

# Technical Information Sheet



## UltraPly™ TPO Penetration Pocket Kit

Item Description	Item Number
White	W56TPO301L
Tan	W56TPO01L
Gray	W56TPOG01L

### Description

The Elevate UltraPly TPO Penetration Pocket Kit is designed for use with Elevate UltraPly TPO systems to seal around odd shaped penetrations or a small cluster of penetrations. The UltraPly TPO Penetration Pocket fits penetrations up to 3 1/2" (90 mm) in diameter.

### Method of Application

1. Remove existing flashing materials, rust, dirt, etc. from penetrations and penetration pocket area prior to installing the TPO Penetration Pocket.
2. Seal around the penetration prior to installation to prevent Pourable Sealer from flowing into the roof system and possibly into the building.
3. Open the PVC ring and place around the penetration.
4. Install the TPO Penetration Pocket over the PVC ring so that the ring fits completely inside the top overhang of the pocket. The TPO Penetration Pocket may be cut to place around the penetrating obstacle. Place the cut on the downward slope side of the penetration.
5. If penetration pocket was cut in the previous step, cover the cut area with a piece of UltraPly TPO Unsupported Flashing. Weld the TPO Unsupported Flashing patch in place to completely cover the cut in the penetration pocket flange, the vertical cut in the pocket and the lip inside the cavity.
6. Center the TPO Penetration Pocket over the penetration then weld the flange to the roofing membrane. Weld the flashing patch onto the flange and membrane, if installed in the previous step. Weld and crease the flange step-off thoroughly.
7. After the welded seams cool, apply Elevate Single-Ply LVOC Primer to all surfaces that the Pourable Sealer will contact, including the inside of the penetration pocket, the lip of the pocket and the penetration(s). Ensure that the top lip of the TPO Penetration Pocket is primed.
8. Allow the primer to dry, then add Elevate Pourable Sealer to fill the pocket completely. Carefully allow the Pourable Sealer to form a mound from the penetration to the top of the pocket to shed water away from the penetration and over the outside of the pocket.

## Storage

- Store in original unopened cartons at temperatures between 60 °F (16 °C) and 80 °F (27 °C) indoors.
- When exposed to lower temperatures, restore to room temperature prior to use.
- Keep the material out of direct sunlight.

## Shelf Life

The shelf life of the included Elevate Primer is twelve (12) months, if stored in original unopened container at temperatures between 60 °F (16 °C) and 80 °F (27 °C) indoors. Shelf life will be shortened if exposed to elevated temperatures.

## Precautions

- Refer to Safety Data Sheet (SDS) for the TPO Penetration Pocket Kit and for the Elevate Primer for additional precautionary data.
- Do not thin the Primer.
- Primer is flammable.
- Keep away from fires (open flame) and other possible ignition sources during storage and use.
- For professional use only.
- Use only in well ventilated areas.
- Stir the primer thoroughly before and during use.

## LEED® Information

Post-Consumer Recycled Content: 0%

Post Industrial Recycled Content: 0%

Manufacturing Location: Wellford, SC

NOTE: LEED® is a registered trademark of the U.S. Green Building Council

Product Data	
<b>TPO Penetration Pocket</b>	
Material	Thermoplastic Polyolefin (TPO)
Colors	White, Tan, Gray
Size	12.1" (307 mm) flange diameter; 6" (152 mm) inside diameter; 0.045" (1.14 mm) min. thickness
Coverage	Fits up to 3½" (89 mm) diameter penetration or penetration cluster

<b>Product Data (Continued)</b>	
<b>PVC Ring</b>	
Material	PVC
Color	White
Shape	Round, pre-cut in one piece
Inside Diameter	6" (152 mm)
Wall Thickness	0.32" (8 mm)
Height	2" (51 mm)
<b>Stir Stick (For Pourable Sealer)</b>	
Material	Plastic
Size	1 1/2" (38 mm) wide paddle, with 3/4" (19 mm) by 3/4" (19 mm) handle, by 15" (381 mm) overall length
<b>Elevate Single-Ply LVOC Primer</b>	
Base	Synthetic Rubber Polymers
Viscosity	Thin, free flowing
Solvents	Light Aliphatic Solvent Naphtha, Aromatic Hydrocarbon Solvents

<b>Product Packaging</b>	
Each Carton Contains	6 TPO Penetration Pockets 6 PVC Rings 1 Can of Elevate Single-Ply LVOC Primer – 4 fl oz (118 mL) and 2 Heavy Duty Stir Sticks
Weight Per Carton	7 lb (3.2 kg)
NOTE: Elevate Pourable Sealer is not packaged with the kit but must be used to complete the installation.	

Please contact Holcim Technical Services at 800-428-4511 for further information.

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