

VADA[®] VENT by DURO-LAST[®]

DESCRIPTION:

VADA[®] Vents provide enhanced wind resistance and membrane security without the need for a full tear-off.

VADA Vents are designed to combine seamlessly with existing, in-tact single-ply roofing systems. VADA Vents utilize negative pressure and tested air-flow principles to seal roofing membranes firmly in place.

VADA Vents can be used with all Duro-Last[®] PVC and Duro-TECH[™] TPO membranes.

ORDERING:

- VADA Vent (refer to price list for options)
 - Base
 - Tapered Stack Flashing
 - Turbine

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:

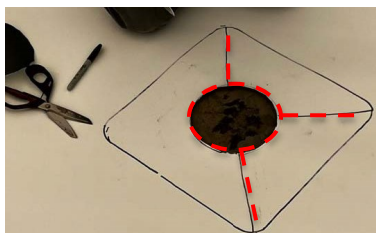
- **WARNING: EXTREMELY FLAMMABLE**
Keep away from heat / sparks / open flames / hot surfaces. **Do not smoke while installing.**
- Keep away from ignition sources.
- Wear proper personal protective equipment, such as gloves and eye protection, per the Safety Data Sheet.

INSTALLATION:

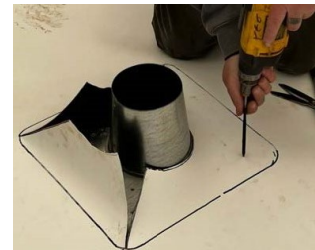
Refer to the VADA Vented Roof System[™] specification and detail VS5010 for complete installation instructions.

The installation pattern for VADA Vents is provided directly by Engineering Services.

1. **Position Vent Base:** Place the VADA vent base in its intended location on the roof surface.
2. **Mark Vent Base:** Outline the VADA vent base on the membrane for reference. Include slit locations from the center hole to the three outer edges.
3. **Prepare Membrane Opening:** Using scissors or an appropriate cutting tool, remove the center portion of the membrane as indicated by the outline, and cut along the slits.



4. **Position and Fasten Vent Base:** Place the vent into the membrane opening and position the flaps over the vent base, secure it using four approved fasteners located 2 inches (51 mm) from each corner and at least 1 inch (25 mm) into the deck.



5. **Install Stack Flashing:** Position a Stack Flashing over the vent base.
6. **Heat-Weld Stack Flashing:** Heat weld the Stack Flashing to the deck membrane to ensure a watertight seal. Ensure a minimum 1-1/2-inch (40-mm) weld.
7. At the top of the Stack Flashing opening, typically within 1 inch (25 mm), caulk the inside of the Stack Flashing where the external turbine fasteners will be installed.
8. **Install Turbine:** Position and press the turbine firmly and fully over the Stack Flashing and vent base.
9. **Attach Turbine:** Attach the turbine component to the vent assembly with three equally-spaced Duro-Last-approved fasteners along the bottom collar.

