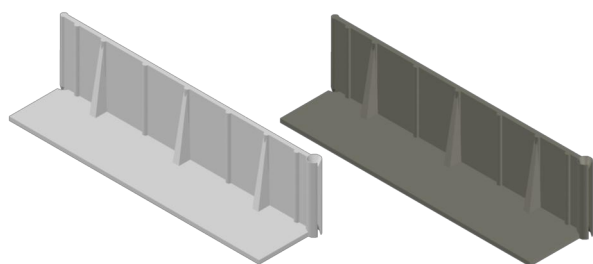


***E-CURB* System**

The *E-CURB* penetration pieces consist of the following sizes and colors:



***E-CURB* Straights**

8" straight sections used to lengthen the *E-CURB*.

F1356WH (White)

-Contains 16 straights per carton only.

F1356GR (Gray)

-Contains 16 straights per carton only.

***E-CURB* Corners**

2" corner pieces used with straight sections to make box shapes.

F1355WH (White)

-Contains 16 Corners per carton only.

F1355GR (Gray)

-Contains 16 Corners per carton only.



***E-CURB* Diameter Rounds**

3" diameter round consisting of (2) 1.5" radius pcs.

F1331 (Gray only complete 1-Part™ & M-1® kit)

-Contains 10 complete curbs per carton only.

F1333 (Gray components only)

-Contains 24 curbs only per carton.

4" diameter round consisting of (2) 2" radius pcs.

F1354WH or F1354GR (complete 1-Part™ & M-1® kit)

-Contains 4 complete curbs per carton only.

F1357WH or F1357GR (components only)

-Contains 12 curbs only per carton.

6" diameter round consisting of (2) 3" radius pcs.

F1350WH or F1350GR (complete 1-Part™ & M-1® kit)

-Contains 3 complete curbs per carton only.

F1352WH or F1352GR (components only)

-Contains 6 curbs only per carton.

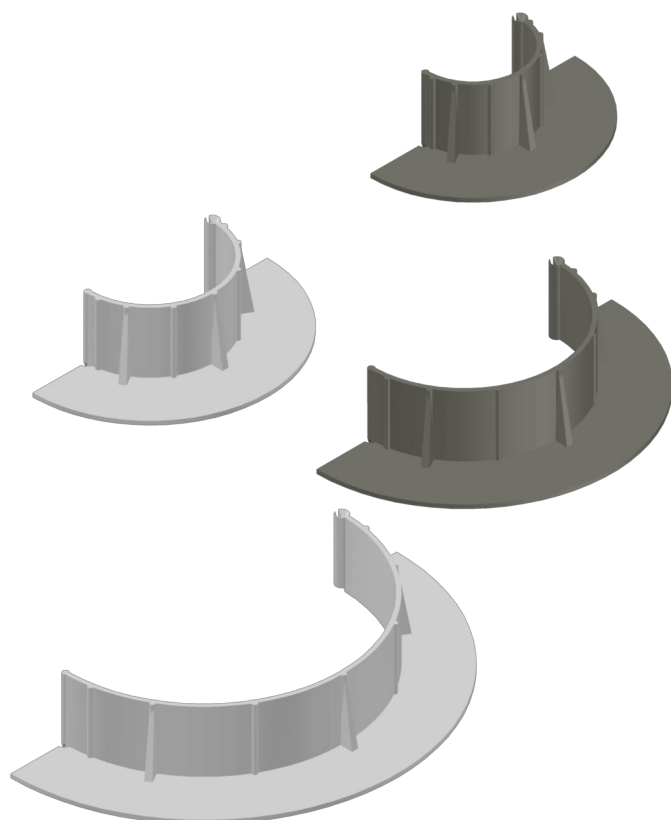
9" diameter round consisting of (2) 4.5" radius pcs.

F1351WH or F1351GR (complete 1-Part™ & M-1® kit)

-Contains 3 complete curbs per carton only.

F1353WH or F1353GR (components only)

-Contains 5 curbs only per carton.



HOW TO CALCULATE E-CURB VOLUMES

Note: These figures represent volume of sealant needed for various sizes of curb combinations **without displacement for penetrations.** (To estimate exact volume needed, also figure volume of penetrations and subtract from volume of curbs.)

To figure volume of a square curb:
Multiply length x width x depth, (2") x (quantity of curbs needed) then divide by 231 (in³ in a gal.) to get the number of gallons needed to fill the curb.

Note:

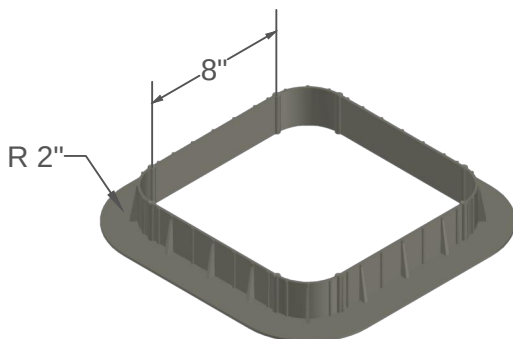
- One gal. pourable sealer = 231 in³
- One $\frac{1}{2}$ gal. pouch = 115.5 in³
- One 28 oz cartridge = 50 in³
- One 10.1 oz cartridge = 4.18 in³

Always figure 2" depth of E-Curbs.
Less invalidates warranty.
A corner curb adds two inches to a straight curb on each end.

Examples:

Four 8" Straights + Four 2" Corners

Form a square 12" x 12" x 2" deep.
Multiply 12" x 12" x 2" = 288 in³
Divide 288 in³ by 231 = 1.25 gal



3" round Curb + two 8" Straights

Form an oval 11" x 3" x 2" deep.
Multiply 11" x 3" x 2" = 66 in³
Divide 66 in³ by 231 = 0.30 gal

4" round Curb + two 8" Straights

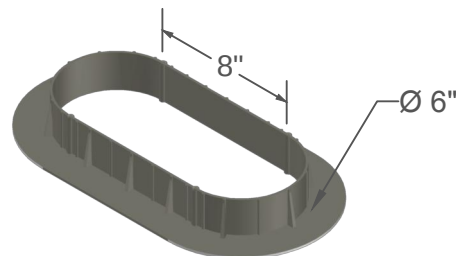
Form an oval 12" x 4" x 2" deep.
Multiply 12" x 4" x 2" = 96 in³
Divide 96 in³ by 231 = 0.42 gal

6" round Curb + two 8" Straights

Form an oval 14" x 6" x 2" deep.
Multiply 14" x 6" x 2" = 168 in³
Divide 168 in³ by 231 = 0.73 gal

9" round Curb + two 8" Straights

Form an oval 17" x 9" x 2" deep.
Multiply 17" x 9" x 2" = 306 in³
Divide 306 in³ by 231 = 1.32 gal



To figure volume of a round curb:
multiply (radius squared x 3.14 x depth)
x (quantity of curbs needed) then divide
by 231 (in³/gal) to get the number of
gallons needed to fill the curb.

3" round Curb

Form a diameter 3" x 2" deep.
Multiply 1.5" squared x 3.14 x 2" = 14.13 in³
Divide 14.13 in³ by 231 = 0.06 gal

4" round Curb

Form a diameter 4" x 2" deep.
Multiply 2" squared x 3.14 x 2" = 25.12 in³
Divide 25.12 in³ by 231 = 0.11 gal

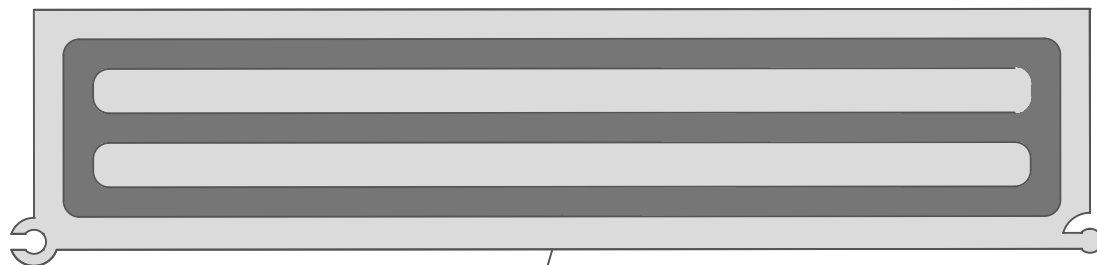
6" round Curb

Form a diameter 6" x 2" deep.
Multiply 3" squared x 3.14 x 2" = 57.52 in³
Divide 57.52 in³ by 231 = 0.25 gal

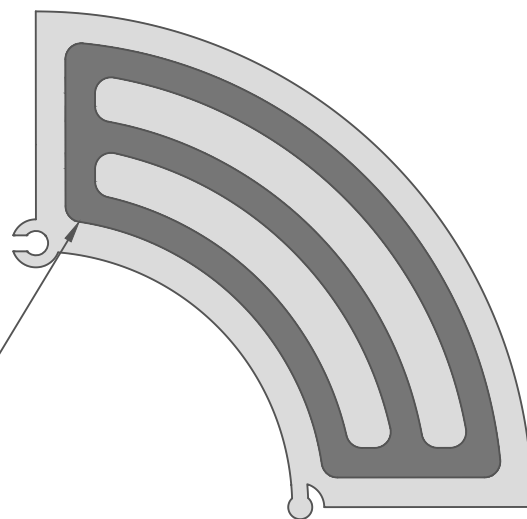
9" round Curb

Form a diameter 9" x 2" deep.
Multiply 4.5" squared x 3.14 x 2" = 127.17 in³
Divide 127.17 in³ by 231 = 0.55 gal

M-1 APPLICATION TO THE BOTTOM OF THE E-CURB SECTIONS

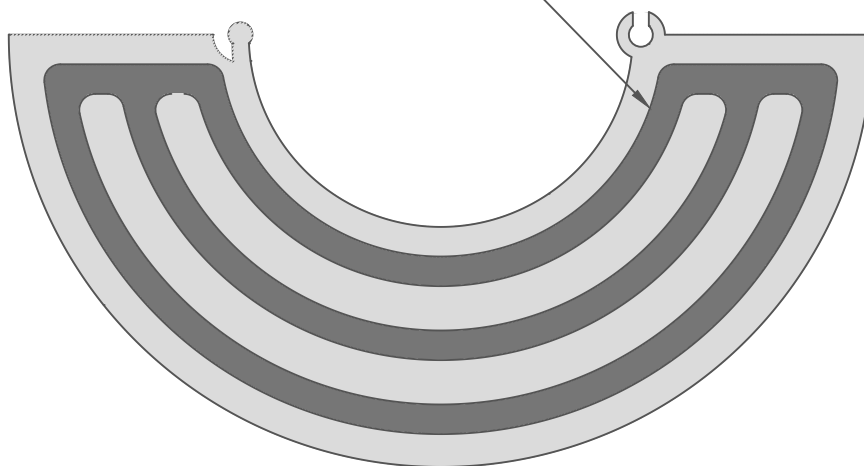


Apply $\frac{1}{4}$ " diameter beads of M-1[®] as shown, to the bottom of each E-CURB section.
DO NOT TOOL THE M-1[®] BEADS SMOOTH!

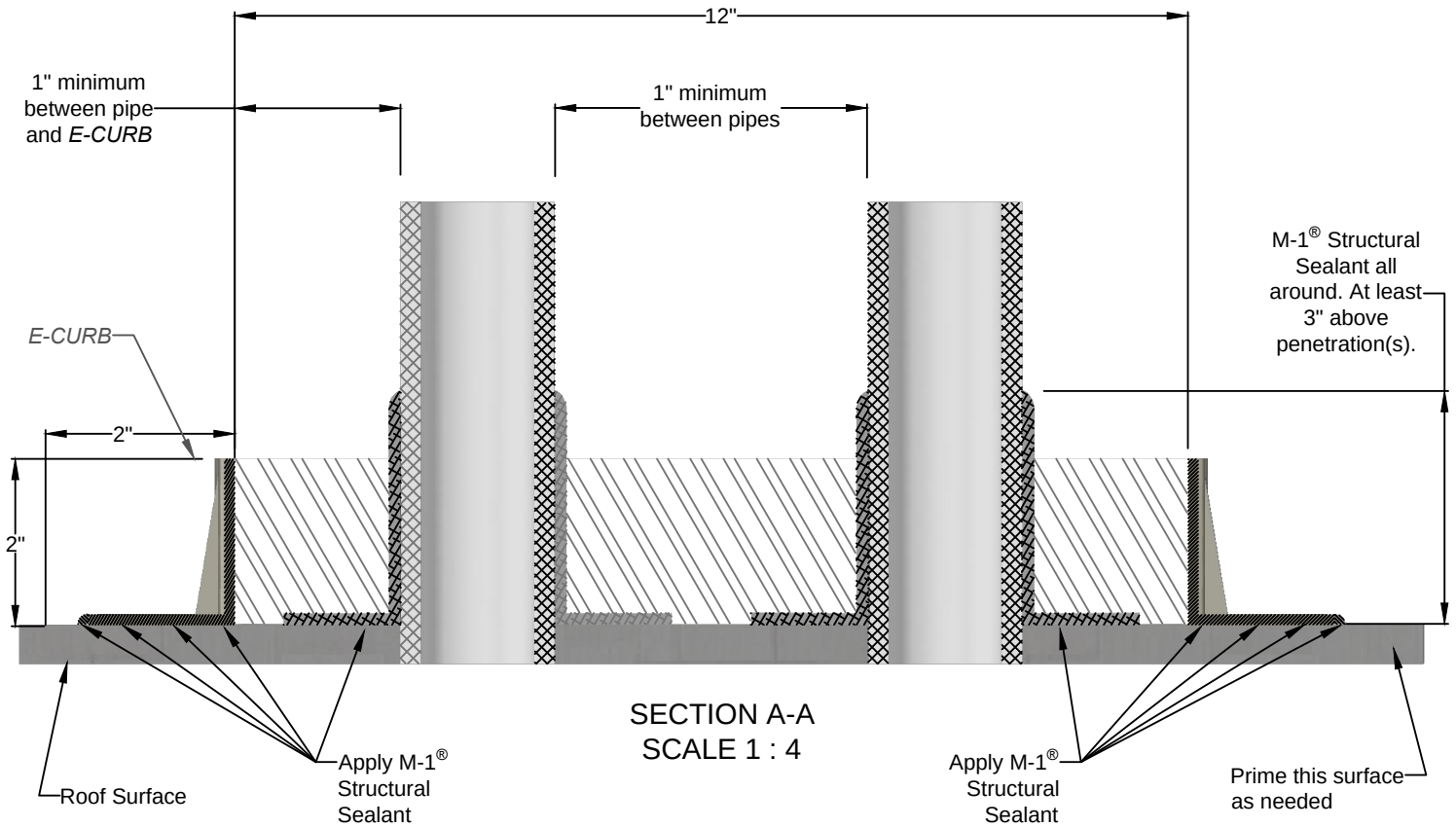
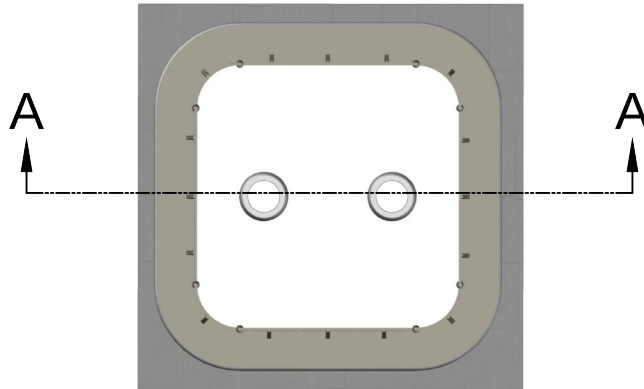


Apply $\frac{1}{4}$ " diameter beads of M-1[®] as shown, to the bottom of each E-CURB section.
DO NOT TOOL THE M-1[®] BEADS SMOOTH!

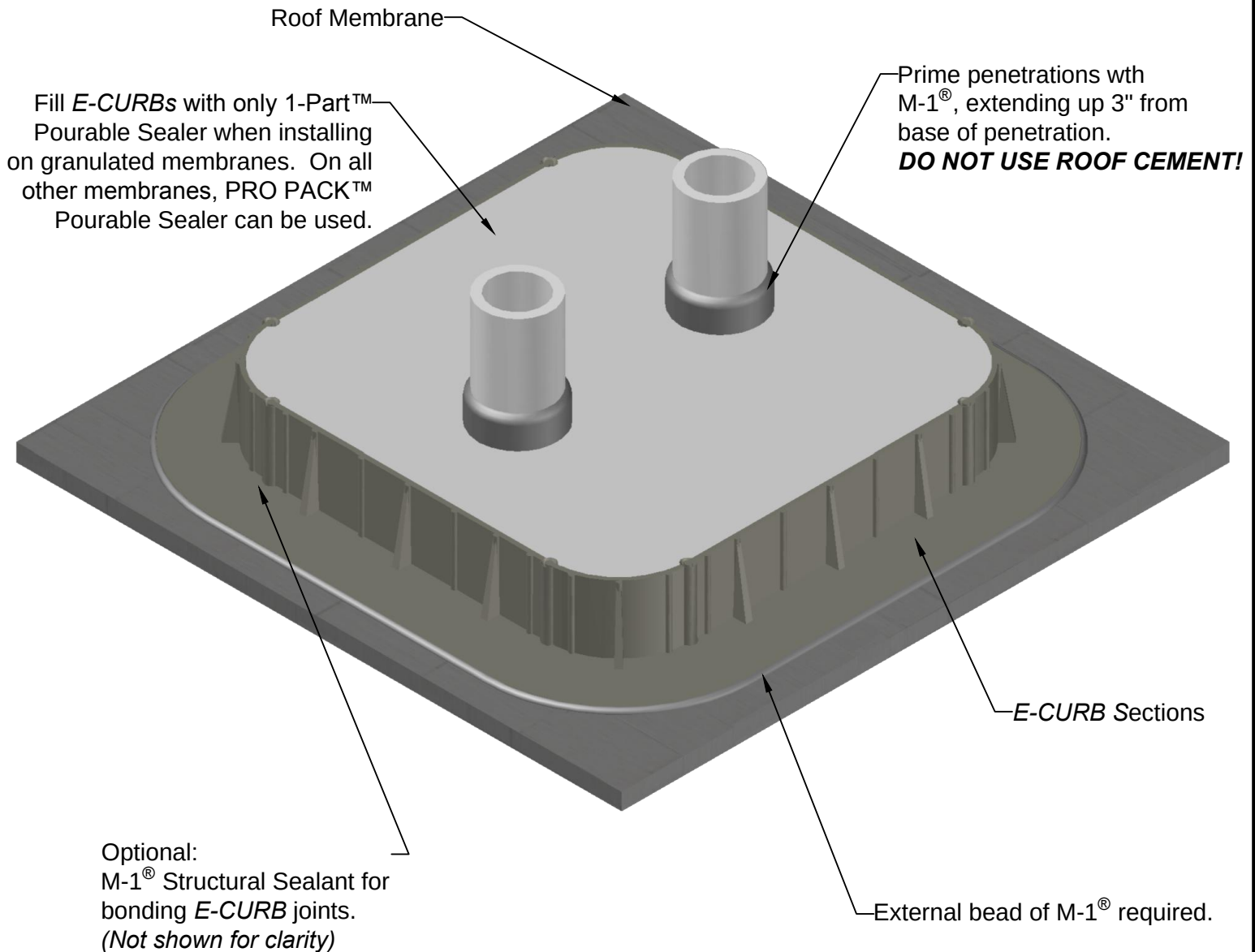
Apply $\frac{1}{4}$ " diameter beads of M-1[®] as shown, to the bottom of each E-CURB section.
DO NOT TOOL THE M-1[®] BEADS SMOOTH!



SECTION VIEW

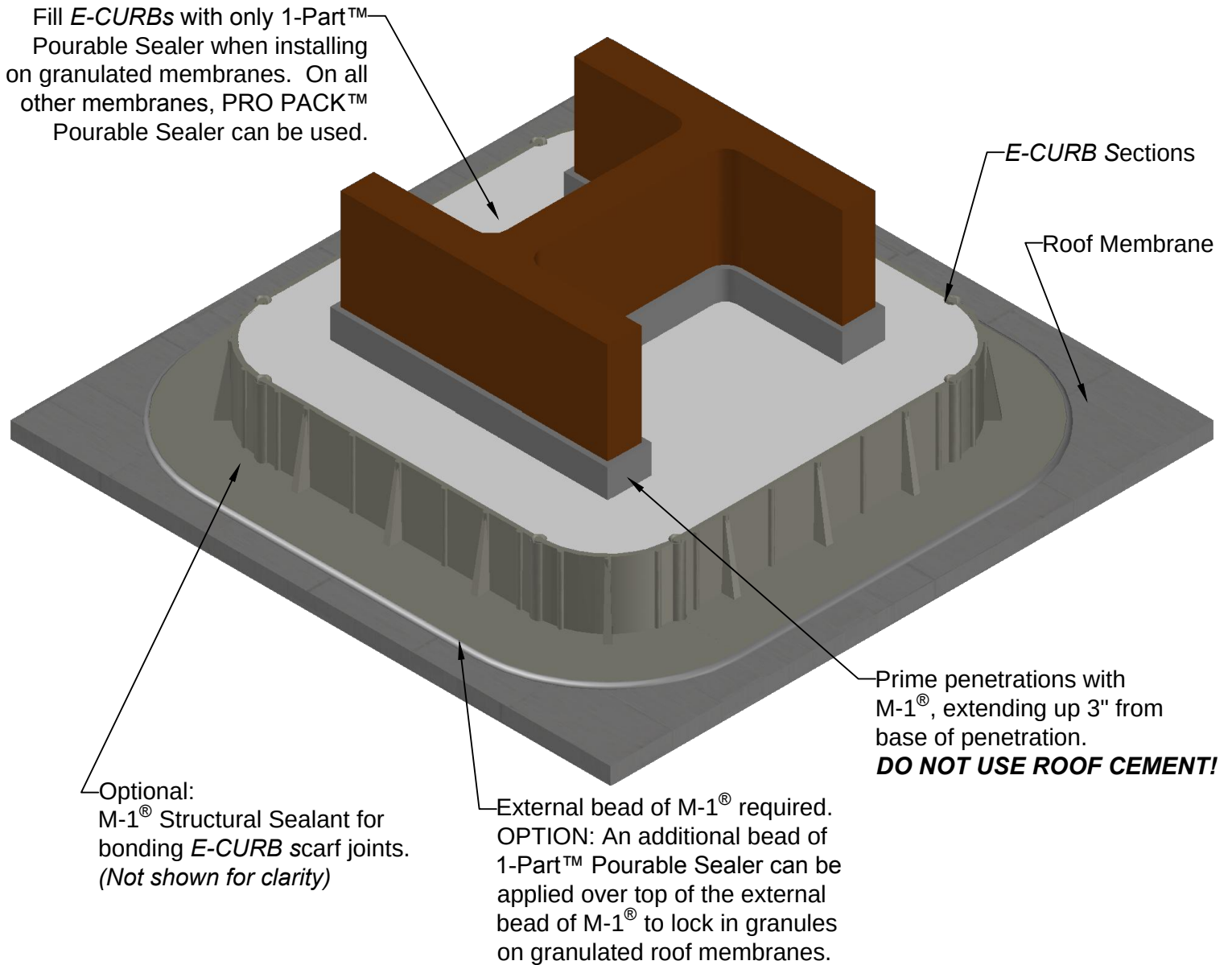


STANDARD E-CURB DETAIL



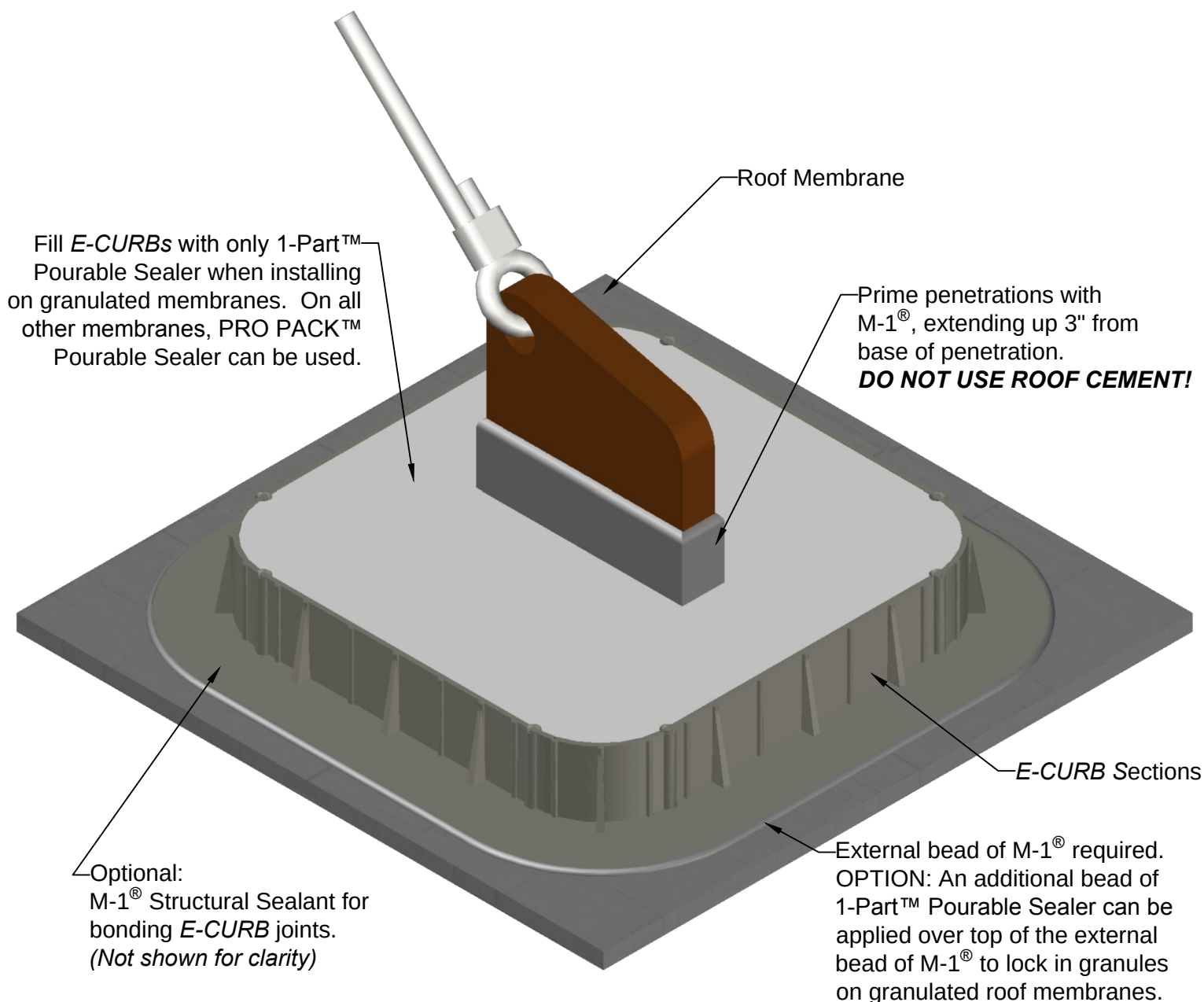
A minimum 1" space is required between all penetrations and the interior wall of all E-CURBs.

H - BEAM PENETRATION



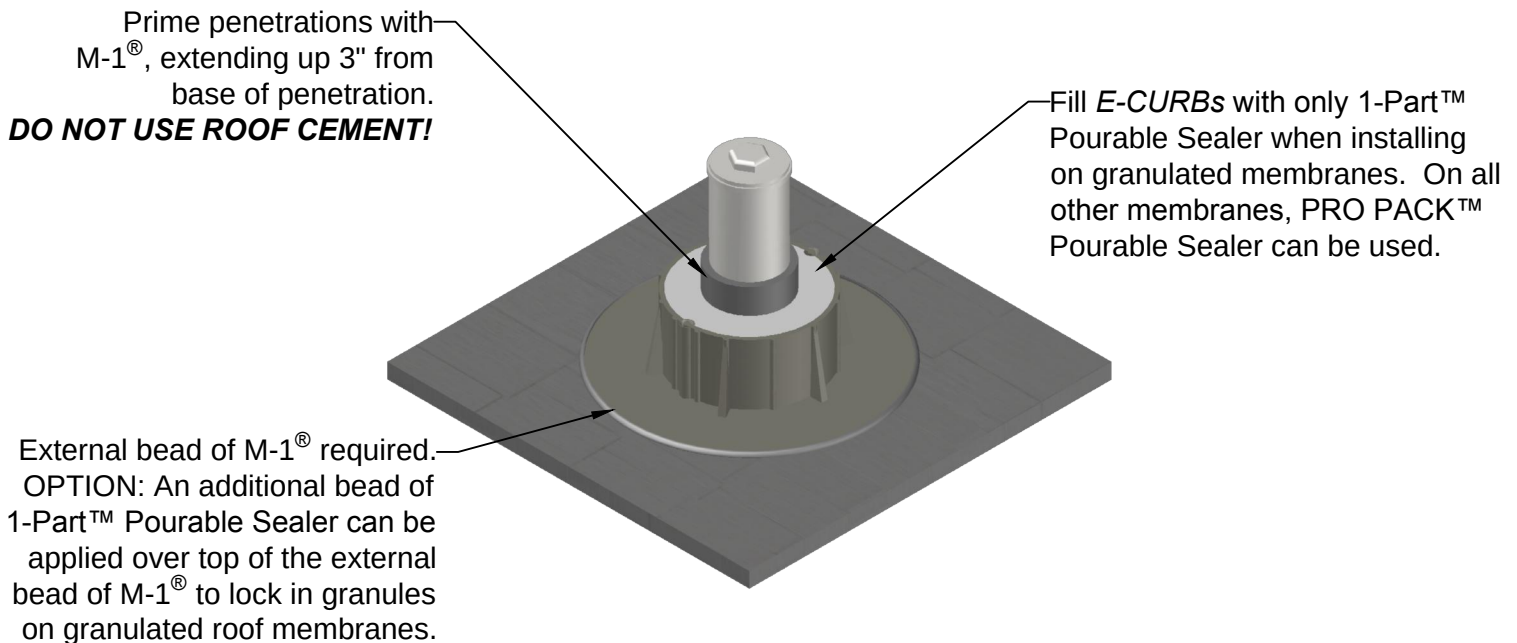
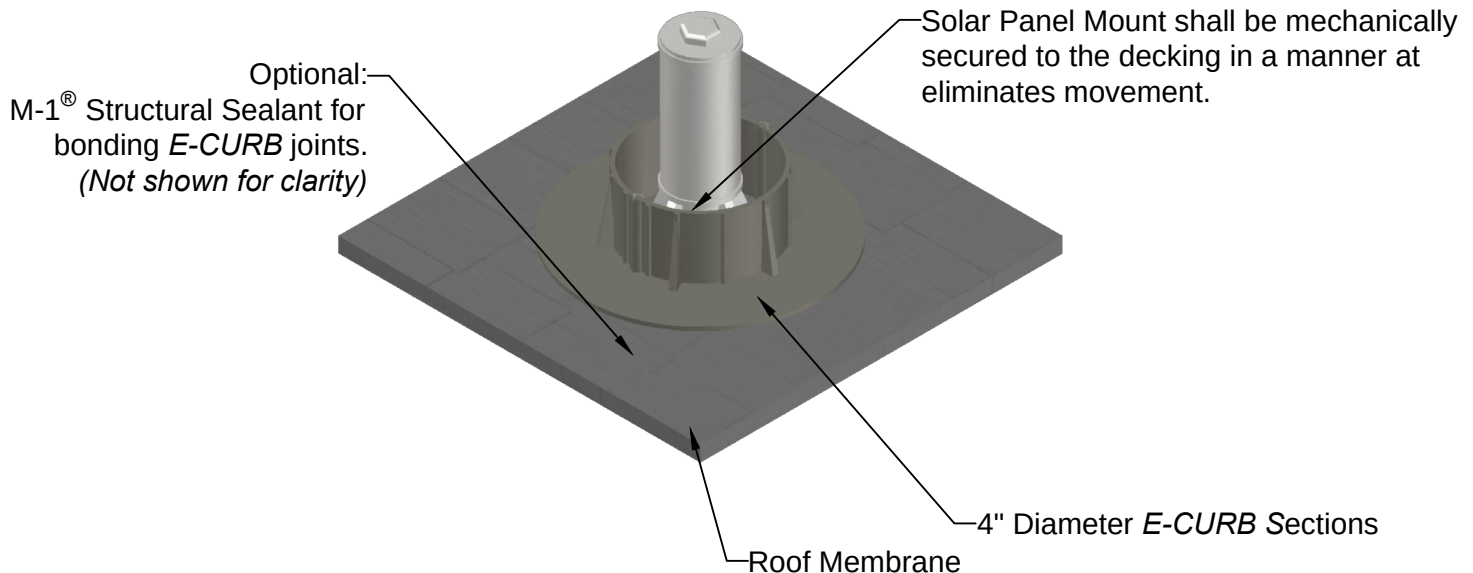
A minimum 1" space is required between all penetrations and the interior wall of all E-CURBs.

CABLE SUPPORT PENETRATION



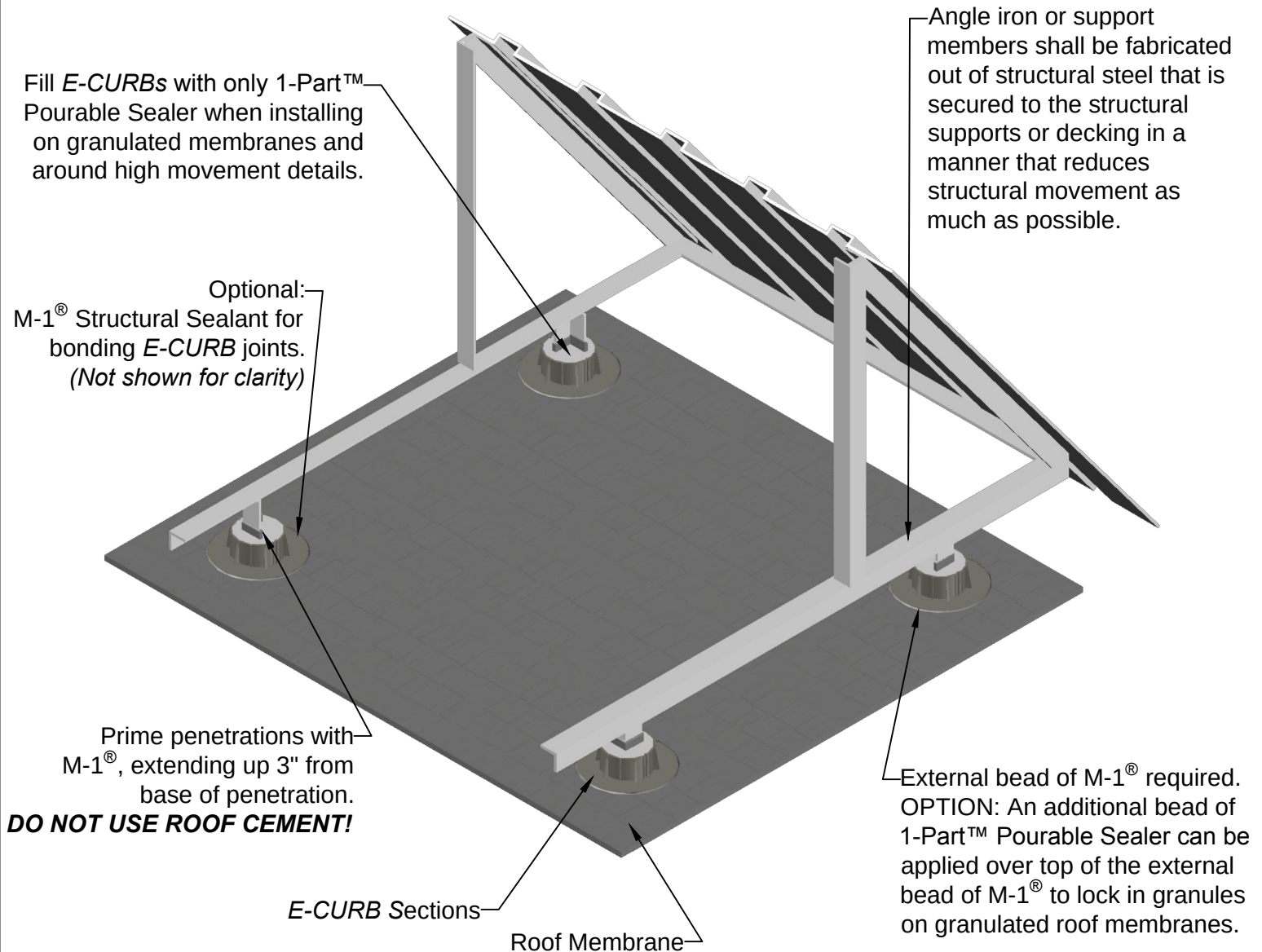
A minimum 1" space is required between all penetrations and the interior wall of all E-CURBs.

SOLAR PANEL MOUNT



A minimum 1" space is required between all penetrations and the interior wall of all E-CURBs.

MACHINERY SCREEN



A minimum 1" space is required between all penetrations and the interior wall of all *E-CURBs*.

VERTICAL WALL PENETRATIONS

Trowel application of DuraLink 50™ flush with the top of the E-CURB.

Optional: DuraLink 50™ Sealant for bonding E-CURB scarf joints. (Not shown for clarity)

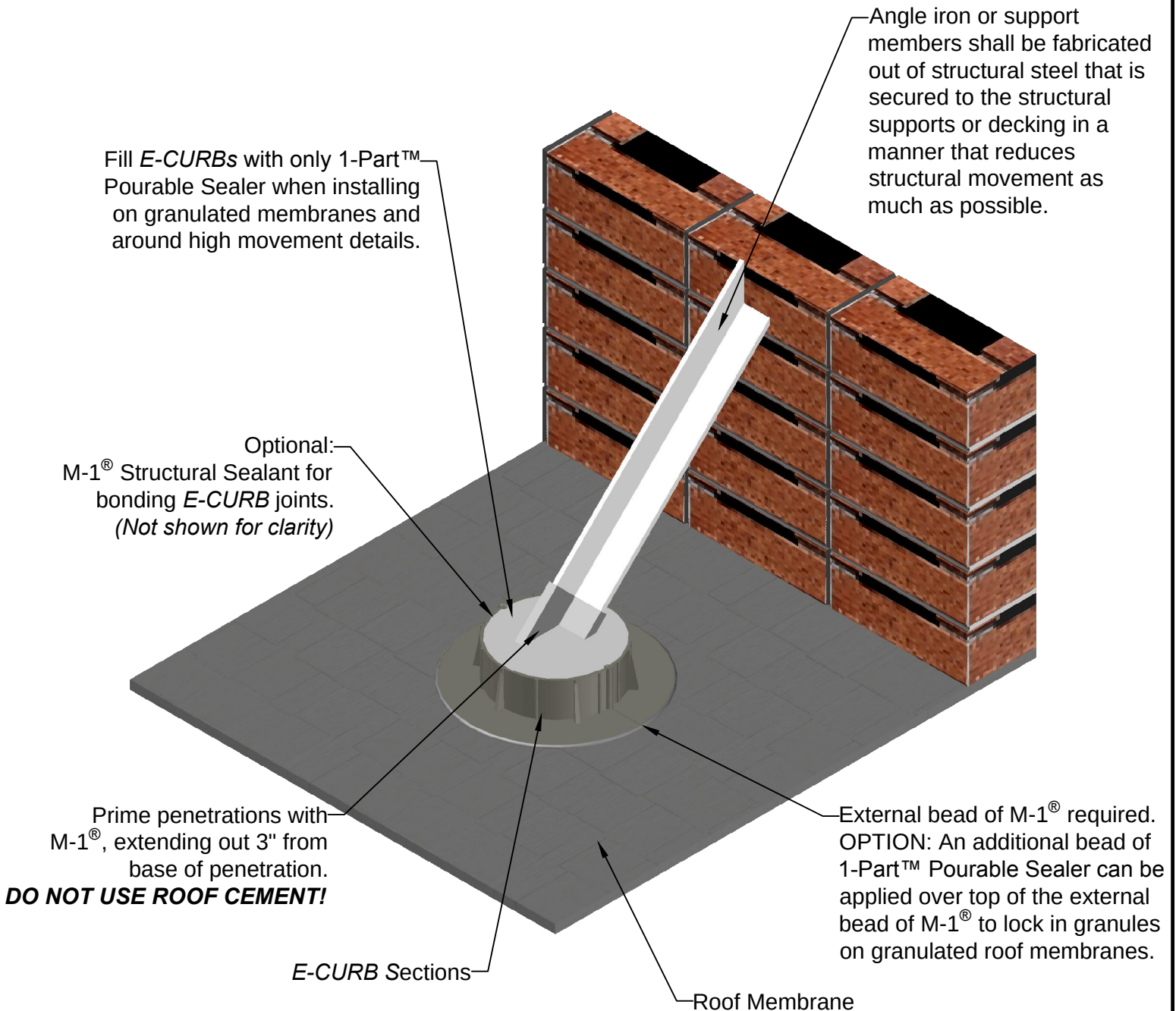
External bead of DuraLink 50™ required.

Prime penetrations with DuraLink 50™, extending out 3" from base of penetration.
DO NOT USE ROOF CEMENT!

E-CURB Sections

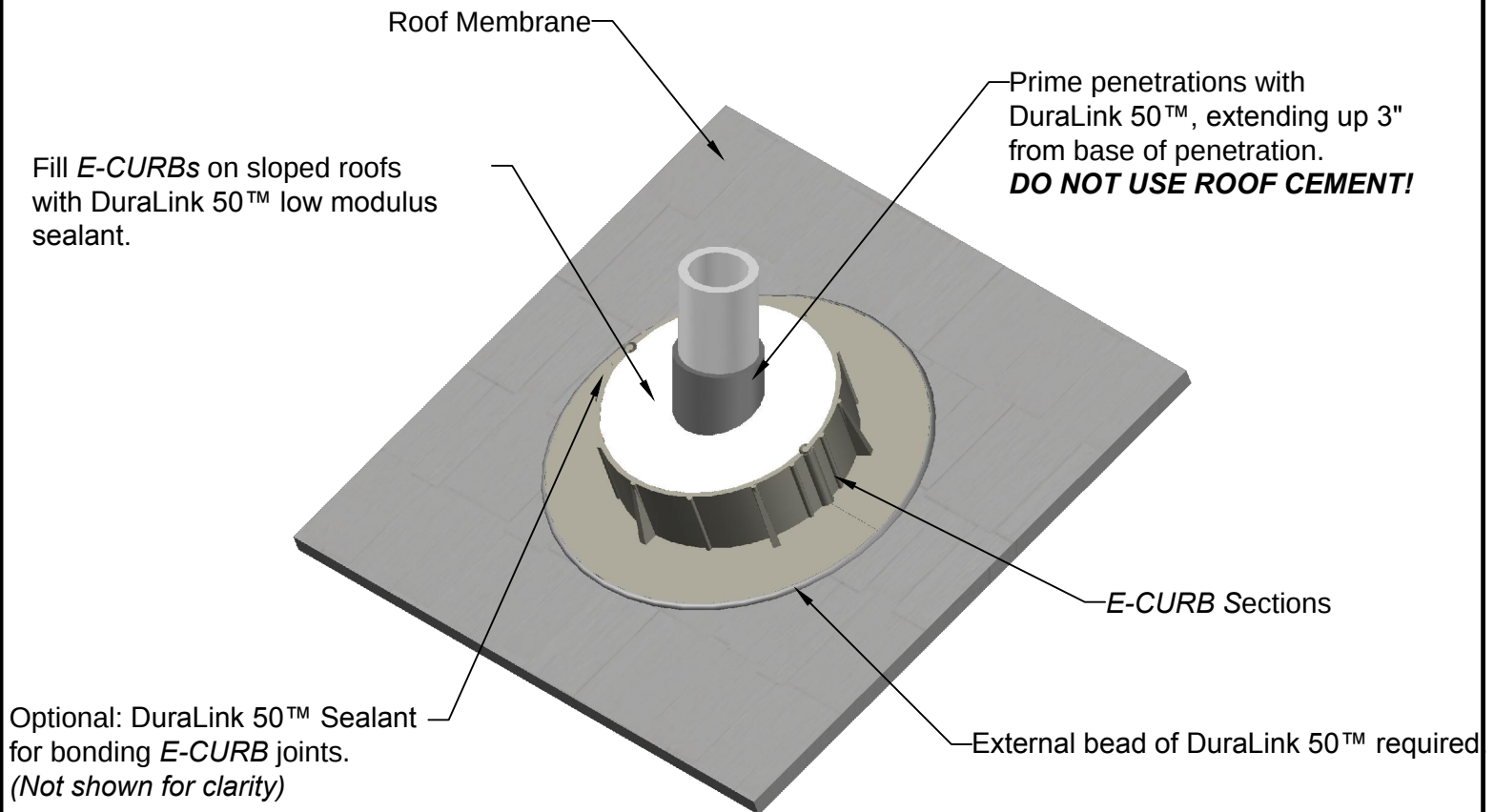
A minimum 1" space is required between all penetrations and the interior wall of all E-CURBs.

ANGLE IRON PENETRATION



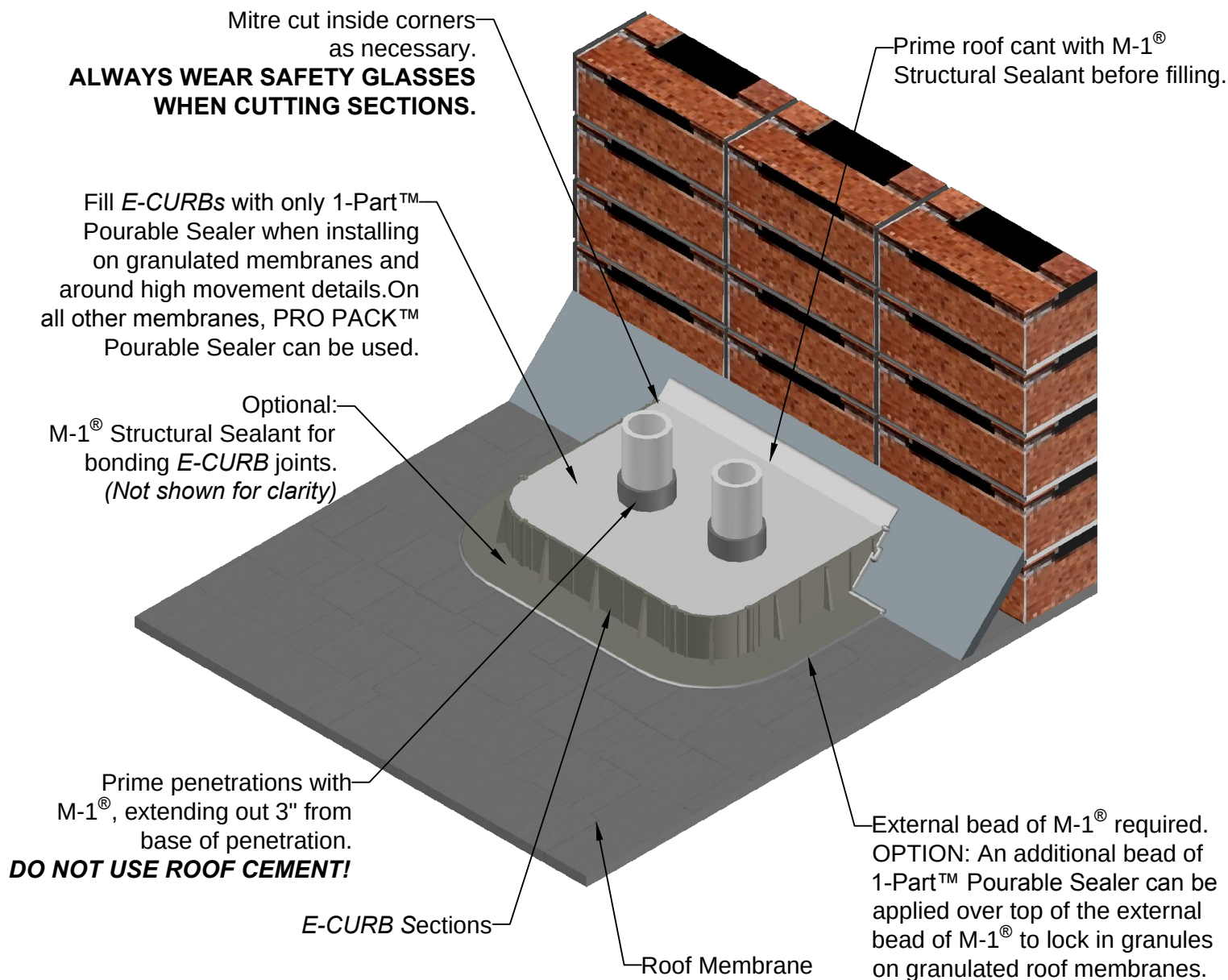
A minimum 1" space is required between all penetrations and the interior wall of all E-CURBs.

SLOPED ROOF PENETRATION



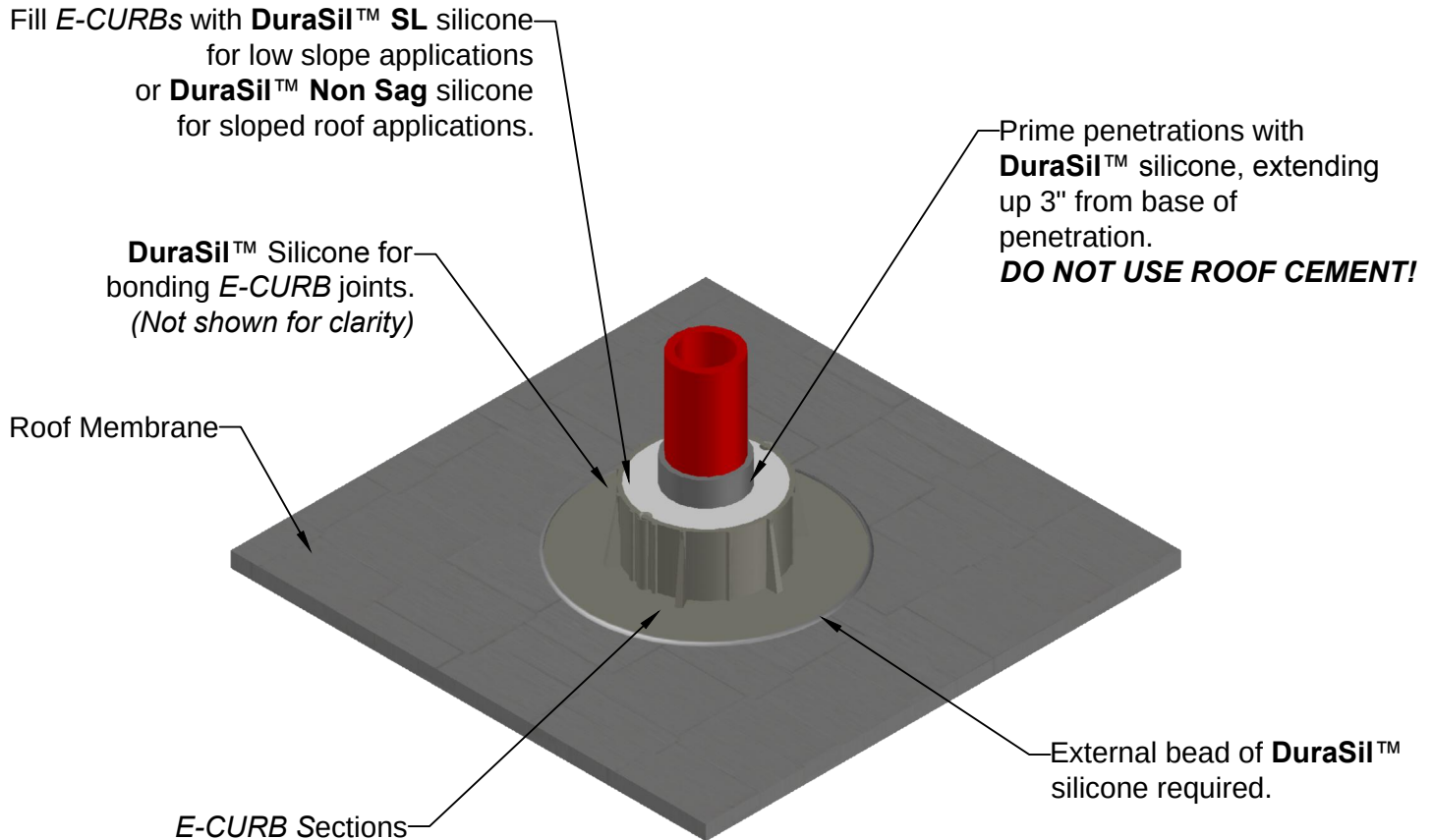
A minimum 1" space is required between all penetrations and the interior wall of all E-CURBs.

PENETRATION NEAR WALL FLASHING



A minimum 1" space is required between all penetrations and the interior wall of all E-CURBs.

HOT STACK PENETRATION (200°F to 400°F)



A minimum 1" space is required between all penetrations and the interior wall of all E-CURBs.

TPO MEMBRANE

Apply *ChemLink* TPO Primer with a brush to the surface of the TPO membrane. Primer shall extend from the base of the penetration(s) to 1" beyond the outside perimeter of the *E-CURB*.

Allow TPO primer to dry before installing the *E-CURB*.

TPO Roof Membrane

E-CURB Sections

Prime penetrations with M-1[®], extending up 3" from base of penetration.

DO NOT USE ROOF CEMENT!

Optional:
M-1[®] Structural Sealant for bonding *E-CURB* scarf joints.
(Not shown for clarity)

Fill *E-CURBs* with only 1-Part[™] Pourable Sealer or PRO PACK[™] Pourable Sealer can be used.

External bead of M-1[®] required.

A minimum 1" space is required between all penetrations and the interior wall of all *E-CURBs*.



CONTACT INFORMATION:

Customer Service: 800.826.1681
www.ChemLink.com

Date: May 12, 2013

Title: E-CURBs

Sheet: 15 of 15

DRW #: CL-EC-01

Drawn by: Christian Appold