

**CHEM LINK Products, LLC**

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**Product Description**

The **ChemCurb System** replaces the old style metal pitch pans with versatile precast curb components, pourable sealant, and structural adhesive/sealant. The system can usually be installed in under 15 minutes and eliminates the need for flashing or mechanical attachment.

The **ChemCurb System** is designed for use on granulated modified bitumen, PVC, EPDM, PIB, TPO single ply, asphalt, and coal tar B.U.R. Please note TPO Primer must be used on TPO substrates.

When installed properly, the **ChemCurb system** forms a durable waterproof rubber seal around penetrations of any size. An extended warranty against leaks is activated when **CHEM LINK Products, LLC** receives a completed warranty card and proof of purchase.

**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).
- System is stable up to 200°F (93°C).
- **1-Part**<sup>®</sup> accommodates movement and is suggested for use on all granulated membranes and details with excessive movement.
- For sloped roof applications, substitute **DuraLink™** non-slump adhesive/sealant for **M-1**<sup>®</sup> and **1-Part**

**Restrictions**

- Do not apply below 30°F (-1°C)
- Do not use on Hypalon or smooth APP modified bitumen membrane. For smooth APP, torch down a target of granulated APP before installation.
- TPO Primer must be used for TPO applications.
- Do not prime bonding surfaces with asphalt primer!
- Do not use asphalt cement as a "night sealant." Use **M-1** for this purpose.



**ChemCurb System Components**

- **ChemCurb** exterior rings, straights, and corners.
- **M-1** Structural Adhesive/Sealant used for bonding the **ChemCurb** components, sealing and priming the penetration.
- **1-Part** moisture cure pourable sealer or **PRO PACK™** two-part urethane pourable sealer. Both sealants are used to form a durable, water-tight seal around the roof penetration.

**ChemCurb** precast form components are composed of gray polyester resin. The **ChemCurb** is 2 inches high and is available in a variety of shapes and sizes. Bi-sected circular curbs have an inside diameter of 7.5 or 5 inches. Straight pieces are available in 6 and 12 inch lengths and combined with 2-inch radius corners to create larger sizes. The outer surface is impervious to ice, corrosion, UV (ultraviolet light), and ponding water.

**M-1** Structural Adhesive/Sealant is a durable, self-fixturing, moisture cure mastic. Cartridges of **M-1** are supplied in each **ChemCurb** Kit.

**1-Part** is a highly flexible, self-leveling moisture cure pourable sealer that eliminates mixing. It is also 100% solid rubber, has a very low VOC content, will not melt or shrink, and is resistant to deterioration. It is supplied in 10.1-oz and 28-oz cartridges or 1/2 gallon pouches. Unused sealant can be capped and reused.

### 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**, flat side up, and apply a 1/4" bead of **M-1** to the entire bottom perimeter. Apply 1 additional 1/4" bead of **M-1** down the center of the section. Do not tool the beads flat. Place the **ChemCurb** 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** as described above and to the scarf joints. 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**, and tool to form a smooth fillet.



### 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** 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 edge of the **ChemCurb**.



Read and ensure that the most up-to-date MSDS and technical guidelines are being followed. Proper use and application are the responsibility of the applicator. Direct any questions to Technical Services at 800-826-1681 prior to starting the project.

### IMPORTANT NOTICE

Except where prohibited by law, CHEM LINK Products makes no warranties, expressed or implied, statutory or otherwise, including but not limited to, any implied condition or warranty of merchantability or fitness for a particular purpose. User is responsible for determining whether this CHEM LINK Products material is fit for a particular purpose and suitable for user's method of application.

### LIMITATIONS OF REMEDIES AND LIABILITY

If this CHEM LINK Products material is proved to be defective, the exclusive remedy at CHEM LINK Products' option shall be to refund the purchase price or replace the defective material. CHEM LINK Products shall not otherwise be liable for loss of damages, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including negligence, warranty or strict liability.

