

LEXCAN

# HI-TUFF TPO

## Molded Sealant Pockets

### DESCRIPTION & USE

Hi-Tuff TPO Molded Sealant Pockets are two part, interlocking, pre-molded pocket flashings. Pockets can be adjusted from 11.5" to 7.5" in length by following the cutting lines molded into the pocket. Use with Lexcan Thermoplastic One-Part or Lexcan Pourable Sealer.

Hi-Tuff TPO Molded Sealant Pockets are used to seal pipe clusters or irregularly shaped protrusions through Hi-Tuff TPO Membrane roofs.

### FEATURES & BENEFITS

- More professional and consistent appearance than field fabricating a sealant pocket from coated metal or other material
- Provides substantial labour savings compared to field fabricating a sealant pocket from coated metal or other material

### TECHNICAL DATA

Physical Properties	
<b>Size:</b>	29 cm - 19 cm by 15 cm oval (11.5" x 7.5" by 6" oval)
<b>Packaging:</b>	5 pockets / carton
<b>Weight (each):</b>	0.34 kg (0.75 lbs)
<b>Material:</b>	Non-reinforced TPO
<b>Colour:</b>	White, Grey, Tan

### CAUTIONS & LIMITATIONS

- Do not use Hi-Tuff Molded Sealant Pockets on any pipe penetrations that exceed 71°C (160°F)
- The walls of the sealant pocket must be a minimum of one-inch from any penetration (multiple penetrations within a pocket shall also have a minimum of 1" clearance).
- Molded TPO Sealant Pockets that have been exposed to the weather for 7 days or longer must be cleaned with Lexcan Weathered Membrane Cleaner prior to hot air welding.

### INSTALLATION INSTRUCTIONS

1. Thoroughly clean Hi-Tuff TPO Molded Sealant Pockets and adjacent field membrane with Hi-Tuff TPO Weathered Membrane Cleaner
2. Install HI-TUFF TPO Molded Sealant Pocket around penetration(s), and overlap as indicated.
3. Cut a piece of cardboard (4" x 4") and place between the overlapping area of the pocket and field sheet membrane. The cardboard prevents the pocket from welding to the membrane when first welding the overlaps. Weld overlaps first, ensuring that the bottom flange is separated from the field sheet.



1. Overlay cut in TPO Membrane



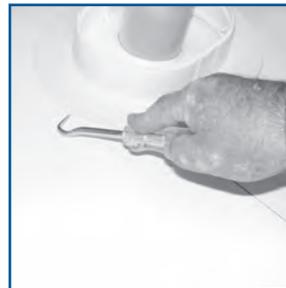
2. Ensure proper fit of 2 piece TPO Molded Sealant Pocket



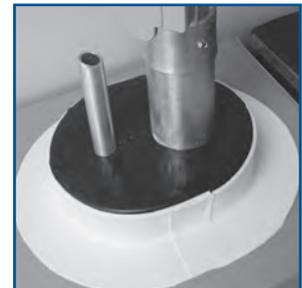
3. Heat weld vertical &amp; horizontal seams first



4. Heat weld 2 piece TPO Molded Sealant Pocket to TPO Membrane



5. Probe all seams



6. LEXCAN 2 part HI-TUFF TPO Molded Sealant Pocket

4. Weld the transition in the overlap area using a hand welder set between 5 and 6.

5. Weld the remaining flange area of the overlap.

6. Lastly, heat weld assembled Hi-Tuff TPO Molded Sealant Pocket to the field membrane.

7. Prior to the installation of the Pourable Sealer or Sealant Pocket Filler, prime the inside of the pocket with Lexcan Hi-Tuff TPO Primer.

8. Fill all voids between the penetration(s) and the substrate to ensure that the filler material does not flow through.