

TECHNICAL INFORMATION SHEET

UltraPly™ TPO Penetration Pocket Kit



Item Description

White
Tan
Gray

Item Number

W56TPO301L
W56TPOT01L
W56TPOG01L

Product Information

Description:

The Firestone UltraPly TPO Penetration Pocket Kit is designed for use with Firestone UltraPly TPO systems to seal around odd shaped penetrations or a small cluster of penetrations. The UltraPly TPO Penetration Pocket fits penetrations up to 3½" (90 mm) in diameter.

Product Packaging

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| Each Carton Contains | 6 TPO Penetration Pockets 6 PVC Rings 1 Can of TPO Primer – 4 fl oz (118 mL) 2 Heavy Duty Stir Sticks |
| Weight Per Carton | 7 lb (3.2 kg) |
| NOTE: Firestone Pourable Sealer is not packaged with the kit but must be used to complete the installation. | |

Method of Application:

1. Remove existing flashing materials, rust, dirt, etc. from penetration 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 in order to place around the penetrating obstacle. Place the cut on the downward slope side of the penetration.
5. If penetration pocket is cut in the previous step, cover the cut area with a piece of UltraPly TPO Unsupported Flashing. Weld the 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, and weld the flange to the roofing membrane. If needed, weld the flashing patch onto the flange and membrane. Weld and roll the flange step-off thoroughly.
7. After the welded seams cool, apply the Firestone 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 of the TPO Penetration Pocket is primed.
8. Allow the primer to dry, then mix and add 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.

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:

Shelf life of the Firestone 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.

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Precautions:

- Refer to Safety Data Sheet (SDS) for the TPO Penetration Pocket Kit and for the Firestone Primer for additional precautionary data.
- Do not thin the Primer.
- The 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%
 Pre Consumer Recycled Content: 0%
 Manufacturing Location: Wellford, SC
 *NOTE: LEED® is a registered trademark of the U.S. Green Building Council.

Product Data

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|----------------------------------|---|
| TPO Penetration Pocket | |
| <i>Material:</i> | Thermoplastic Polyolefin (TPO) |
| <i>Colors:</i> | White, Tan, Gray |
| <i>Size:</i> | 12.1" (307 mm) flange diameter; 6" (152 mm) inside diameter; 0.045" (1.14 mm) minimum thickness |
| <i>Coverage:</i> | Fits up to 3½" (89 mm) diameter penetration or penetration cluster |
| PVC Ring | |
| <i>Material:</i> | PVC |
| <i>Color:</i> | White |
| <i>Shape:</i> | Round, pre-cut in one piece |
| <i>Inside Diameter:</i> | 6" (152 mm) |
| <i>Wall Thickness:</i> | 0.32" (8 mm) |
| <i>Height:</i> | 2" (51 mm) |
| Stir Stick (For Pourable Sealer) | |
| <i>Material:</i> | Plastic |
| <i>Size:</i> | 1½" (38 mm) wide paddle, with ¾" (19 mm) by ¾" (19 mm) handle, by 15" (381 mm) overall length |
| Firestone Single-Ply LVOC Primer | |
| <i>Base:</i> | Synthetic Rubber Polymers |
| <i>Viscosity:</i> | Thin, free flowing |
| <i>Solvents:</i> | Light Aliphatic Solvent Naphtha, Aromatic Hydrocarbon Solvents |

Please contact Firestone Technical Services Department at 1-800-428-4511 for further information.

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