

PVC/TPO TIE-IN STRIP

DESCRIPTION:

PVC/TPO Tie-In Strip ("Tie-In Strip") is a transition material used to create a watertight connection between PVC and TPO single-ply roofing membranes.

Tie-in strips are 10 feet (3 m) long and composed of 8-inch (203-mm) PVC and 6-inch (152-mm) TPO skirts are factory-welded on either side of a PVC/TPO-coated metal. The PVC/TPO-coated metal lies beneath the PVC skirt and is pre-punched every 6 inches (152 mm) on center. Each skirt extends past the end of the 8-inch (203-mm) PVC-coated metal and 6-inch (152-mm) TPO-coated metal in both directions.

ORDERING:

For additional skirt color options, contact the Duro-Last Sales Department.

- White PVC/White TPO (Item #7490806670110)

STORAGE AND HANDLING:

- Keep away from ignition sources.
- 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 applying.**
- Keep away from ignition sources.
- Wear proper personal protective equipment, such as gloves and eye protection, per the Safety Data Sheet.



INSTALLATION:

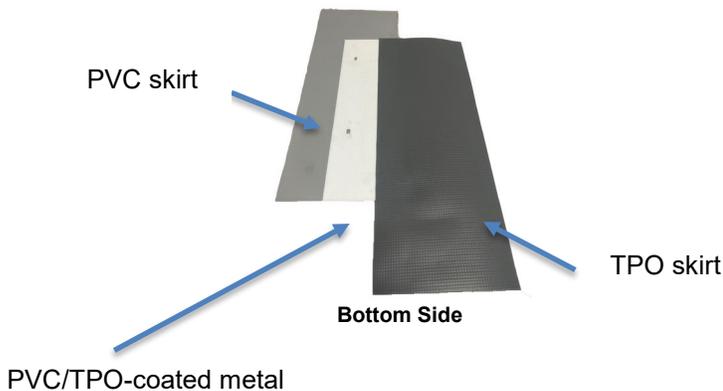
Refer to the manufacturer's specification and Detail 1085 for complete installation instructions.

Prior to installing PVC/TPO Tie-In Strip:

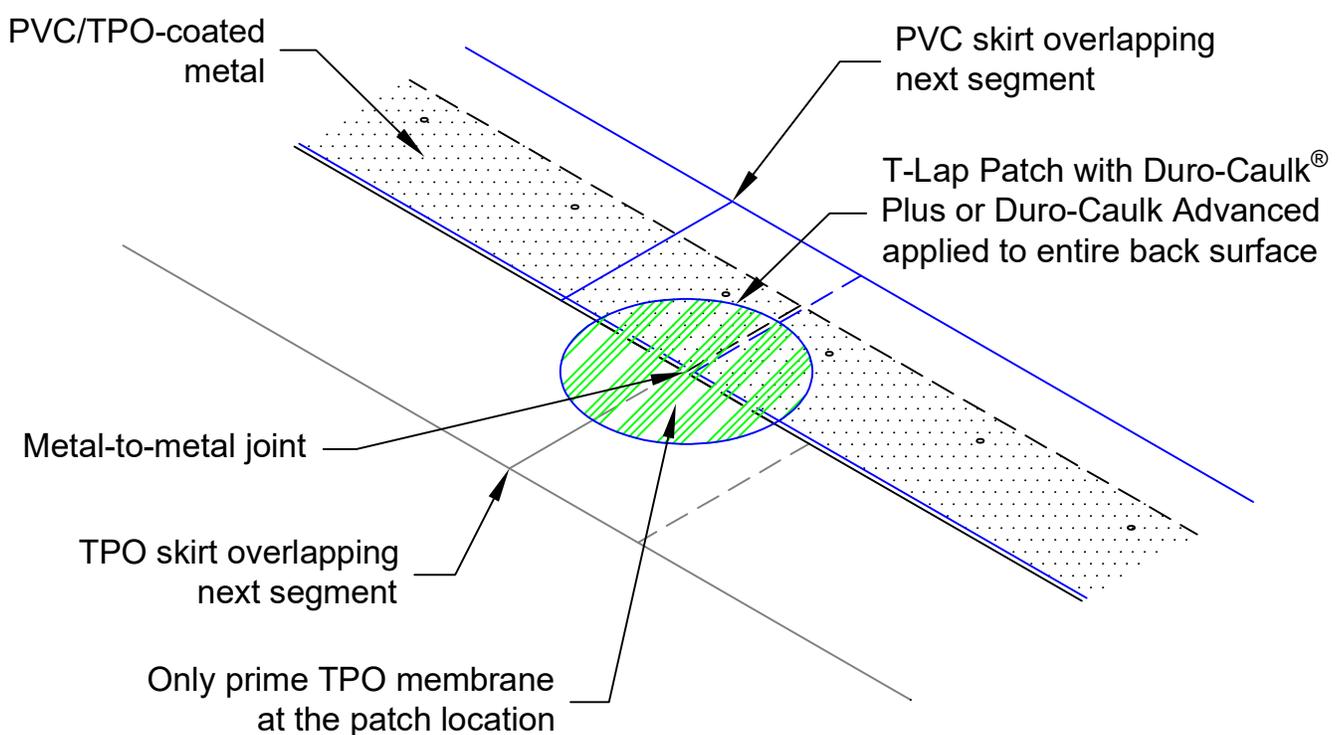
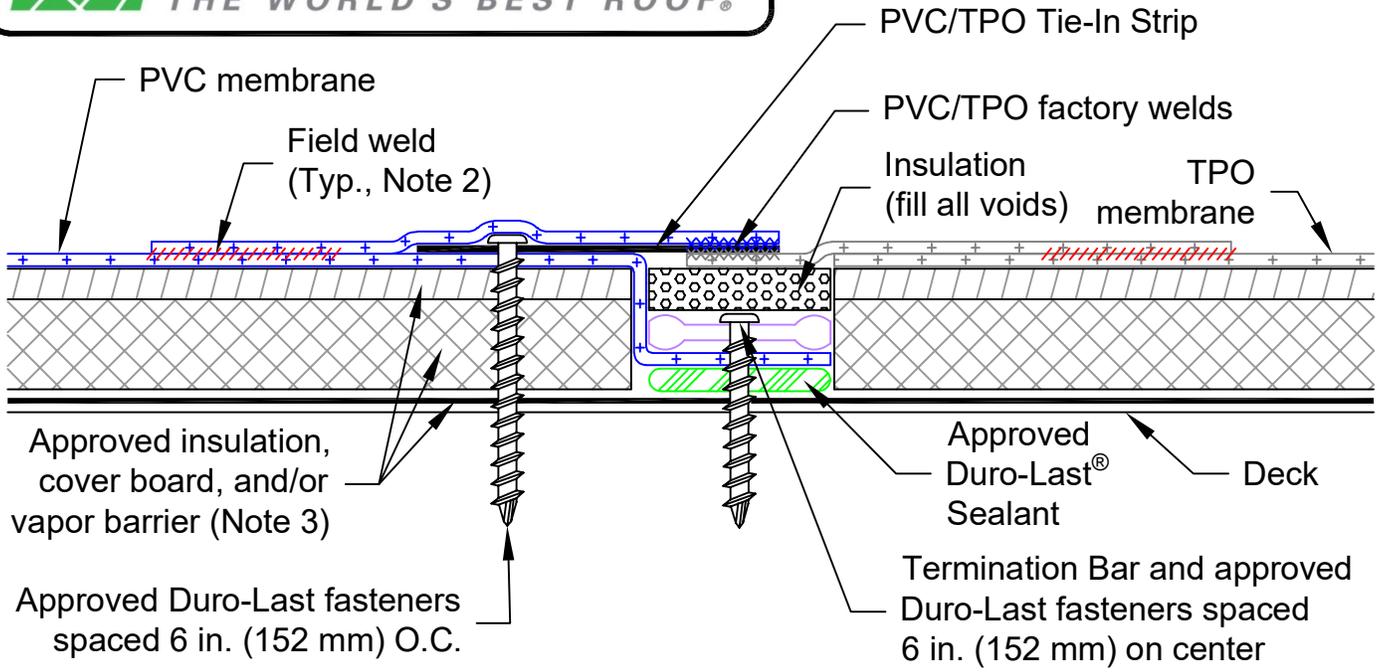
1. Cut the existing roofing down to the deck approximately 3 inches (76 mm) wide.
2. Backseal with approved sealant and terminate membrane to the deck with Termination Bar at 6 inches (152 mm) on center with approved fasteners.
3. When necessary, fill above the termination with insulation or spray foam to level both roofing systems.

PVC/TPO Tie-In Strip Installation:

1. Clean all membrane surfaces where the Tie-In Strip will be applied (both PVC and TPO membranes).
2. Position directly over the tie-in area with PVC and TPO skirts located above the appropriate membrane type.
3. Fasten the PVC/TPO-coated metal at 12 inches (305 mm) on center using alternating pre-punched holes and approved fasteners.
4. Weld the PVC skirt to the PVC deck membrane with a minimum 1-1/2-inch (40-mm) weld.
5. Weld the TPO skirt to the TPO deck membrane with a minimum 1-1/2-inch (40-mm) weld.
6. Install each section with the metal strip abutting the next section.
 - **Note: Do not overlap metal sections.**
 - **Note: Do not leave gaps in metal sections.**
7. Prime TPO at the patch location.
8. Apply Duro-Caulk® Plus or Duro-Caulk Advanced too the entire back surface of a PVC 6-inch (152-mm) wide T-Lap Patch.
9. Install T-lap patch centered at the metal-to-metal joint.
 - Caulk should bleed out and be tooled smooth.
10. Smooth the T-lap patch by hand.



Contrasting caulk color for clarity



Note 1: Tie-in detail for all flat surfaces. The use of Detail 1070/T1070 will be required in conjunction with this detail when tie-in is across metal flutes.

Note 2: All field welds shall be a minimum of 1-1/2 inches (40 mm) wide.

Note 3: Refer to specifications for vapor barrier, insulation and cover board requirements.

REVISED:	N/A	GENERAL DETAIL FOR MECHANICALLY FASTENED SYSTEMS
PREVIOUS:	01/19/2026	PVC/TPO TIE-IN STRIP
SCALE:	NONE	RE-ROOF