



INSTRUCTIONS

1. Install Two-Way Air Vents (vents) between fastener rows and at high points of roof area. Vents must not be installed within 7 ft (2.1 m) of the building edge. Never install vents in low, or drainage areas.
 - a. A minimum of one vent must be installed for every 1,000 ft² (92.9 m²) of roof area, or portion thereof, but with a minimum of 2 vents per roof area.
 - b. Vent Placement
 - i. Corners – Vents must first be installed within 8 – 10 ft (2.4 – 3 m) of the outer corners. Install vents at opposite corners whenever possible.
 - ii. Remaining Roof Area – Starting at 8 – 10 ft (2.4 – 3 m) from the building edge, evenly distribute the remaining vents throughout the remaining roof area. (Smaller roof areas may not have additional vents.)
2. Cut a 4-1/2 in. (114 mm) hole in membrane.
3. Prepare all welding surfaces by cleaning with approved TPO membrane cleaner.

Note 1: Vents must NOT be used on refrigerated buildings, freezer buildings, or adhered roofing systems.

Note 2: Vents are not required on open-air structures (e.g. carports), or on roofing systems with overburden (e.g. ballast, paver, vegetation, etc.).

Note 3: All field welds must be a minimum of 1-1/2 in. (40 mm) wide.

Note 4: Refer to specifications for vapor barrier, insulation, and cover board requirements.

REVISED:	N/A	TPO VENT DETAIL FOR MECHANICALLY FASTENED SYSTEMS
PREVIOUS:	05/22/2025	TWO-WAY AIR VENT
SCALE:	NONE	NEW CONSTRUCTION OR RE-ROOF