

DURO-TECH TPO RPF STRIP

DESCRIPTION:

Duro-TECH TPO Reinforced Perimeter Fastening Strip (“RPF Strip”) is designed to secure Duro-TECH™ TPO Non-Fleece Membrane (“TPO”) around transitions, such as parapets and curbs, without penetrating the TPO. Also, it helps with tie-ins to an existing roofing system.

The RPF Strip utilizes a peel-away paper that reveals an adhesive on one half of the stripping surface, allowing for the fastening to the non-adhesive side, when treated with an approved primer.

ORDERING:

RPF Strips can be ordered in 2 rolls per container of 6 in. x 100 ft. (152 mm x 30.5 m) with a pad.

- White (Item #45102TW)

STORAGE AND HANDLING:

- Keep away from ignition sources.
- Store indoors at temperatures between 60° – 80° F (16° – 27° C) for a 24-month shelf life.
- Do **not** store on the roof, in direct sunlight, or at temperatures exceeding 100° F (38° C).
- Always store in a dry location protected from the elements.
- Store material in its original, unopened packaging away from sources of physical damage or chemical contamination.

PRECAUTIONS:

- **WARNING: EXTREMELY FLAMMABLE**
Keep away from heat / sparks / open flames / hot surfaces. **Do not smoke while installing.**
- Keep away from ignition sources.
- Wear proper personal protective equipment, such as gloves and eye protection, per the SDS.
- Do **not** use metal or polymer batten bars with the RPF strip.



INSTALLATION:

- When applying the RPF Strip, the application surface temperature should be above 40° F (4° C) to ensure proper adhesion, and the product should be warmed to room temperature before use if it has been exposed to lower temperatures.
1. Trim to desired length.
 2. Unroll the strip with the release paper facing up.
 3. Do **not** overlap RPF Strip.
 - 4 in. (102 mm) from **Outside Corner**
 - 6 in. (152 mm) from **Inside Corner**
 4. Crease the RPF Strip into the corner of the transition and secure for fastening.
 5. Fasten RPF Strip 6 in. (152 mm) on center with approved screws and plates.
 - RPF Strip can be fastened to the parapet or the roof deck. Align the RPF Strip for desired installation.

KEEPING THE RPF STRIP RELEASE PAPER IN PLACE:

6. Position the TPO membrane over the RPF Strip.
7. Allow the membrane to relax for at least 30 minutes.
8. Fold back the TPO membrane to expose the RPF Strip.
9. Prime the exposed underside of the TPO membrane in the area that will be bonded with the RPF Strip, with an approved primer.
 - NOTE: Prime an area wider than the RPF Strip to ensure full adhesive coverage.
10. Allow the primer to cure in accordance with the manufacturer’s recommendations outlined in the product data sheet.

WHEN THE PRIMER IS FLASHED OFF AND READY TO BE BONDED TO THE TAPE:

11. Peel off the paper to expose the adhesive of the RPF Strip.
12. Slowly roll the primed TPO membrane over the adhesive of the RPF Strip.
13. Press the TPO membrane over the RPF Strip with a 1-1/2-inch (40-mm) wide silicone hand roller.

DURO-TECH TPO RPF STRIP PROPERTIES	
Adhesive Tape	
Properties	Typical Value
Base	Rubber Polymers
Color	White
Solvents	None
Solids	100%
Specific Gravity	0.98
Thickness	30 mils (0.76 mm)
Adhesive Width	3 in. (76 mm)
TPO Membrane	
Properties	Typical Value
Base	TPO
Color	White
Thickness	50 mils (1.27 mm)
Membrane Width	6 in. (152 mm)