PRODUCT DATA SHEET

PS RUSS Strip

Features & Benefits

▌ **Available in 152mm (6") by 30.5m (100') long**

▌ **Ideal for additional membrane securement as needed**

▌ **Ideal for perimeter securement**

▌ **Ideal for securement around penetrations**

Description

Pressure-Sensitive Reinforced Universal Securement (RUSS) is a nominal 1.2mm thick reinforced EPDM membrane strip with a nominal 0.76mm thick cured EPDM splice tape adhesive laminated along one or both edges.

The reinforced EPDM membrane is 152mm (6") wide while the adhesive strips are 76mm (3") wide. 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.

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. 152mm PS RUSS Strip cannot be used in the field of the roof on Mechanically Fastened Roofing Systems. PS RUSS Strip must be used in conjunction with FIX-R EPDM Primer.

FIX-R should be mechanically secured wherever an inside angle of greater than 15° occurs. RUSS can be used to achieve this.

Application

1. Unroll and position PS RUSS Strip horizontally or vertically in the angle change with the pre-applied tape lying horizontally and facing up.

2. Position Seam Fastening Plates 3 to 19mm from the angle change, 305mm on centre maximum and secure with a FIX-R 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 Strip 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 Splice Wipe (or equivalent). SCRUB the area of the membrane where the RUSS 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 colour 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 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 Strip, pulling it parallel to the roof deck.

7. Install RUSS 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 Strip. Apply FIX-R Bonding Adhesive to the deck membrane, exposed PS RUSS Strip 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 width of the PS RUSS Strip splice area with a 50mm wide roller using positive pressure.

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

2. Prolonged jobsite storage temperatures in excess of 32° C may affect product shelf life.

3. In warm, sunny weather, keep PS RUSS Strip in the box or in a shaded area until ready to use.

4. Storage and use of PS RUSS Strip at temperatures below 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 Strip at a minimum of 15°C.

5. Pressure-Sensitive RUSS must be stored in a dry area.

6. 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.

7. FIX-R Seam Fastening Plates and Fasteners must be used when installing PS RUSS Strip.

8. In order to achieve proper adhesion, the following steps must be followed when installing PS RUSS Strip at temperatures below 40°F (5°C).

   a. 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.

9) **KEEP OUT OF THE REACH OF CHILDREN.**

Typical Properties & Characteristics*

Base Membrane Adhesive	EPDM Synthetic Rubber
Roll Size	152mm 30.5m
Thickness	EPDM 1.14mm Tape .76mm
Brittleness Temp	-55°C
Nominal Thickness	1 roll per box
Nominal Width Membrane Adhesive	150mm 155mm
Roll Size	150mm x 30.5m long
Shelf Life	1 year
Weight	9 Kg
Packaging	Per roll

*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 or specification range for any particular property of this product.

Before using this product please ensure that you have been supplied with and have read carefully the following information:

1) The product labels
2) FIX-R RUSS Material Safety Data Sheet