

LEXCAN

HI-TUFF TPO

Stripbond II™

DESCRIPTION & USE

HI-TUFF TPO Stripbond II is a nominal 1.14 mm (45 mil) thick reinforced TPO membrane strip with a nominal 0.89 mm (35 mil) thick cured TPO splice tape adhesive laminated along one or both edges. The reinforced TPO membrane is either 150 mm (6") or 250 mm (10") wide while the adhesive strips are 75 mm (3") wide.

Six-inch Stripbond II has the splice tape pre-applied along one edge, while the **ten-inch** has splice tape applied along both edges. Both products are installed below the field sheet membrane and provide securement without penetrating the sheet.

Ten-inch HI-TUFF TPO Stripbond II can be used in place of narrow width sheets to secure membrane in the perimeter of the roof. **Six-inch** is used to secure membrane at the base of a vertical wall eliminating the need to use a separate wall flashing.

FEATURES & BENEFITS

- Reduces fastening through sheet
- Ideal for perimeter securement enhancement
- Ideal for securement around penetrations

TECHNICAL DATA

Properties and Characteristics	6" HI-TUFF TPO Stripbond II	10" HI-TUFF TPO Stripbond II
Base	Membrane - TPO (Polyester Reinforced) Adhesive - Synthetic Rubber	Membrane - TPO (Polyester Reinforced) Adhesive - Synthetic Rubber
Roll Size	6" x 100'	10" x 100'
Thickness Membrane Tape Adhesive	1.14 mm (45 mil) 0.89 mm (35 mil)	1.14 mm (45 mil) 0.89 mm (35 mil)
Packaging	200 lf./ctn (60m) 2 rolls	100 lf./ctn (30m) 1 roll
Net Weight per Carton	40 lbs. (18.1 kg)	32 lbs. (14.5 kg)
Shelf Life	1 Year	1 Year

CAUTIONS & LIMITATIONS

- Prolonged job site storage temperatures in excess of 32 °C (90 °F) may affect product shelf life.
- Storage and use of HI-TUFF TPO Stripbond II at temperatures below 4 °C (40 °F) will result in a loss of adhesive tack, and in extreme cases, will result in no bond to the substrate. If this situation is encountered, remove HI-TUFF TPO Stripbond II to a warm area and allow it to return to a minimum of 15°C (60°F).



- HI-TUFF TPO Stripbond II must be stored in a dry area.
- Due to solvent flash-off, condensation may form on freshly applied primer when the ambient temperature is near the dew point. If condensation develops, the application of primer and installation of HI-TUFF TPO Stripbond II must be discontinued, as proper adhesion will not be achieved. Allow the primer surface to dry and apply a thin freshener coat of primer to the previously coated surface when conditions allow.
- See MSDS for complete safety information before using product.

APPLICATION INSTRUCTIONS

Parapet Wall (6" Stripbond II):

1. Unroll and position HI-TUFF TPO 6-Inch Stripbond II horizontally at the base of a parapet wall or curb. Locate the tab with fastener markings toward the wall and the pre-applied tape toward the field of the roof facing upwards.
2. Position Seam Fastening Plates 3 to 19 mm (1/8" to 3/4") from the angle change, 300 mm (12") on center maximum and secure with Lexgrip™ fasteners. Do not fasten plates over top of release liner, as this will cause liner to tear when removed.
3. Remove any dirt or dust resulting from plate installation. Any residual dust/dirt will be detrimental to the bond strength of the tape adhesive.
4. Position field sheet membrane and thoroughly clean the underside of the field sheet membrane using Weathered Membrane Cleaner if necessary (the entire surface of the membrane where the tape is to contact must be clean. The adhesive on the HI-TUFF TPO 6-Inch Stripbond II will not adhere to dusted/dirty surfaces).

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5. Roller/brush apply Hi-Tuff TPO Primer to the underside of the field sheet membrane in the area that will come in contact with the 3" wide tape. The properly primed area will be uniform in colour without streaks and free from globs or puddles.
6. Remove the release liner from the adhesive tape on the HI-TUFF TPO 6-Inch Stripbond II pulling it parallel to the roof deck.
7. Roll the field sheet membrane onto the exposed adhesive tape and apply hand pressure to the splice area.
8. Pull the membrane back to expose the unadhered portion of the HI-TUFF TPO 6-Inch Stripbond II. Apply Hi-Tuff TPO Bonding Adhesive to the underside of the field sheet membrane, exposed HI-TUFF TPO 6-Inch Stripbond II and parapet wall.
9. Once the adhesive has dried, roll membrane to the angle change and crease (take extra care in creasing TPO membrane into the angle change to achieve desirable appearance). Roll the membrane up the wall and hand roll for 100% adhesion.
10. Roll the entire 150 mm (6") width of the HI-TUFF TPO 6-Inch Stripbond II splice area with a 50 mm (2") wide roller using positive pressure.
11. To achieve proper adhesion of the HI-TUFF TPO 6-Inch Stripbond II when job site temperatures fall below 5°C (40°F), heat the cleaned, primed area with a hot air gun as the membrane is applied and pressed into place.

10" Stripbond II:

1. Unroll and position HI-TUFF TPO 10-Inch Stripbond II over the insulation substrate where membrane securement is desired. Locate the the fastener markings and tape facing upwards.
2. Position Seam Fastening Plates 300 mm (12") on center maximum and secure with Lexgrip™ fasteners. Do not fasten plates over top of release liner, as this will cause liner to tear when removed.
3. Remove any dirt or dust resulting from plate installation. Any residual dust/dirt will be detrimental to the bond strength of the tape adhesive.
4. Position field sheet membrane and thoroughly clean the tape contact area using Weathered Membrane Cleaner if necessary (the entire membrane surface where the tape is to contact must be clean. The adhesive on the HI-TUFF TPO 10-Inch Stripbond II will not adhere to dusted/dirty surfaces).



5. Roller/brush apply Hi-Tuff TPO Primer to the underside of the field sheet membrane in the area that will come in contact with the 3" wide tape. The properly primed area will be uniform in colour without streaks and free from globs or puddles.
6. Remove the release liner from the tape on the HI-TUFF TPO 10-Inch Stripbond II pulling it parallel to the roof deck.
7. Once the primer has dried to the touch, roll the field sheet membrane onto the exposed tape and apply hand pressure to the splice area.
8. Roll the entire 250 mm (10") width of the HI-TUFF TPO 10-Inch Stripbond II splice area with a 50 mm (2") wide roller using positive pressure.
9. To achieve proper adhesion of the HI-TUFF TPO 10-Inch Stripbond II when job site temperatures fall below 5°C (40°F), heat the cleaned/primed area of the membrane with a hot air gun as it is applied and pressed into the tape.