

## Get the Royal Edge Advantage with RPI



### Re-Flex TPO HW Inside/Outside Corner

#### RPI RE-FLEX TPO

#### DESCRIPTION

The RPI Re-Flex TPO HW Inside/Outside Corner is a nominal 60 mil, non-reinforced, pre-molded TPO membrane designed as a to be part of a fully adhered or mechanically attached Re-Flex TPO installation. The design allows the option of installing the corner as a heat weldable inside or outside corner flashing.

#### THE RPI ROYAL EDGE ADVANTAGE

Faster installation with more consistent appearance when compared to field fabricated corners.

Unique 6" wide base flange design reduces the need for T- Joint covers when installed as an outside corner.

May be warmed for easier application during cold weather applications.

Excellent choice for installation on new construction projects long term performance.

#### APPLICATION INSTRUCTIONS

RPI Re-Flex TPO Inside/Outside Corners are designed to be installed as part of a fully adhered or mechanically attached TPO installation when using heat welders. Refer to the RPI Specification Manual, Re-Flex TPO HW Details, or the RPI Application Handbook for complete installation information.

Determine which installation profile is required and use the molded cutting lines on the flashing to cut the flashing into an inside or outside corner. (See diagram)

All membranes and substrates must be clean, dry, and free of dirt, dust, and oils. Before installing over existing or weathered field membrane, clean all areas to be welded with RPI Membrane Cleaner.

#### Outside Corner

1. Place the outside corner into position at the corner angle change so that the corner is centered and extends both up the vertical surface and onto the field membrane surface.

IMPORTANT: Test the welder heat setting. A lower temperature may be used when welding un-reinforced TPO membrane.

2. To maintain the OC position, tack weld the center of the corner then, beginning at the angle change, weld the vertical areas of the corner. After both vertical surfaces are completely welded, begin welding the horizontal surfaces.

3. When welding the corner into place, use the hand rollers edge to roll , any membrane "step-off" areas to ensure a complete, permanent watertight seal.



4. Using a 2" steel or hypalon hand roller, roll the entire flashing from the middle of the flashing to the edges.
5. After the flashing has completely cooled, probe all flashing edges to ensure a watertight performance.

#### Inside Corner

1. Place the inside corner into position at the inside angle change so that the corner is centered and extends both up the vertical surface and onto the field membrane surface.

IMPORTANT: Test the welder heat setting. A lower temperature may be used when welding un-reinforced TPO membrane.

2. To maintain the Inside Corner position, tack weld the center of the corner. Then beginning at the angle change, weld the vertical areas of the corner.
3. After both vertical surfaces are completely welded, begin welding the horizontal surface by starting at the center, welding towards the edges.
4. When welding the corner into place, use the hand rollers edge to roll , any membrane "step-off" areas to ensure a complete, permanent watertight seal.
5. Using a 2" steel or hypalon hand roller, roll the entire flashing from the middle of the flashing to the edges.
6. After the flashing has completely cooled, probe all flashing edges to ensure a watertight performance.

#### STORAGE

Store Re-Flex TPO Inside/Outside Corners in a cool, dry, shaded area. Do not allow corners to become wet during storage. Corners that are exposed to weather or moisture during storage must be cleaned with Membrane Cleaner prior to installation.

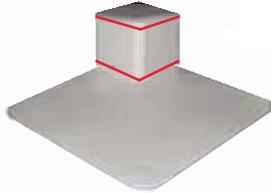
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## Re-Flex TPO HW Inside/Outside Corner

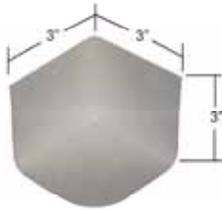
RPI RE-FLEX TPO

### Inside/Outside Corner Cut-Lines



To create an Outside corner, cut the top cut-line. Cut the bottom cut-line to create an Inside Corner.

The cut-lines and instructions are molded into the flashing.



Inside Corner



Outside Corner

### PRECAUTIONS

If the Inside/Outside Corner flashings are exposed to the weather, clean the flashings with Re-Flex Membrane Cleaner before installation. Do not allow flashings to be stored in a damp/wet environment. Storage area must be dry and well ventilated.

### Typical Properties and Characteristics

<b>Color</b>	<b>White, Grey, Tan</b>
<b>Material</b>	<b>Injection molded TPO</b>
<b>Thickness</b>	<b>060 mil</b>
<b>Packaging</b>	<b>12 per ctn.</b>

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

### LEED® Information

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
Manufacturing Location	Bloomington IL
Solar Reflectance Index	N/A