

# DURO-LAST® TWO-WAY AIR VENT

## DESCRIPTION:

Duro-Last® Two-Way Air Vents are made to help alleviate air pressure and relieve condensation that is directly underneath a Duro-Last mechanically fastened roofing system.

Two-Way Air Vents are fabricated from a rigid exterior vinyl and have an 18 x 18-inch skirt made from Duro-Last's proprietary thermoplastic roofing membrane. A reticulated foam screen is located underneath the vent cap to inhibit insect entry.

## ORDERING:

Two-Way Air Vents can be ordered individually.

- White body with white skirt (Item #1231)
- Tan body with tan skirt (Item #1231B)
- Gray body with gray skirt (Item #1231G)
- Other color combinations are available upon request. Lead times may vary.

## STORAGE AND HANDLING:

Always store in a dry location protected from the elements.

## PRECAUTIONS:

- Wear proper personal protective equipment, such as gloves and eye protection.

## INSTALLATION:

### 1. Requirements

- a. **Two-Way Air Vents must NOT be used on refrigerated buildings, freezer buildings or adhered roofing systems.**
- b. Two-Way Air Vents are not required on open-air structures (e.g. carports) or roofing systems with overburden (e.g. ballast, paver, vegetation, etc.).



2. Install Two-Way Air Vents between fastener rows and at high points of roof area. Two-Way Air Vents must not be installed within 7 feet of the building edge. Never install Two-Way Air Vents in low, or drainage areas.

- a. A minimum of one Two-Way Air Vent must be installed for every 1,000 square feet of roof area, or portion thereof, but with a minimum of two Two-Way Air Vents per roof area.

### b. Two-Way Air Vent Placement

- i. Corners – Two-Way Air Vents must first be installed within 8 to 10 feet of the outer corners. Install Two-Way Air Vents at opposite corners whenever possible.
- ii. Remaining Roof Area – Starting at 8 to 10 feet from the building edge, evenly distribute the remaining Two-Way Air Vents throughout the remaining roof area. (Smaller roof areas may not have additional Two-Way Air Vents.)

3. Cut a 7-inch diameter hole and a 2-inch slit in the deck membrane. Rotate the Two-Way Air Vent to allow the feet to slide underneath the deck membrane at the slit (see drawing at left). **Do not fasten the Two-Way Air Vent to the roof deck.**
4. Using a hot-air gun, heat weld the Two-Way Air Vent's skirt to the deck membrane with a minimum of a 1-1/2-inch weld.
5. Refer to Detail Drawing 5020 for more installation information.

