

THE CHEMCURB/E-CURB SYSTEM™ Instructions

The **CHEMCURB/E-Curb Penetration Seal System** consists of three essential components: pre-cast polyester or nylon shell, **M-1® Structural Adhesive/Sealant** and a self-leveling pourable sealant.

CHEMCURB/E-Curb System is impervious to ice, corrosion, UV and ponding water and are available in round, straight and corner shapes. These modular components can be arranged to fit any size and shape of the penetration. **CHEMCURB/E-Curb System** bond to the roof's surface using **M-1 Structural Adhesive/Sealant**, which delivers a permanent, non shrinking waterproof bond. Liquid sealant is then poured to fill the cavity formed by the curbs. Installation takes eight to ten minutes under normal conditions.

Special Characteristics

- Rapid installation - reduces labor significantly.
- Excellent adhesion to most roofing materials.
- No flashing or mechanical attachment required.
- Sealant is flexible down to -40°F (-40°C).
- Service Temperature -40°F to 200°F (-40°C to 93°C)
- **1-Part® Pourable Sealer** accommodates movement and is suggested for use on all granulated membranes and details with excessive movement.
- For sloped roof applications, substitute **DuraLink™ Super Adhesion Sealant** for the **M-1** and **1-Part Pourable Sealer**.

Installation Instructions

Step 1

Remove all previously applied caulk, mastic, cement, asphalt, and other contaminants from penetrations with a wire brush. Clean all smooth substrates with isopropyl or denatured alcohol. Brush away all gravel or loose granules. Seal the base of each penetration with **M-1**. Coat penetrations with **M-1** to 3" above the roof line.

Step 2

Hold a section of **CHEMCURB/E-Curb**, flat side up, and apply a 1/4" bead of **M-1** to the entire bottom perimeter. Apply one additional 1/4" bead of **M-1** down the center of the section. Do not tool the beads flat. Place the **CHEMCURB/E-Curb** section on the roof surface to form a half circle around the penetration(s). Press down firmly until **M-1** extrudes from the outside edges.

Step 3

Apply **M-1** to the second section of **CHEMCURB/E-Curb** as described above. Place the second section of curb on the roof surface to form a circle with the first section. Press firmly in place until excess adhesive extrudes from the outside edges. Apply a bead of **M-1** around the outside base of the installed **CHEMCURB/E-Curb**, and tool to form a smooth fillet. For non **E-Curb** penetrations seals, add **M-1** to scarf joint surfaces and tool smooth.

Step 4

Cut tip off **1-Part** cartridge at widest point on plastic nozzle and pierce the foil seal. Insert into caulking gun and pump **CHEMCURB/E-Curb** full. When using a **1-Part** pouch, remove cap, pour, squeeze out excess air, and reseal.

Note: To provide an adequate rubber seal, maintain a 1" distance between penetrations and inside of the curb.

The **CHEMCURB/E-Curb System** is based on polyether technology: All components are completely safe for use on occupied buildings. **CHEMCURB/E-Curb** sealants and adhesives contain no solvents, no toxic materials and no carcinogens. They pose no risk of fire or explosion, or harm to the atmosphere.

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