

The E-Curb/ChemCurb Penetration Seal System



Tough, durable, easy to install

The Curb system seals the most common source of roof leaks.

Roof penetrations are the most common source of leaks. Pipes, mechanical equipment, vents, solar panels and lightning protection are examples of penetrations which, in time, will create avenues for water. Repeated cycles of load, heat, cold, moisture, water ponding, and ultraviolet inevitably degrade pitch pans, rain caps, boots and other types of seals aimed at preventing leaks.



Round E-Curbs can be configured to handle multiple penetrations.

E-Curbs and ChemCurbs are designed to provide a permanent, watertight seal around virtually any type of penetration.

- E-Curbs and ChemCurbs consist of tough, molded forms that are bonded to the roof around the penetration, creating a cavity which is then filled with non-shrinking rubber sealant. A tight, unified bond is formed, which integrates with the penetration. Because the forms are modular and come in straight and curved sections, they can be assembled to fit the size and shape of almost any penetration. Original **ChemCurbs** are thicker and heavier. **E-Curbs** are lighter in design and provide a more economical approach to sealing penetrations. Either can be used for multiple penetrations such as electrical conduits or vent pipes, or large single penetrations such as H-beams.

The Curb System consists of three essential components:

- Pre-cast, weatherproof molded forms
- M-1® Structural Adhesive (or DuraLink for metal surfaces) for bonding the forms to the roof or wall surface
- A self-leveling pourable sealant — either 1-Part which does not require mixing, ProPack, a two-component urethane for faster cure, or DuraLink a non-slump sealant for vertical or steep slope applications



Even large penetrations such as H-beams can be sealed using the right combination of E-Curb straights and curves.

Curbs deliver important benefits to anyone faced with roof leaks:

- Easy to install—normally fewer than 15 minutes per penetration.
- Fit any size or shape penetration—components come in various shapes—straights, rounds and corners—and several sizes which allow for unlimited configurations
- Can be bonded to a wide range of surfaces, roofing membranes, asphalt, concrete/masonry, metal—even Kynar 500® PVDF coated metal
- Utilize reactive adhesives and sealants which form a tough elastomeric waterproof seal — no flashing or mechanical attachments are required
- Sealants and adhesives are 100% solids and do not shrink
- E-Curb and ChemCurb installations are impervious to ice, corrosion, UV and ponding water
- Adhesives and sealants are solvent free—they present no threat of toxic exposure to contractors or building occupants

Chem Link formulates and manufactures high-performance adhesives, sealants, coatings, and accessories for residential, commercial and specialty markets. Our products contain virtually no VOCs, eliminating risks to contractors and building occupants, contributing toward healthy indoor air quality and easing worries for building owners. Not only are Chem Link's sealants non-toxic, but they deliver the highest levels of performance in strength, adhesion and flexibility.

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