



# **SPEC MANUAL**

B.U.R., MODIFIED & SHINGLE  
ROOFING SYSTEMS

## **Chapter 5**

EZ Seal™ Liquid Membrane  
Application Instructions & Details



# EZ SEAL™ LIQUID MEMBRANE

The steps necessary to apply EZ Seal are detailed in the sections of this guide.

Please read complete application instructions before applying EZ Seal.

## 5.1 GENERAL INSTRUCTIONS

Install Malarkey's EZ Seal™ Liquid Membrane System (EZ Seal) according to adopted building code and local amendments. To qualify for warranty protection and obtain stated coverage, the installation instructions detailed here must be followed. Contact Malarkey Technical Services or check our website at [WWW.MALARKEYROOFING.COM](http://WWW.MALARKEYROOFING.COM) for the most current version.

EZ Seal requires a sound and stable substrate to ensure proper application, adhesion, and performance. Substrate and penetrations must be prepared, necessary repairs completed, and primer applied. We assume no responsibility for leaks when there has been improper application or failure to properly prepare the surface.

EZ Seal may be applied on a variety of substrates and penetrations including, but not limited to, concrete, wood, metals, plastics, modified bitumen (mod bit) membranes, and BUR.

Coatings are not an acceptable surface for EZ Seal to bond to. For more information on how to detail when a coating is in place, contact Malarkey Technical Services.

When EZ Seal is used in a re-cover application over BUR or mod bit, the state of adhesion or attachment to the existing surface must be evaluated. At a minimum the existing membrane should be intact and bonded to the substrate.

Once the substrate has been determined to be adequate, application of EZ Seal as outlined in this guide can proceed.

## 5.2 EZ SEAL™ PRODUCTS

### EZ SEAL NON-FIBERED PMMA RESIN

EZ Seal Non-Fibered Resin is a high-performance, two-component, fast-curing poly methyl-methacrylate

(PMMA) resin used as a roofing and waterproofing membrane. EZ Seal Non-Fibered Resin is combined with EZ Seal Catalyst and EZ Seal Fleece reinforcement to form a self-flashing and self-adhering, reinforced membrane.

- 760-5 EZ Seal Non-Fibered PMMA Resin (Standard), 5 kg

### EZ SEAL FIBERED PMMA RESIN

EZ Seal Fibered Resin is a high-performance, two-component, fast-curing poly methyl-methacrylate (PMMA) resin used as a waterproofing membrane in applications where no movement of the substrate is expected, and/or EZ Seal Fleece is impractical due to hard-to-reach areas or complex flashings or surfaces. EZ Seal Fibered Resin is combined with catalyst to form a self-flashing and self-adhering, reinforced membrane.

If movement is expected, use EZ Seal Non-Fibered Resin with EZ Seal Fleece.

- 785-5 EZ Seal Fibered PMMA Resin, 5 kg

### EZ SEAL METAL PRIMER (REQUIRED)

EZ Seal Metal Primer is a solvent-borne, polymer-based primer. EZ Seal Metal Primer promotes bonding between EZ Seal and metal substrates. EZ Seal Metal Primer is used on all metal.

- 752-1 EZ Seal Metal Primer, 1 kg

### EZ SEAL WHITE COMBO PRIMER (REQUIRED)

EZ Seal White Combo Primer is a high-performance, PMMA two-component, rapid-curing primer. EZ Seal White Combo Primer promotes bonding between EZ Seal and various substrates. EZ White Combo Primer is used in flashings and details as a versatile combination primer/sealer for concrete, masonry, wood, asphalt granulated cap sheets, and other substrates.

- 754-1 EZ Seal White Combo Primer, 1 kg

## **EZ SEAL CATALYST (DHCP FREE)**

EZ Seal Catalyst Powder is a reactive agent used to initiate the polymerization process of EZ Seal PMMA resins, combo primer, and paste.

- 790-2 EZ Seal Catalyst Powder (DHCP Free), 2 kg

## **EZ SEAL FLEECE (FOR USE WITH NON-FIBERED RESIN ONLY)**

EZ Seal Fleece is a non-woven, chopped strand polyester reinforcement. EZ Seal Fleece is used to improve tear strength, puncture resistance, and crack-bridging capabilities.

- 756-14 EZ Seal Fleece Reinforcement, 14" x 164'

## **5.3 RECOMMENDED TOOLS AND EQUIPMENT**

### **SUBSTRATE PREPARATION & PATCHING**

- Blower and vacuum
- Mechanical grinders

### **MIXING**

- Plastic tarpaulins or sheeting
- Clean mixing sticks
- 1 tablespoon (15 ml) measuring spoon (provided in container with catalyst)
- Clear, graduated mixing buckets - 5 quart

### **APPLICATION**

- Disposable nitrile gloves or butyl rubber gloves
- Duct/masking/paint tape
- Scissors
- Roller handle
- Roller heads
- Low-cost paint brushes
- 5-in-1 tool
- Putty knife
- Ethyl acetate or acetone
- Hard rubber squeegee for spreading/distributing resin over large areas

### **MISCELLANEOUS**

- Clean cotton rags
- Garbage bags

## **5.4 PERSONAL PROTECTION**

### **WORKPLACE SAFETY**

Before using EZ Seal, please read each product's *Safety Data Sheet* (SDS) and relevant regulatory

agency material for each product. Provide and maintain positive ventilation and protection for workers applying EZ Seal in confined areas lacking sufficient, natural air movement.

Copies of all current, EZ Seal product SDS's must be kept on site. Provide workers with appropriate safety data information and training as related to the specific EZ Seal product being used. Each worker shall be fully aware of first-aid measures to be undertaken in case of accident or exposure.

Do not smoke around EZ Seal products. Keep EZ Seal products away from open flame, fire, or ignition sources. Avoid breathing EZ seal vapors; wear respiratory devices if working in closed quarters. Do not ingest EZ Seal and keep contact away from eyes, mouth, skin, and clothing.

Wear gloves of appropriate material and protective eye wear as noted in the product SDS's. Wash thoroughly after handling EZ Seal products. Keep away from children.

### **EMERGENCY INFORMATION**

**For a chemical emergency - spill, leak, fire, exposure, accident - call CHEMTREC, North America at (800) 424-9300.**

## **5.5 STORAGE AND HANDLING**

### **ENVIRONMENTAL CONDITIONS**

**Do not apply** EZ Seal during or within 45 minutes of expected inclement weather. Surfaces need to be clean and dry as moisture may impede adhesion by disrupting the bonding between EZ Seal and the substrate. Generally, EZ Seal may be applied while the ambient temperature is between 37°F (3°C) and 95°F (35°C), and 5° (-15°C) above the dew point temperature.

### **MATERIAL STORAGE**

EZ Seal products should be stored in a dry location, temps between 32°F and 77°F (0°C – 25°C), out of direct sunlight, and in accordance with relevant regulatory agency requirements. Keep EZ Seal products in their original packaging until used. Shelf life of EZ Seal products will be reduced if not stored according to recommendations.

### **DISPOSAL**

*Uncatalyzed* resin is considered a hazardous material so *catalyze and allow to fully cure* prior to disposal: unused portions, emptied containers, rags, or anything having contact with uncatalyzed resins or primer. Only catalyzed and cured resins may be disposed of in standard landfills.

## 5.6 SUBSTRATE AND PENETRATION PREPARATION

### REQUIREMENTS UNIVERSAL TO EVERY EZ SEAL™ SYSTEM INSTALLATION

Substrate preparation requires removal of dust, dirt, asphalt, rust, and other contaminants that can interfere with adhesion of EZ Seal to the substrate.

Clean and abrade surfaces as appropriate for the substrate. Extend prepared area ½" (13 mm) past EZ Seal termination points. Wipe with ethyl acetate or acetone and install primer to cover the entire prepared area.

When applying EZ Seal *Non-Fibered* Resin, extend the resin ¼" - ½" (6-13 mm) past EZ Seal Fleece in each direction to provide a resin cant termination.

In any roofing membrane system, adhesives must be allowed to fully cure prior to application of EZ Seal Liquid Membrane. Consult adhesive manufacturer for proper cure times.

### ASPHALT BUR OR GRANULE-SURFACED, MODIFIED BITUMEN MEMBRANE

Sweep loose granules, dust, dirt, and asphalt particles from the surface of granule-surfaced membranes. Install EZ Seal White Combo Primer.

Any blistering and ridges must be cut and patched using an appropriate granule-surfaced cap sheet overlay.

### SMOOTH SURFACE, APP-MODIFIED BITUMEN MEMBRANE

Blistering or ridges must be cut and patched using an appropriate base/ply/cap sheet overlay.

When installing EZ Seal on a smooth-surfaced APP, apply asphalt primer to the APP as needed, and install (torch) a granule-surfaced target sheet extending 12" (305 mm) past the penetration in all directions. Install EZ Seal White Combo Primer and the appropriate resin.

### CONCRETE AND MASONRY

New concrete must be cured a minimum of 28 days in accordance with ACI-308 or as recommended by the concrete manufacturer.

*Laitance* must be completely removed by grinding or scarifying. Concrete must be sound, dry, and before EZ Seal application, abrasively cleaned to a point ½" (13 mm) beyond expected EZ Seal termination points. Wipe prepared area with acetone. Install EZ Seal White Combo Primer.

### METAL

Clean and abrade metals with a power grinder to a point ½" (13 mm) beyond expected EZ Seal

termination points, wipe with acetone, and apply EZ Seal Metal Primer.

### RIGID PLASTIC

Clean and lightly abrade plastic with a medium-to-fine grit sandpaper or equivalent to a point ½" (13 mm) beyond expected EZ Seal termination points.

### WOOD

Wood planks, lumber, or plywood shall be prepared as required to provide a suitable substrate for proper application of EZ Seal.

Hygroscopic building substrates, especially wood planks, lumber, or plywood, have higher moisture content as they absorb and release moisture to reach equilibrium moisture levels with the surrounding air.

EZ Seal should not be applied to damp or wet sheathing materials, but may be applied to materials with high moisture content due to hygroscopic conditions.

Determinations of moisture content and resulting bond strength should be performed regularly to determine acceptability. If poor bonding or blistering occurs, substrate will require additional drying time.

Install EZ Seal White Combo Primer. Plywood sheathing joints can be covered with a minimum 4" (102 mm) application of EZ Seal Non-Fibered Resin/EZ Seal Fleece/EZ Seal Non-Fibered Resin.

### UNUSUAL ROOF DECKS

Attachment to other surfaces is possible. Contact Malarkey Technical Services at 800.545.1191 for full systems installation information.

### PENETRATIONS

Prepare according to the appropriate instructions for surface type, as directed in this section.

## 5.7 EZ SEAL™ CATALYST MIXING

Mix rates for Malarkey EZ Seal Catalyst are based on the unit size of the resin or primer, and vary according to atmospheric temperatures. See the *CATALYST RATIO TO PRODUCT & REACTION TIME* table at the end of this section for mixing ratios. (Of the primers, only EZ Seal White Combo Primer requires catalyst.)

Catalyze only the amount of material that can be applied during pot life.

For accurate mixing, use graduated buckets and the measuring spoon included with Malarkey EZ Seal Catalyst. The mix ratio of EZ Seal Catalyst should never be less than 2% (2 scoops per kg) or more than 6% (6 scoops per kg). Incorrect mixing ratios will result in inadequate pot life and/or unsuccessful curing.

## 5.8 PRIMING GUIDELINES

Refer to the *SUBSTRATE AND PENETRATION PREPARATION* section for specific cleaning and abrading requirements. See also the *Priming Guidelines* chart below.

Wipe down substrate surfaces thoroughly with ethyl acetate or acetone. Apply primer. Metal abraded and not flashed with EZ Seal on the same day may require re-abrading and re-application of EZ Seal Metal Primer.

If the surface of the primer becomes dirty or contaminated or is left exposed to the elements for more than a day, the surface must be wiped with acetone and, if necessary, the primer re-applied.

No rust must be evident prior to application of EZ Seal.

Yield Rate (approx.):

- White Combo Primer: 26.9 ft<sup>2</sup> per 1 kg
- Metal Primer: 54-63 ft<sup>2</sup> per 1 kg

Note: Primer coverage rate decreases over more absorbent substrates.

### Priming Guidelines

| SUBSTRATE                                  | EZ Seal Metal Primer | EZ Seal White Combo Primer |
|--------------------------------------------|----------------------|----------------------------|
| Asphalt, Asphalt Bitumen                   |                      | ✓                          |
| Roofing Felt                               |                      | ✓                          |
| SBS-modified Bitumen                       |                      | ✓                          |
| APP-modified Bitumen                       |                      | ✓                          |
| Concrete, Masonry, Brick                   |                      | ✓                          |
| Wood                                       |                      | ✓                          |
| Steel                                      | ✓                    |                            |
| Galvanized Steel                           | ✓                    |                            |
| Stainless Steel                            | ✓                    |                            |
| Aluminum                                   | ✓                    |                            |
| Copper                                     | ✓                    |                            |
| Zinc                                       | ✓                    | ✓                          |
| Lead                                       | ✓                    |                            |
| Glass                                      |                      | ✓                          |
| Plastics (membrane, coatings & extrusions) |                      |                            |
| EPDM                                       |                      |                            |
| PVC*                                       |                      |                            |
| PMMA                                       |                      | ✓                          |
| TPO                                        |                      |                            |

\*Contact Malarkey for details on priming this surface or any surface not listed.

## 5.9 EZ SEAL™ NON-FIBERED PMMA RESIN

EZ Seal Non-Fibered Resin can be used in ambient temperatures between 37°F and 95°F (3°C - 35°C).

- Yield rate per 5-kg container is approximately 16 ft<sup>2</sup>.

Apply EZ Seal Non-Fibered Resin only after surfaces are prepared, wiped with acetone, and primed as instructed in previous sections.

Use *tape* to mask-off penetrations; place strips around the area to receive EZ Seal Non-Fibered Resin. Tape promotes defined EZ Seal terminations.

Pre-cut EZ Seal Fleece as needed to fit the penetration itself and the area around it (see the detail drawings at the end of this section for varied penetration fleece details).

Pre-mix EZ Seal Non-Fibered Resin in its container to re-incorporate any settlement or separation. Pour needed amount of resin into a separate mixing bucket. Mix only enough resin to apply during a pot life of approximately 15-20 minutes.

Introduce EZ Seal Catalyst to resin to start the polymerization process (sprinkle slowly while stirring). Catalyst percentage is based on temperature and amount of resin being used. See the *CATALYST RATIO TO PRODUCT & REACTION TIME* table at the end of this section for the correct catalyst/resin mix ratio.

Using a roller handle and roller (and/or paint brush), apply an even base coat of EZ Seal Non-Fibered Resin to the substrate or penetration being waterproofed.

**Application Rate:** Apply the resin evenly to a 60-mil thickness. Set the pre-cut EZ Seal Fleece into the wet resin with light pressure, work into contours, remove trapped air, and ensure complete saturation. Use only enough pressure to wet the fleece; do not displace the base coat resin.

Extend a minimum 2" (51 mm) overlap at each fleece-to-fleece seam.

Apply a top coat of EZ Seal Non-Fibered Resin using minimal pressure; do not displace the base coat resin. The top coat shall create a membrane with uniform coverage and thickness to achieve a max. 80-100 mil application. Top coat shall extend ¼" - ½" (6-13 mm) past the fleece to provide a resin cant termination. Before the resin sets, remove the tape.

Note: Do not broadcast granules into this first utilization of resin. If granules are desired for *aesthetic* reasons, it would require a *second* application of catalyzed resin in order to broadcast granules. It is not necessary to have granules installed over EZ Seal because it is UV stable.



**Curing:** EZ Seal Non-Fibered Resin will be rainproof in 45 minutes and fully cured in approximately three (3) hours. Curing time is dependent on atmospheric conditions so time is approximate based on a temperature of 68°F (20°C).

### 5.10 EZ SEAL™ FIBERED PMMA RESIN

EZ Seal Fibered Resin is used on hard-to-reach places, complex flashings, or surfaces where application of EZ Seal Fleece is impractical (and no movement expected).

- Yield rate per 5-kg container is approximately 24 ft<sup>2</sup>.

Apply EZ Seal Fibered Resin only after preparing and cleaning surfaces for application in accordance with instructions in previous sections.

Use *tape* to mask-off penetrations; place strips around the area to receive EZ Seal Fibered Resin. Tape promotes defined EZ Seal terminations.

Pre-mix EZ Seal Fibered Resin in its container to re-incorporate any settlement or separation. Pour needed amount of resin into a separate mixing bucket. Mix only enough resin to apply during a pot life of approximately 15-20 minutes.

Introduce EZ Seal Catalyst to EZ Seal Fibered Resin to start the polymerization process (sprinkle slowly while stirring). Catalyst percentage is based on temperature and amount of resin being used. See the *CATALYST RATIO TO PRODUCT & REACTION TIME* table at the end of this section for the correct catalyst/resin mix ratio.

Using a roller handle and roller (and/or paint brush), apply an even coat of EZ Seal Fibered Resin to the substrate or penetration being waterproofed.

**Application Rate:** Apply the resin evenly to a max. 80-100 mil thickness.

Before resin sets, remove the tape.

Note: Do not broadcast granules into this first utilization of resin. If granules are desired for *aesthetic* reasons, it would require a *second* application of catalyzed resin in order to broadcast granules. It is not necessary to have granules installed over EZ Seal because it is UV stable.

**Curing:** EZ Seal Fibered Resin will be rainproof in 45 minutes and fully cured in approximately three (3) hours. Curing time is dependent on atmospheric conditions so time is approximate based on a temperature of 68°F (20°C).

### 5.11 FINAL NOTE

These instructions are meant to act as a general guide. If you have questions about this installation or any Malarkey roofing product, please contact our Technical Services Department weekdays at (800) 545-1191 or (503) 283-1191, 7:00 am to 5:00 pm, Pacific Time. You can also email us at [technicalinquiries@malarkeyroofing.com](mailto:technicalinquiries@malarkeyroofing.com). Thank you.

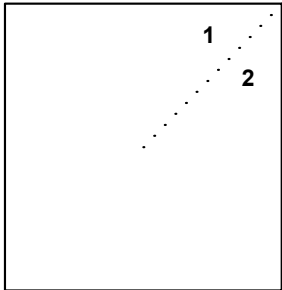
## CATALYST RATIO TO PRODUCT & REACTION TIME

### Useful Information

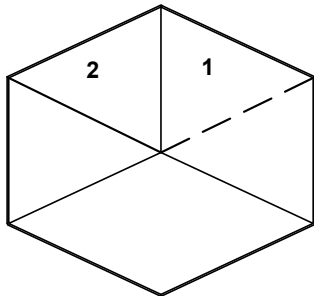
- 10 g of catalyst = Approximately 1 level scoop (measuring scoop provided with catalyst is 1 tbsp.)
- In most situations, 2 level scoops of catalyst per kg of product is satisfactory. EZ Seal Catalyst comes in 2-kg buckets so one bucket can catalyze 90–100 kg of product. A kg is roughly equal to 1 quart and/or 1 liter.
- If new to EZ Seal, it works best to mix small quantities, 1 to 2 quarts or liters at a time, and work with that until familiar with application procedures and duration of pot life.

| EZ Seal Products Requiring Catalyst           | SKU Number | Unit Size  | Coverage Rate (Approx.)                                      | Temperature/Catalyst Ratio (catalyst required per kg of product) |                   |                   | Reaction Times 68°F (20°C) (Approx.)                                                       |
|-----------------------------------------------|------------|------------|--------------------------------------------------------------|------------------------------------------------------------------|-------------------|-------------------|--------------------------------------------------------------------------------------------|
|                                               |            |            |                                                              | 37–50°F (3–10°C)                                                 | 50–68°F (10–20°C) | 68–95°F (20–35°C) |                                                                                            |
| Non-Fibered PMMA Resin (Standard Formulation) | 760-5      | 5 kg       | 16 ft <sup>2</sup>                                           | 40 g (4 scoops)                                                  | 20 g (2 scoops)   | 20 g (2 scoops)   | Pot Life: 20–30 minutes<br>Rainproof: 45 minutes<br>Fully Cured: 3 hours                   |
| Fibered PMMA Resin                            | 785-5      | 5 kg       | 24 ft <sup>2</sup>                                           | 60 g (6 scoops)                                                  | 40 g (4 scoops)   | 20 g (2 scoops)   | Pot Life: 20 minutes<br>Rainproof: 45 minutes<br>Fully Cured: 3 hours                      |
| White Combo Primer                            | 754-1      | 1 kg       | 26.9 ft <sup>2</sup>                                         | 60 g (6 scoops)                                                  | 40 g (4 scoops)   | 20 g (2 scoops)   | Pot Life: 10–15 minutes<br>Rainproof: 30 minutes<br>Fully Cured: 3 hours                   |
| EZ Seal Specialty Primer                      | SKU Number | Unit Size  | Coverage Rate (Approx.)                                      | Additives/Catalyst                                               |                   |                   | Cure Times (Approx.)                                                                       |
| Metal Primer                                  | 752-1      | 1 kg       | 54 – 63 ft <sup>2</sup>                                      | No Catalyst                                                      | No Catalyst       | No Catalyst       | 86°F (30°C): 1 hour<br>68°F (20°C): 2 hours<br>50°F (10°C): 3 hours<br>37°F (3°C): 4 hours |
| Other EZ Seal Products                        | SKU Number | Unit Size  | Specifications of Note                                       |                                                                  |                   |                   |                                                                                            |
| Catalyst (DHCP Free)                          | 790-2      | 2 kg       | White; Decomposition Temperature: 131°F (55°C) (SADT)        |                                                                  |                   |                   |                                                                                            |
| Fleece Reinforcement                          | 756-14     | 14" x 164' | White; Thickness: 30 - 40 mils; Weight: 110 g/m <sup>2</sup> |                                                                  |                   |                   |                                                                                            |

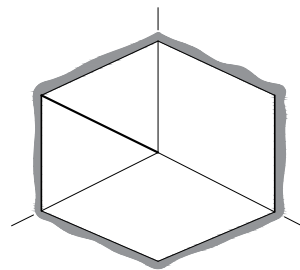
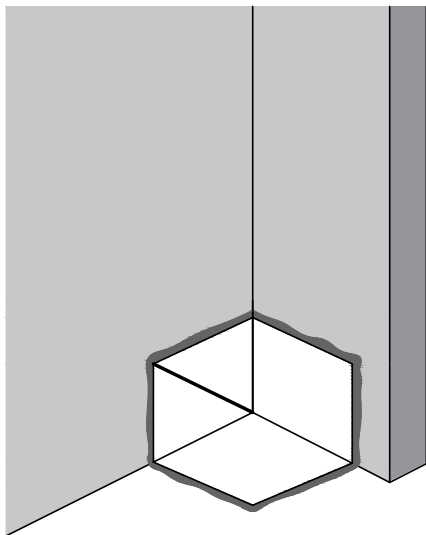
## INSIDE CORNER REINFORCEMENT FLASHING



CUT FLEECE INTO APPROX. 2" SQUARES, THEN CUT FROM CORNER TO MIDDLE OF SQUARE



FOLD FLAP '2' OVER FLAP '1' CREATING AN 'INSIDE CORNER' OF FLEECE MATERIAL



CLEAN AND ABRASE SURFACES; WIPE WITH ACETONE; INSTALL PRIMER; APPLY EZ SEAL NON-FIBERED PMMA RESIN TO CORNER AND SET 'INSIDE CORNER' FLASHING IN RESIN\*

\* IT IS RECOMMENDED EZ SEAL CORNER REINFORCEMENT BE ALLOWED TO CURE TO A TACKY CONSISTENCY BEFORE PROCEEDING WITH EZ SEAL FLASHING APPLICATION.

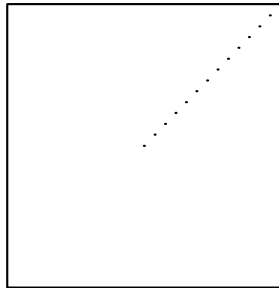
### EZ SEAL 1

|                                                                                                                                                   |               |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------|
|  <b>Malarkey</b><br>Roofing Products®<br>Defining Excellence.™ | PROJECT NAME: | DATE:               |
|                                                                                                                                                   |               | SCALE: NOT TO SCALE |
|                                                                                                                                                   | ADDRESS:      | PROJECT NO:         |
|                                                                                                                                                   |               | DRAWING NO. :       |
| Rev. 3/18                                                                                                                                         | OWNER:        | SUBMITTAL NO. :     |

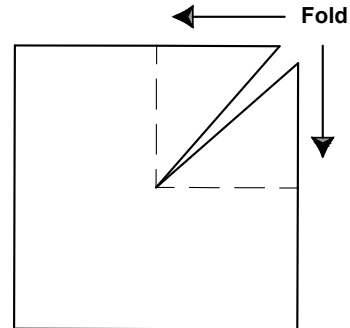
EZ SEAL 1: INSIDE CORNER REINFORCEMENT FLASHING



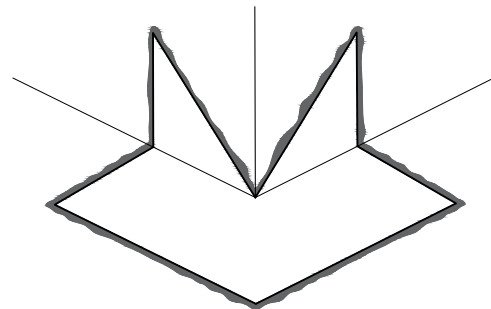
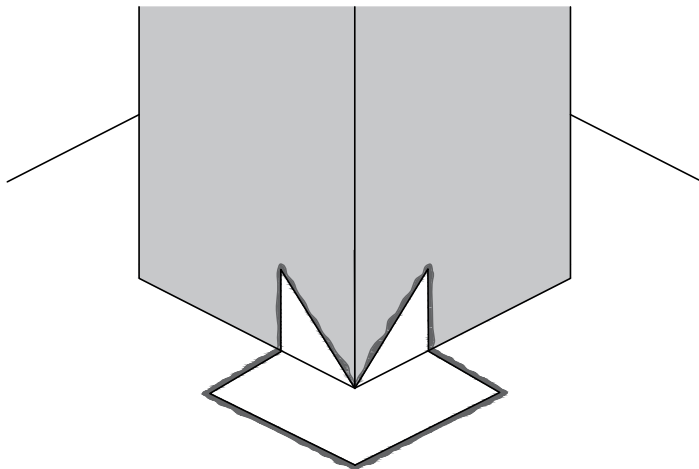
## OUTSIDE CORNER REINFORCEMENT FLASHING



CUT FLEECE INTO APPROX. 2" SQUARES, THEN CUT FROM CORNER TO MIDDLE OF SQUARE



FOLD FLAPS UP CREATING AN 'OUTSIDE CORNER' OF FLEECE MATERIAL



CLEAN AND ABRASE SURFACES; WIPE WITH ACETONE; INSTALL PRIMER; APPLY EZ SEAL NON-FIBERED PMMA RESIN TO CORNER AND SET 'OUTSIDE CORNER' FLASHING IN RESIN\*

\* IT IS RECOMMENDED EZ SEAL CORNER REINFORCEMENT BE ALLOWED TO CURE TO A TACKY CONSISTENCY BEFORE PROCEEDING WITH EZ SEAL FLASHING APPLICATION.

## EZ SEAL 1A



Rev. 3/18

PROJECT NAME:

ADDRESS:

OWNER:

DATE:

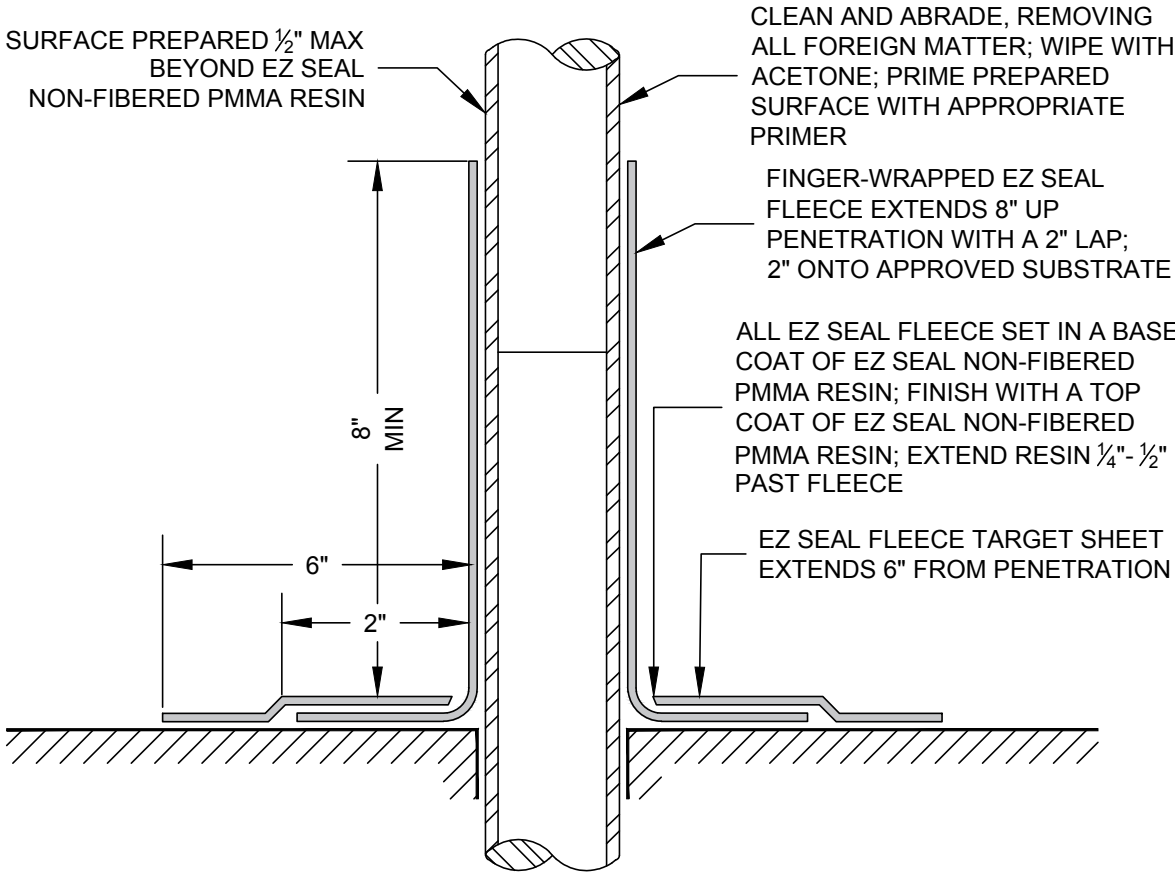
SCALE: NOT TO SCALE

PROJECT NO:

DRAWING NO. :

SUBMITTAL NO. :

### PIPE PENETRATION FLASHING



SURFACE PREPARED  $\frac{1}{2}$ " MAX BEYOND EZ SEAL NON-FIBERED PMMA RESIN

CLEAN AND ABRABE, REMOVING ALL FOREIGN MATTER; WIPE WITH ACETONE; PRIME PREPARED SURFACE WITH APPROPRIATE PRIMER

FINGER-WRAPPED EZ SEAL FLEECE EXTENDS 8" UP PENETRATION WITH A 2" LAP; 2" ONTO APPROVED SUBSTRATE

ALL EZ SEAL FLEECE SET IN A BASE COAT OF EZ SEAL NON-FIBERED PMMA RESIN; FINISH WITH A TOP COAT OF EZ SEAL NON-FIBERED PMMA RESIN; EXTEND RESIN  $\frac{1}{4}$ "-  $\frac{1}{2}$ " PAST FLEECE

EZ SEAL FLEECE TARGET SHEET EXTENDS 6" FROM PENETRATION

8" MIN

6"

2"

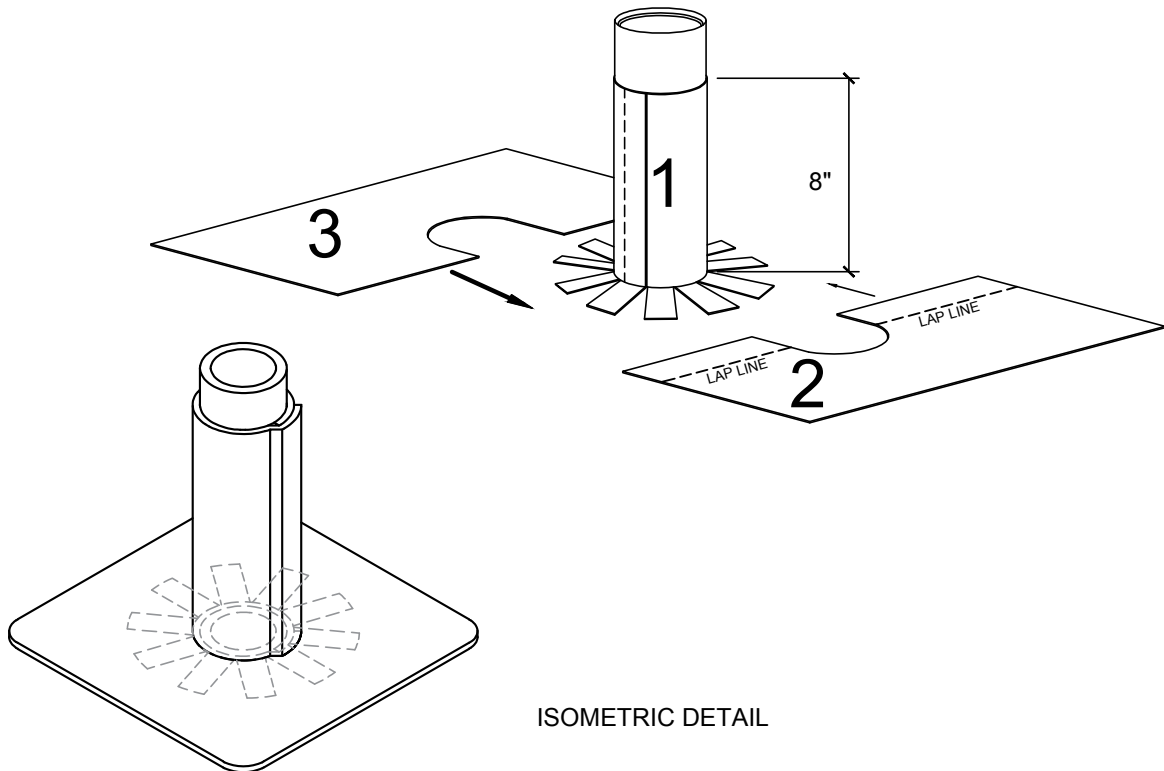
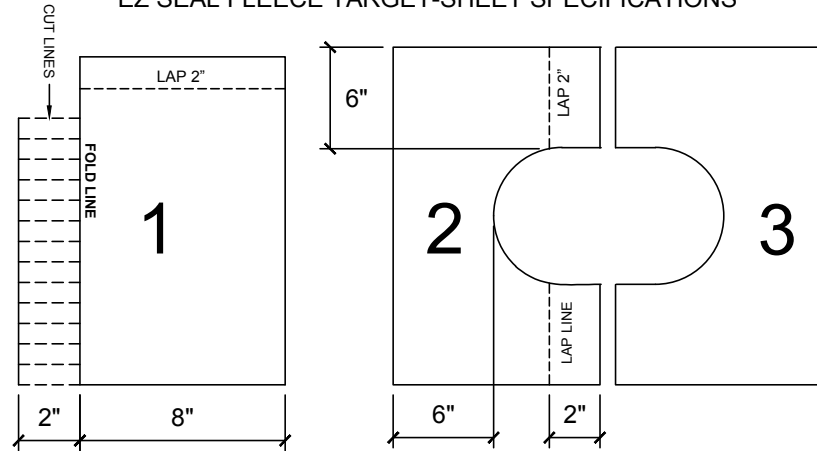
### EZ SEAL 2

|                                                                                                              |               |                     |
|--------------------------------------------------------------------------------------------------------------|---------------|---------------------|
| <br>Defining Excellence.™ | PROJECT NAME: | DATE:               |
|                                                                                                              |               | SCALE: NOT TO SCALE |
|                                                                                                              | ADDRESS:      | PROJECT NO:         |
|                                                                                                              |               | DRAWING NO. :       |
| Rev. 3/18                                                                                                    | OWNER:        | SUBMITTAL NO. :     |

EZ SEAL 2: PIPE PENETRATION FLASHING

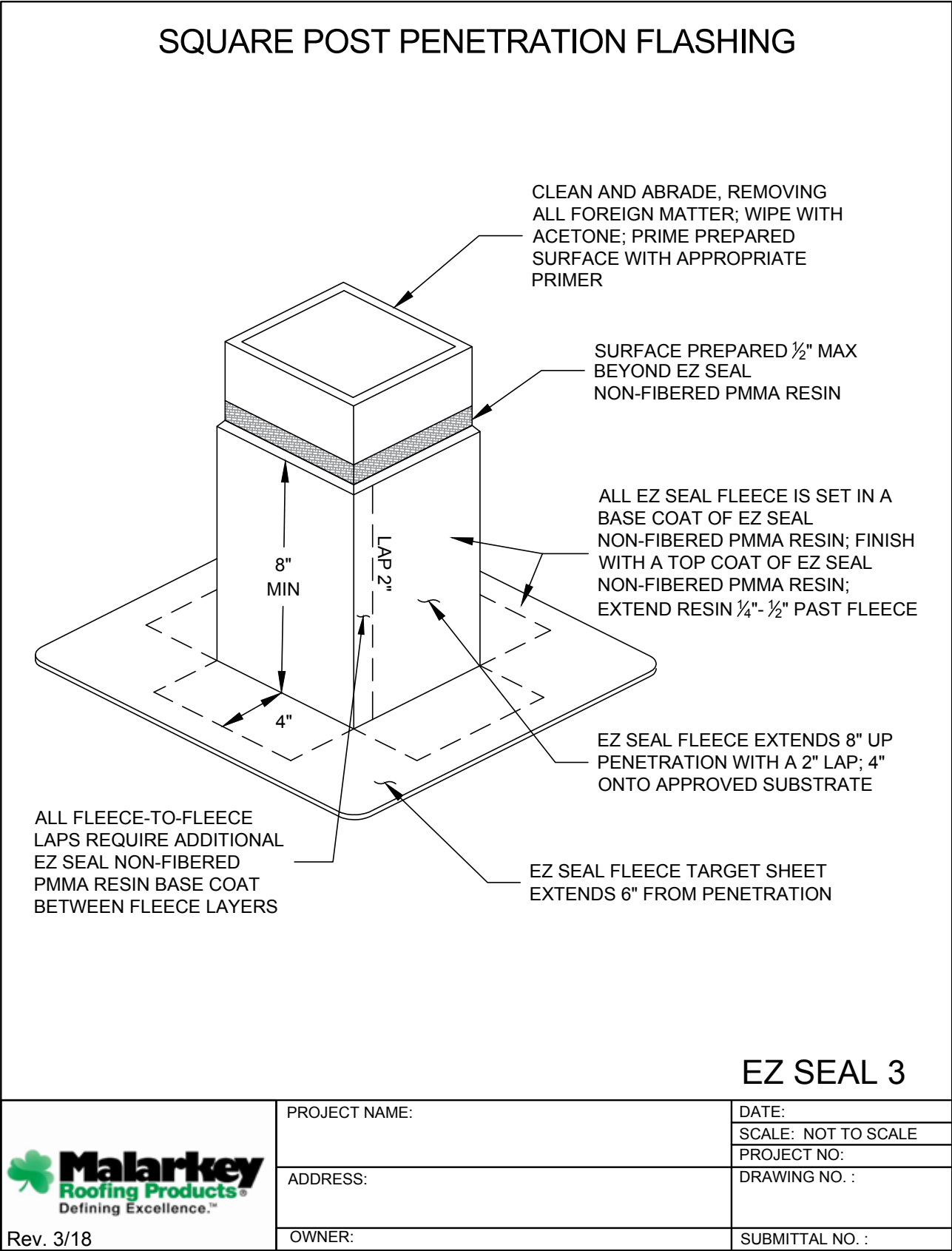
## PIPE PENETRATION FLASHING

### EZ SEAL FLEECE TARGET-SHEET SPECIFICATIONS



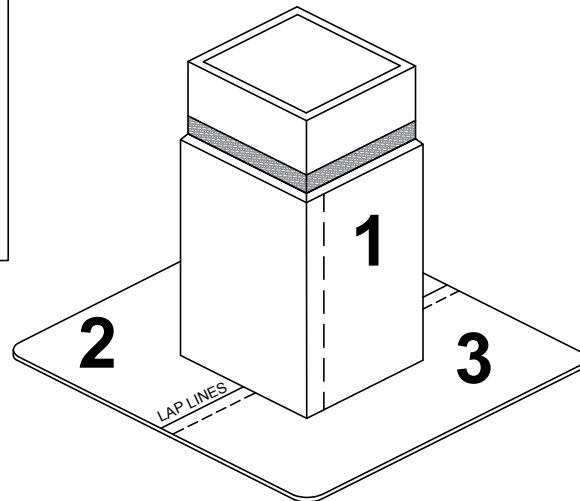
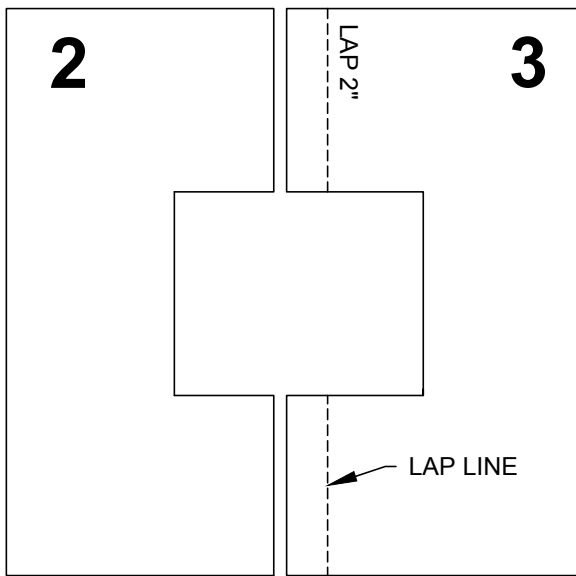
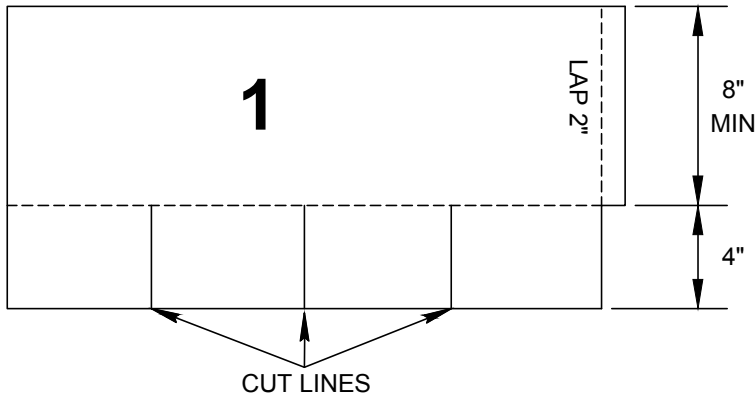
### EZ SEAL 2A

SQUARE POST PENETRATION FLASHING



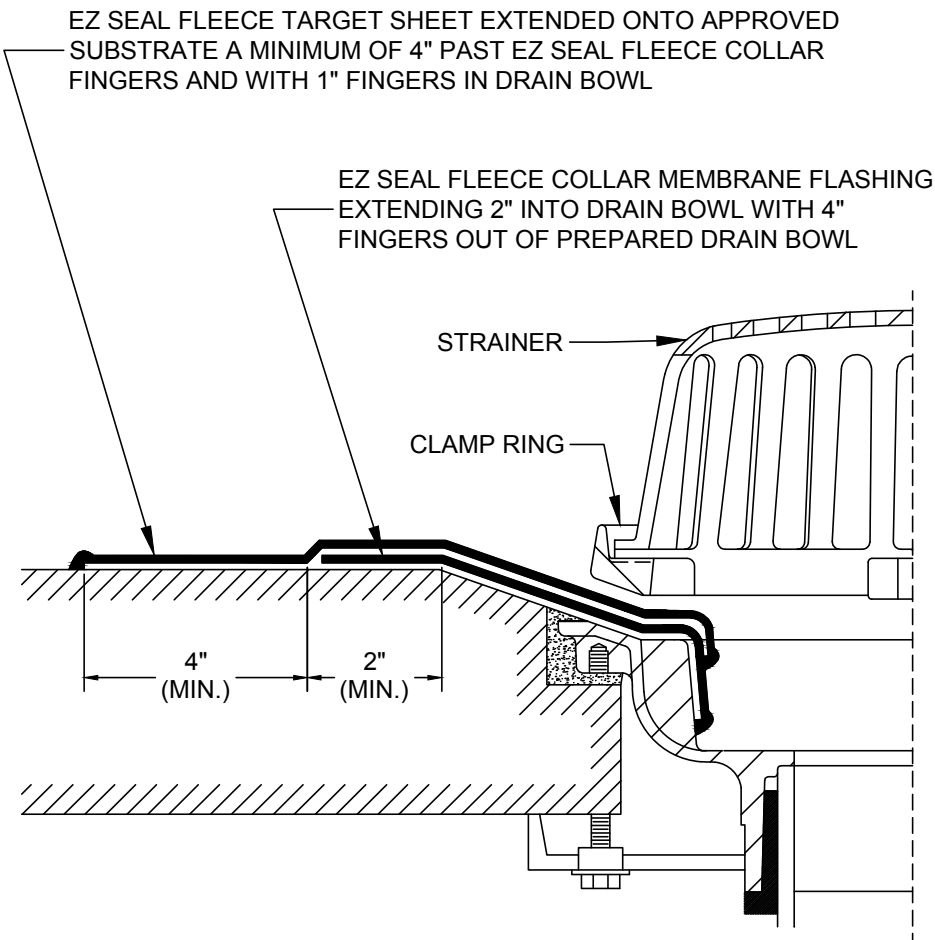
EZ SEAL 3: SQUARE POST PENETRATION FLASHING

## SQUARE POST PENETRATION FLASHING



**EZ SEAL 3A**

ROOF DRAIN FLASHING



EZ SEAL FLEECE DIMENSIONS DEPEND ON DRAIN DIAMETER  
CLEAN AND ABRABE SUBSTRATE ½" MAX BEYOND EZ SEAL TERMINATION  
WIPE W/ ACETONE; PRIME PREPARED SURFACE WITH APPROPRIATE PRIMER  
EXTEND RESIN ¼" - ½" PAST FLEECE

EZ SEAL 4

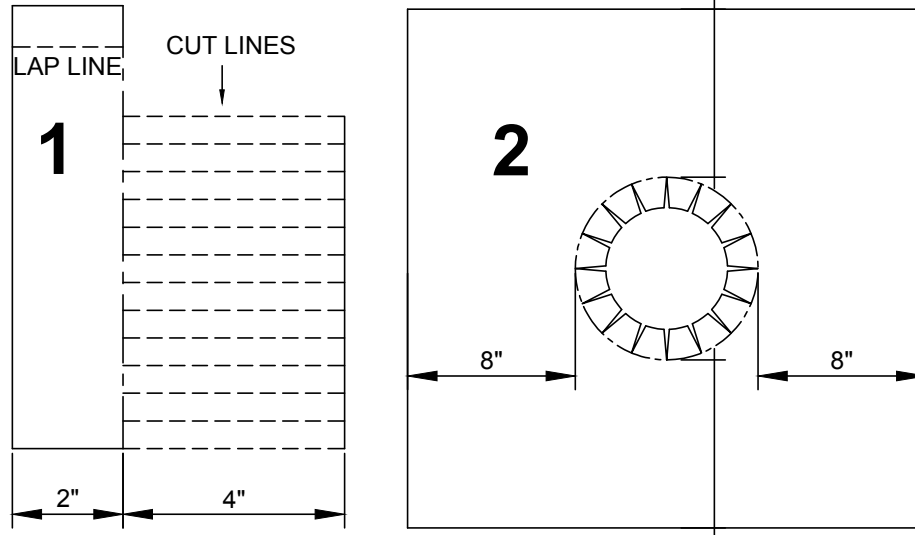
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EZ SEAL 4: ROOF DRAIN FLASHING



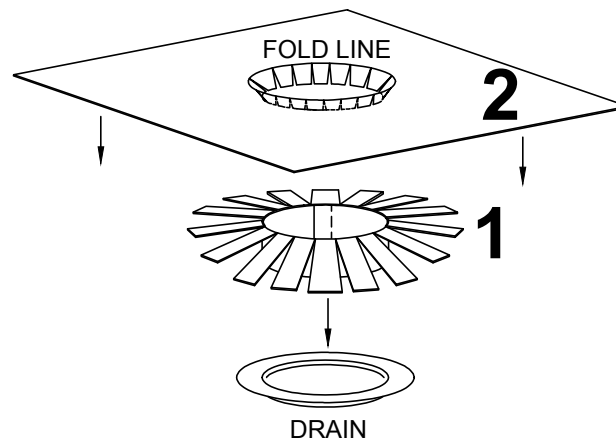
## ROOF DRAIN FLASHING

EZ SEAL FLEECE MEMBRANE FLASHING AND TARGET SHEET SPECIFICATIONS

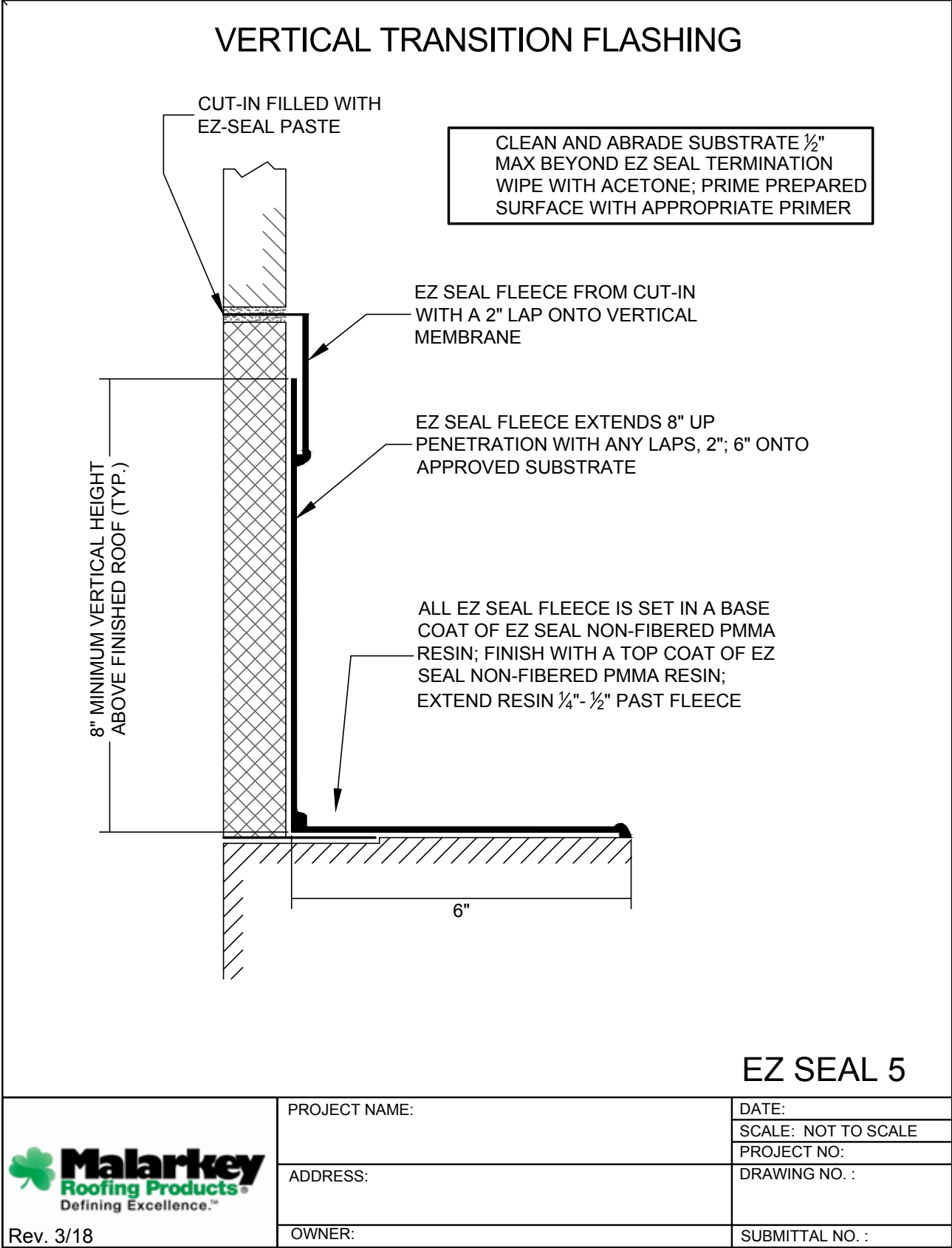


EZ SEAL FLEECE DIMENSIONS DEPENDENT ON DIAMETER:

1. EZ SEAL FLEECE COLLAR FINGERS SHOULD EXTEND A MINIMUM OF 2" OUT OF PREPARED DRAIN BOWL
2. TARGET SHEET EXTENDS MINIMUM OF 4" PAST EZ SEAL FLEECE COLLAR FINGERS

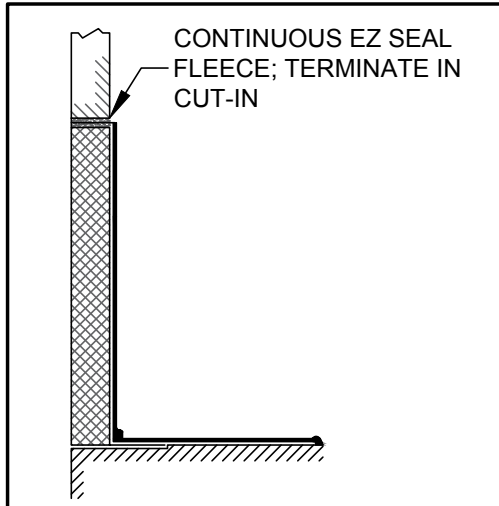


**EZ SEAL 4A**

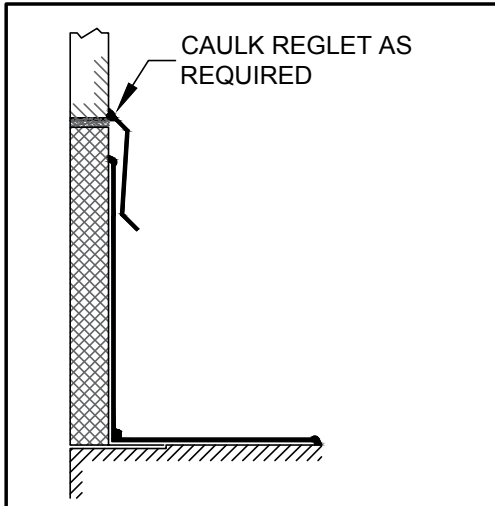


EZ SEAL 5: VERTICAL TRANSITION FLASHING

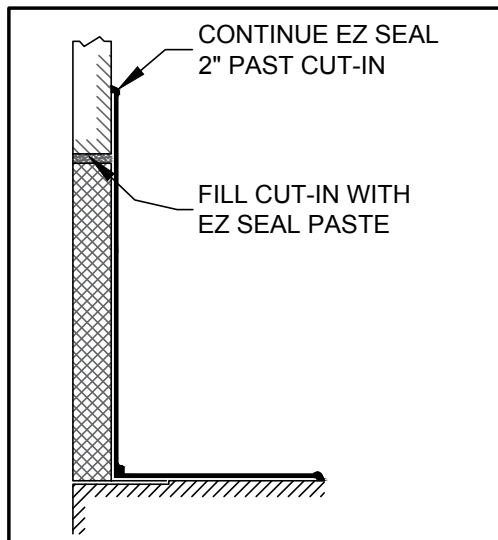
## VERTICAL TRANSITION FLASHING



OPTION: CONTINUOUS EZ SEAL INTO CUT-IN



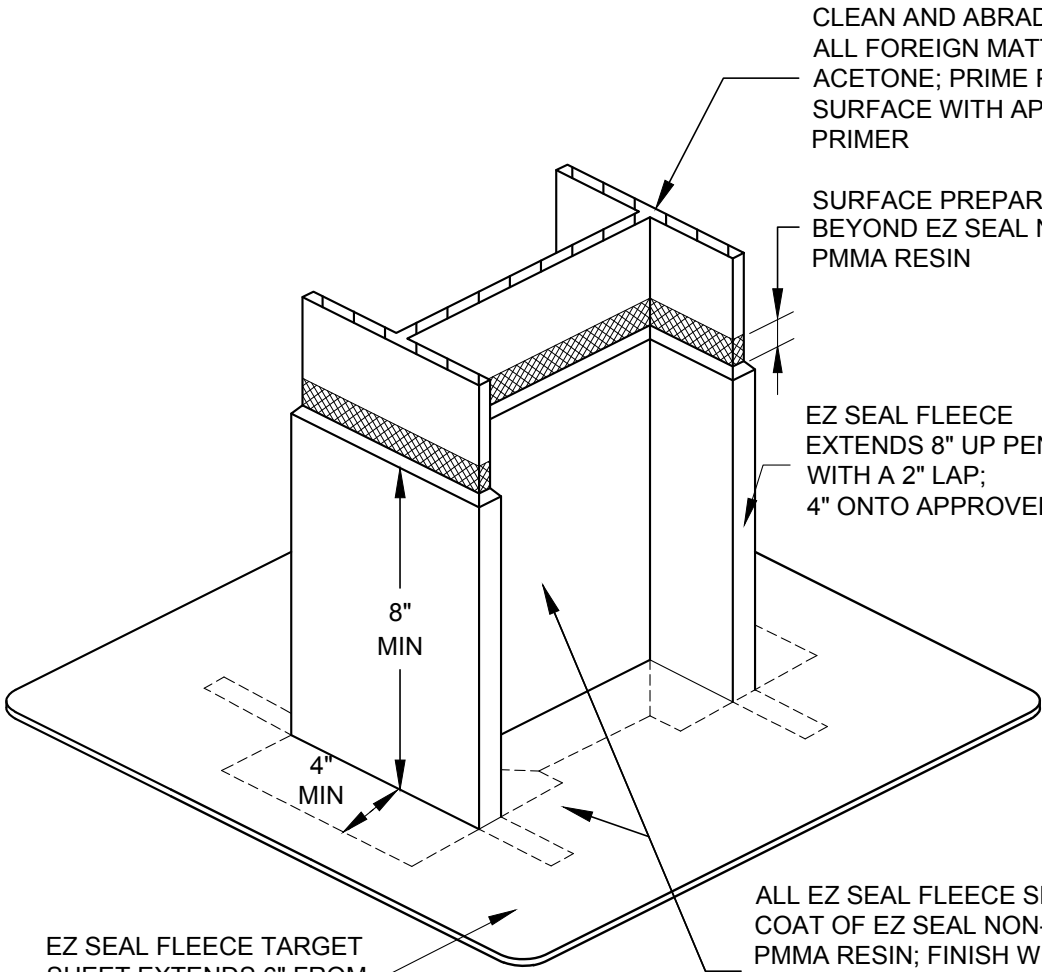
OPTION: CUT-IN REGLET



OPTION: COVER AND FILL CUT-IN

**EZ SEAL 5A**

### TYPICAL "H" AND "I" BEAM PENETRATION FLASHING



CLEAN AND ABRABE, REMOVING ALL FOREIGN MATTER; WIPE WITH ACETONE; PRIME PREPARED SURFACE WITH APPROPRIATE PRIMER

SURFACE PREPARED 1/2" MAX BEYOND EZ SEAL NON-FIBERED PMMA RESIN

EZ SEAL FLEECE EXTENDS 8" UP PENETRATION WITH A 2" LAP; 4" ONTO APPROVED SUBSTRATE

8" MIN

4" MIN

EZ SEAL FLEECE TARGET SHEET EXTENDS 6" FROM PENETRATION

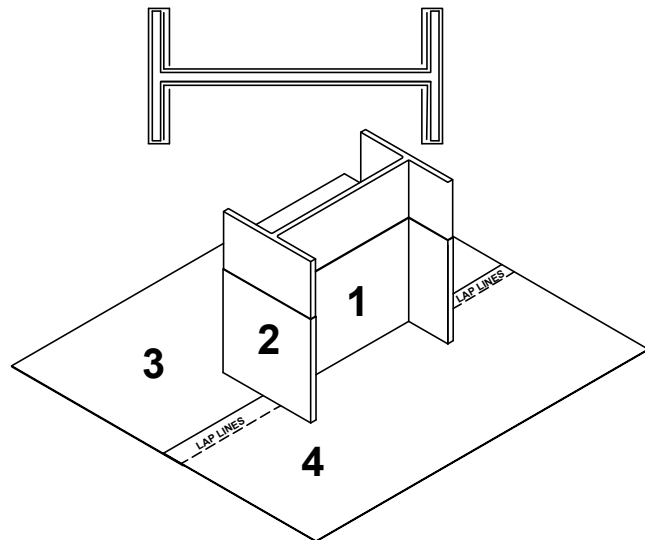
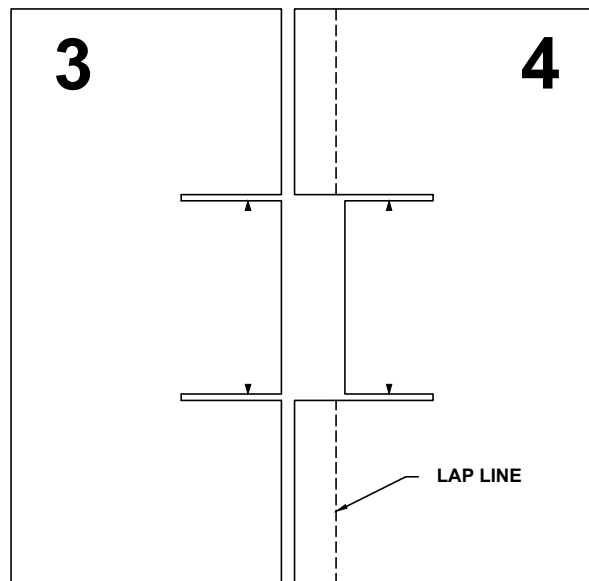
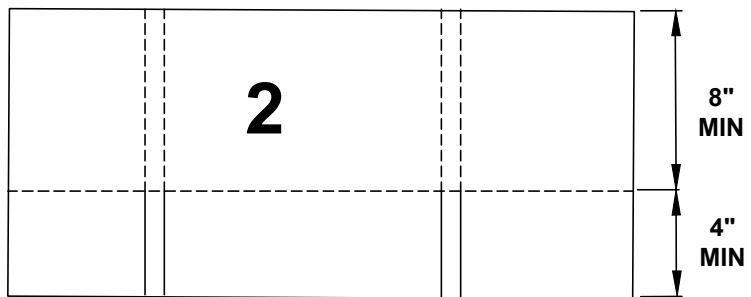
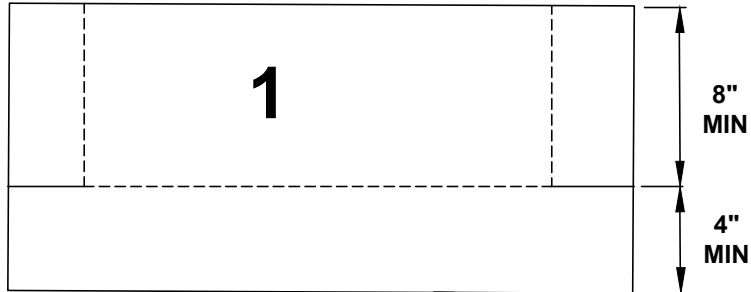
ALL EZ SEAL FLEECE SET IN A BASE COAT OF EZ SEAL NON-FIBERED PMMA RESIN; FINISH WITH A TOP COAT OF EZ SEAL NON-FIBERED PMMA RESIN; EXTEND RESIN 1/4" - 1/2" PAST FLEECE

### EZ SEAL 6

|                                                                                                      |               |                     |
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EZ SEAL 6: TYPICAL "H" AND "I" BEAM PENETRATION FLASHING

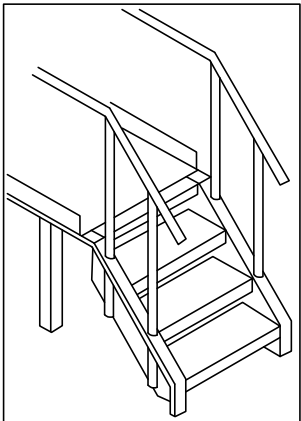
## TYPICAL "H" AND "I" BEAM PENETRATION FLASHING



**EZ SEAL 6A**

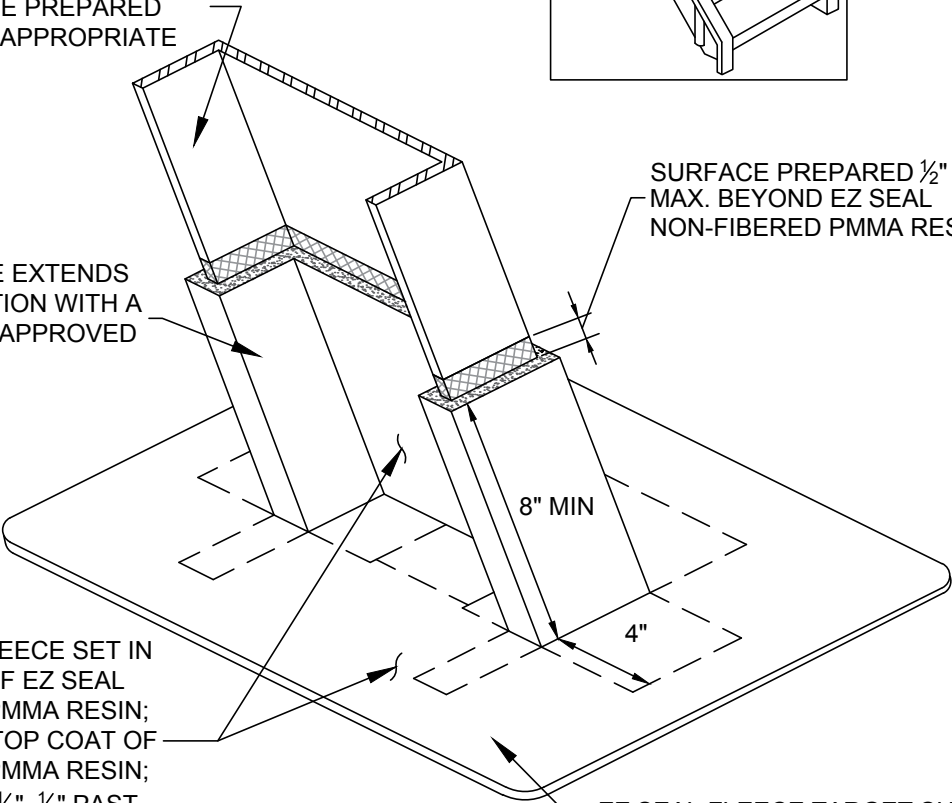
ANGLED PENETRATION FLASHING

CLEAN AND ABRABE, REMOVING ALL FOREIGN MATTER; WIPE W/ ACETONE; PRIME PREPARED SURFACE WITH APPROPRIATE PRIMER



EZ SEAL FLEECE EXTENDS 8" UP PENETRATION WITH A 2" LAP; 4" ONTO APPROVED SUBSTRATE

SURFACE PREPARED 1/2" MAX. BEYOND EZ SEAL NON-FIBERED PMMA RESIN



ALL EZ SEAL FLEECE SET IN A BASE COAT OF EZ SEAL NON-FIBERED PMMA RESIN; FINISH WITH A TOP COAT OF NON-FIBERED PMMA RESIN; EXTEND RESIN 1/4"- 1/2" PAST FLEECE

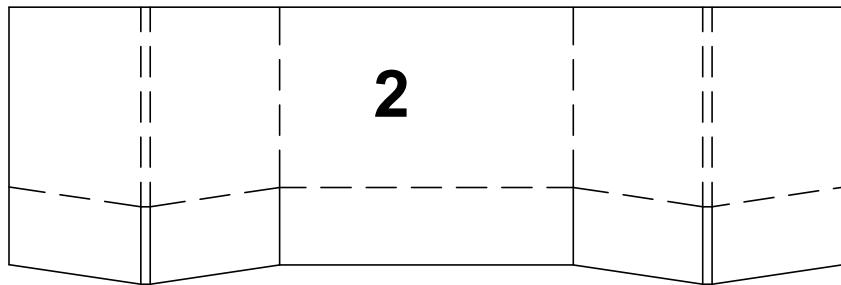
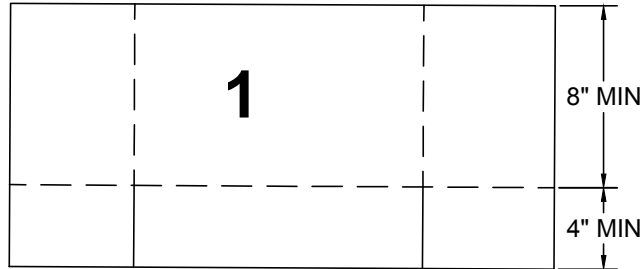
EZ SEAL FLEECE TARGET SHEET EXTENDS 6" FROM PENETRATION

EZ SEAL 7

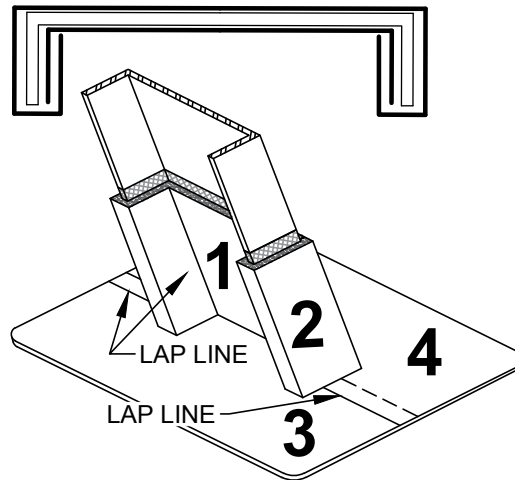
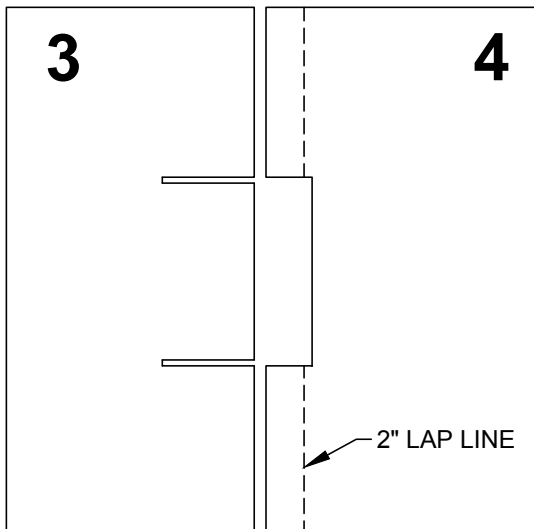
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| Rev. 3/18                                                                           | OWNER:        | SUBMITTAL NO. :     |

EZ SEAL 7: ANGLED PENETRATION FLASHING

## ANGLED PENETRATION FLASHING



EZ SEAL FLEECE CUT TO MATCH SUBSTRATE/PENETRATION ANGLE



ALL FLEECE-TO-FLEECE LAPS REQUIRE ADDITIONAL EZ SEAL NON-FIBERED  
PMMA RESIN BASE COAT BETWEEN FLEECE LAYERS

**EZ SEAL 7A**