

Technical Information Sheet



ULTRAPLY™ TPO PENETRATION POCKET

Item Description	Item Number
White	W56TPO301N
Tan	W56TPOLT01N
Gray	W56TPOG01N

DESCRIPTION

The Elevate UltraPly TPO Penetration Pocket 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 ½" (90 mm) in diameter.

NOTE: Primer and pourable sealer must be ordered separately.

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.

PRECAUTIONS

- Refer to Safety Data Sheet (SDS) for the TPO Penetration Pocket for additional precautionary data.
- 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	
TPO Penetration Pocket	
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 3 ½" (89 mm) diameter penetration or penetration cluster
PVC Ring	
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)
PRODUCT PACKAGING	
Each Carton Contains	6 TPO Penetration Pockets 6 PVC Rings 2 Heavy Duty Stir Sticks
Weight Per Carton	7 lb (3.2 kg)
NOTE: Elevate Pourable Sealer is not packaged with the penetration pocket but must be used to complete the installation	

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