

WeatherBond **EPDM**

White Peel & Stick Seam Tape



Overview

WeatherBond White EPDM 3"-wide Peel & Stick (P&S) Seam Tape offers uniform width and adhesive thickness and features a clear poly film for application ease. P&S Seam Tape delivers 30% greater peel strength and 32% greater shear strength than other tapes on the market.

Designed for use with WeatherBond's fully adhered and mechanically attached roofing systems, P&S Seam Tape is used in conjunction with WeatherBond's Multi-Purpose or Low-VOC Primers to bond EPDM membranes together in the field, providing long-term seam strength.

Features and Benefits

- Available in 3" wide by 100' long rolls
- Manufactured using a clear poly film
- Offers greater peel and shear strength than other tapes available in today's marketplace.
- Provides excellent long-term seam strength



Installation

1. Overlap the EPDM membranes a minimum 3" (75 mm) to coincide with the seam tape width. Stagger factory seams on dusted EPDM to avoid a double thickness of membrane.
2. The entire membrane surface where seam tape will be applied must be clean and free of any residual mica dust or dirt. The seam tape will not adhere to dusted or dirty surfaces.
 - a. Remove loose mica dust by brooming or wiping with a clean, dry rag or splice wipe.
 - b. **The use of Weathered Membrane Cleaner is recommended** to allow for roller application of the primer and to enhance adhesion. This process is required on membrane that has been exposed for a number of weeks. Permeation-resistant gloves meeting ANSI/ISEA 105-2005 are required for hand protection when cleaners or primers are being used.
 - c. Allow the Weathered Membrane Cleaner to flash-off before applying primer.
3. Mark the bottom sheet with a crayon approximately ¼" (6 mm) beyond the edge of the top sheet as a guide to install the seam tape.
4. Application of Multi-purpose or Low-VOC Primer
 - a. Dusted Membrane – After removing the loose mica as noted above, scrub the primer onto the membrane with a clean splice wipe in a circular motion achieving a thin and even coat that is uniform in color and free of streaks or heavy spots. **Change splice wipes often.**
 - b. No Dust Membrane or membrane cleaned with Weathered Membrane Cleaner – Roller-apply the primer to the membrane with a ¾" (9 mm) medium nap paint roller achieving a thin and even coat that is uniform in color and free of streaks or heavy spots.
 - c. Allow the primer to flash-off until it does not transfer to a dry finger touch. Do not allow the primer to over dry.
 - d. **Install seam tape shortly after the primer flashes off** to maximize bond strength and minimize potential dust contamination.
5. Unroll 3' (1 m) of the seam tape aligning the tape with the set marks. Use firm and even hand pressure to press the tape down to bottom sheet along the length of the splice. Overlap tape roll ends 1" (25 mm). A continuous piece of seam tape must be used at all factory seams and field splice intersections.
6. Rolling the seam tape with a 2"-wide hand roller after application to the primed substrate will reduce the frequency of air blisters in the completed field seam.
7. Allow the top sheet to fall freely onto the poly backing. Ensure that a minimum of ⅛" (3 mm) to a maximum of ½" (12 mm) of tape extends beyond the top membrane edge. Trim membrane if necessary.

8. Pull the poly backing off at a 45-degree angle and use firm hand pressure across the splice towards the outside splice edge mating the top sheet onto the seam tape.
9. Immediately roll across the splice with a 2"-wide roller applying positive pressure.
10. Lap Seal at cut edges of reinforced membrane and splice tape overlaps. Lap Sealant may be applied immediately following the completion of a seam tape splice.
11. Cold weather installation requirements when temperatures fall below 40°F (4°C):
 - a. Heat the primed area of the bottom membrane as the seam tape is applied and pressed into place.
 - b. The tape must be rolled with a 2"-wide hand roller prior to removal of the release liner when temperatures fall below 40°F (4°C).
 - c. 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 warm to the touch.
12. Techniques when using large sheets with factory seam step-offs.
 - a. Remove excess mica dust from the factory seam step-off using extra care and utilize extra scrubbing of the primer into the step-off.
 - b. Crease the seam tape into the factory seam step-off with the edge of the hand roller and then crease the top membrane into the step-off after setting the top membrane.

REVIEW CURRENT WEATHERBOND INSTALLATION INSTRUCTIONS FOR SPECIFIC INSTALLATION REQUIREMENTS.

Precautions

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 90°F (32°C) may affect product shelf life.
3. In warm, sunny weather, keep P&S Seam Tape rolls in their box, in a shaded area, until ready to use.
4. Storage and use of P&S Seam 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 P&S Seam Tape at a minimum of 60°F (15°C). Hot boxes for jobsite storage must be provided to maintain a minimum tape temperature of 40°F (4°C).
5. P&S Seam Tape 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 P&S Seam Tape 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 and apply P&S Seam Tape when conditions allow.
7. KEEP OUT OF THE REACH OF CHILDREN.

LEED® Information

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

Typical Properties and Characteristics

	3" (76 mm)
Color	Cream
Base	Synthetic Rubber
Roll Size	100' (30.5 m) long
Thickness	.030" (0.76 mm)
Packaging	4 Rolls per carton
Net Wt. Per Carton	26 lbs (12 kg)
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.



Single-Ply Simplified

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