

## **Smoke Vent Installation**

**CAUTION:** Smoke Vents are spring loaded and are designed to open with sufficient force to withstand strong wind and other environmental forces. Being struck by a smoke vent lid opening unexpectedly will hurt and may cause serious injury. **Do NOT remove shipping screws until instructed to do so.** 

- 1. If a security grid is to be used, install the security grid on top of the wood or self-flashing curb before proceeding.
  - a. Security grid fasteners shall be installed on top face of the perimeter with recommended spacing of 6" on center.
- 2. Install a non-adhesive airtight seal on to top of the curb or security grid. Curb tape is available upon request.
- 3. Inspect the interior hardware and ensure that the latches are fully engaged.
- 4. Place the Smoke Vent on to the curb. Take note to ensure that release handle(s) are not caught between the smoke vent and curb.
- 5. Pressing down firmly, fasten smoke vent to curb through pre-drilled installation holes.
  - a. Fasteners provided for wood curbs only.

**CAUTION:** Proceed ONLY if smoke vent is securely fastened to the curb. Error in doing so may result in the lid unexpectedly opening, which may cause serious injury. **Do NOT remove shipping screws until instructed to do so.** 

- 6. Un-tape the manual release handle(s) be careful not to pull on the handles which will release the smoke vent latches.
- 7. While pressing down on the vent to relieve pressure, remove the (2) exterior shipping screws.
- 8. Slowly let up on the pressure on the smoke vent lid. It should remain engaged to the hardware.
  - a. If lid starts to open, close the smoke vent lid by firmly pressing down above each of the latches.
- 9. In order to check for external operation:
  - a. Make sure that all personnel are clear of the vent, don't lean over the lid.
  - b. Pull the exterior handle to operate the opening mechanism.
  - c. The vent should operate smoothly. If vent fails to open smoothly, ensure that the curb is square and/or that the frame is not bound by over tightening installation screws.
- 10. To close the lid, pull down the lid and then press down firmly above each of the latches.