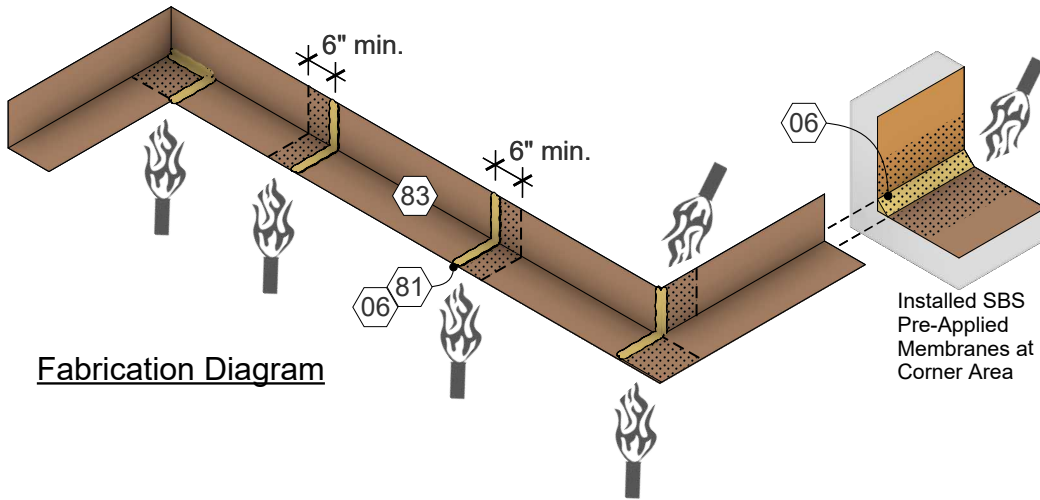


Cut-and-Fold Diagram



Fabrication Diagram

Keynote Reference Summary

- <06> Siplast PS-715 NS Elastomeric Sealant
- <81> Siplast TeraPROOF STP Liquid Membrane
- <83> Siplast TeraPROOF Pre-Applied H-SBS Membrane

Refer to TeraPROOF Installer's Guide for detailed instructions regarding the specific products, personal protection, storage, handling, relevant codes, installation tools, substrate preparation, and general application guidelines. Coordinate installation of Siplast TeraPROOF products with the adjoining and subsequent trades to ensure compatibility and continuity with the roofing, waterproofing, and above-grade facade systems.

1. When changing planes at all corners, continue overlapping the Siplast TeraPROOF SBS Pre-Applied membrane at least 6 inches beyond the corner in both directions.
2. Pre-cut and form inside and outside corners reinforcement using <83> **Siplast TeraPROOF Pre-Applied H-SBS Membrane** as applicable:

Horizontal to Vertical - Inside Corner Fabrication

- a. Cut a 20 inch wide x 39 inch (minimum) long piece of <83> **Siplast TeraPROOF Pre-Applied H-SBS Membrane**.
- b. Fold the membrane in both the long and short directions evenly at the centerline to create the membrane.
- c. At the center of the short direction crease, make a 10 inch cut along the crease up from the bottom of the membrane stopping the cut at the center horizontal crease line.
- d. Fold the membrane at 90 degrees in both the long and short direction crease to create the inside corner, allowing the bottom legs to overlap into the corner area at the cut.

Horizontal to Vertical - Outside Corner Fabrication

- a. Cut two (left and right side) pieces 20 inch wide x 39 inch (minimum) long of <83> **Siplast TeraPROOF Pre-Applied H-SBS Membrane**.
- b. Fold both membranes in the long direction evenly at the centerline to create the membrane.
- c. Left Side Piece: Along the centerline crease from the right side, make a 10 inch long cut.
Right Side Piece: Along the centerline crease from the left side, make a 10 inch long cut.
- d. Perpendicular to the crease and from the end of the 10-inch cut, cut from the top of the membrane to remove a 10 inch x 10 inch corner out of the upper left area of the piece.
- e. Fold the membrane at 90 degrees in the long direction crease.
- f. Align the end of the horizontal cut lines (10 inches from each outer edge) of both membranes at the outside corner area to combine both pieces to form an outside corner, allowing the bottom legs to overlap.
- f. Fold the loose vertical flap on the left side piece around the corner to complete the folding.

Vertical to Vertical - Inside and Outside Corner Fabrication

- a. Cut 20-inch wide strips of <83> **Siplast TeraPROOF Pre-Applied H-SBS Membrane**.
- b. Fold the corner reinforcement in the long direction evenly at the centerline to create the membrane.

3. Apply the formed corner reinforcement membrane pieces to the corner areas, overlapping 10 inches minimum in each direction onto the installed membrane areas. Each piece of corner reinforcement membranes must overlap the adjacent piece of reinforcement a minimum of 6 inches.

NOTE for All Inside Corner Applications:

For inside corner areas ensure there is no void behind the membrane into the corner, to remove a void, an optional ¼ inch cant bead of <06> Siplast PS-715 NS Elastomeric Sealant or a compatible approved sealant can be in the corner of the lapped membranes. The cant bead is optional provided both the vertical and horizontal corner reinforcement membranes are at least 6 inches beyond the corner in both directions and the corner reinforcement pieces can be applied without a void beneath, as shown in Detail 00b Pre-Applied SBS - Application Overview.

4. Ensure the corner reinforcement membranes are heat welded for the entire overlap area to the layer below leaving a minimum 1/8" bleed out onto the adjacent membrane, using a trowel, weighted roller, or spatula tool.
5. After heat welding for fabricated inside and outside corner pieces, apply a ½ inch bead of <81> **Siplast TeraPROOF STP Liquid Membrane** along each cut edge and lapped joint of the corner reinforcement <83> **Siplast TeraPROOF Pre-Applied H-SBS Membrane**.