wt. per carton	38 lbs (17.2 kg)	33 lbs (15 kg)
Shelf Life	1 year	1 year

Precautions

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

Investing in Roofing Solutions for Over 45 Years

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