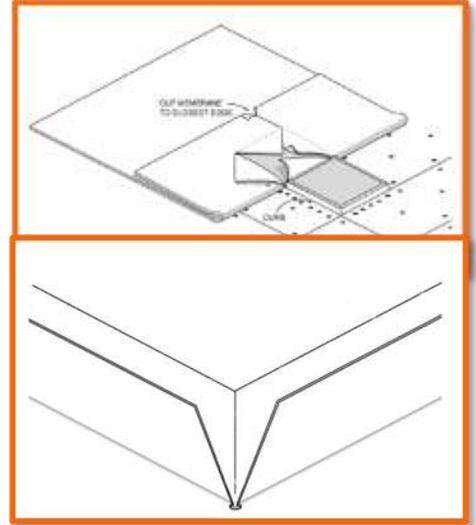


PROTRUSIONS IN THE ROOF - When laying out the membrane and a curb (chimney, skylight, etc.) is encountered unroll the folded membrane up to the curb while maintaining proper sheet alignment with walls, perimeter edges and other protrusions.

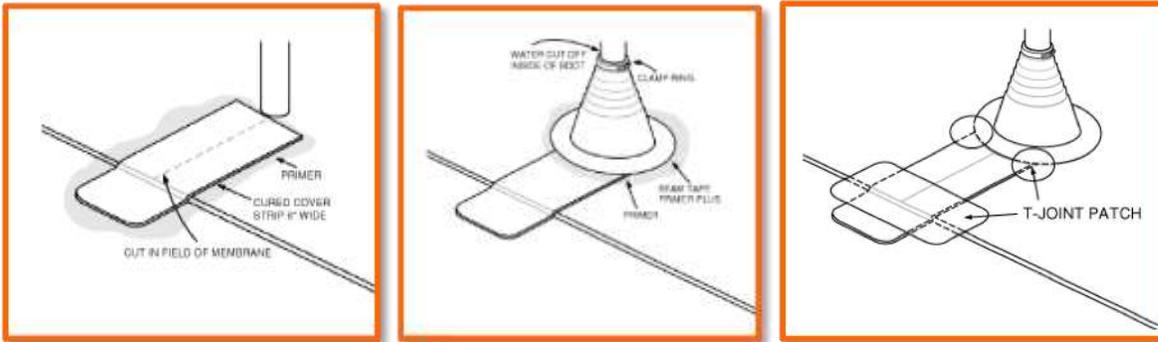
Measure the width and depth of the protrusion and transfer the corresponding dimensions onto the folded membrane. Cut diagonally from corner to corner to create an "X" inside the box. If necessary cut a straight line to the nearest edge of the membrane from one corner. Roll the membrane around the unit, leaving a triangle of membrane turning up all four (4) sides.

After all cuts are made and the membrane has been correctly positioned, fold the membrane back and begin bonding procedures. After the field membrane is complete, bond the triangles up the sides of the unit (chimney, skylight, etc.) using contact adhesive. Take care to bond the membrane into the angle change so that the membrane is completely adhered. Membrane should travel up the wall at least 150mm (6") or to the top of the opening if it is less than 150mm (6")

Follow the External Corner procedure for completing the installation (Page 10)



WATERPROOFING PIPES USING A PIPE BOOT - Where a protrusion in the roof, such as a pipe or curb opening, is encountered the membrane is cut to the nearest edge to allow easy layout of the membrane. After the membrane has been bonded into place, apply a 150mm (6") wide *Cover Tape Flashing* over the entire cut in the rubber membrane.



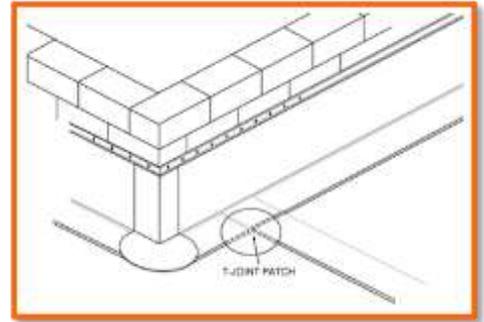
1. Select the proper size of *Multi-Diameter of Pipe Boot* and cut the pipe boot above the thick index ring. **DO NOT CUT DIAGONALLY THROUGH THE INDEX RINGS.** The pipe boot should fit snugly over the pipe.

2. Install the pipe boot over the pipe, mark around the base of the pipe boot on to the membrane. Turn the boot inside out exposing the bottom of the boot flange. Apply Rubber Primer to the marked area extending by 25mm (1") in all directions from the pipe. Pull the pipe boot down and peel off the release paper. Apply pressure with a seam roller to ensure full contact with the rubber membrane.

3. Pull the top of the pipe boot back and apply *Water Cut-Off Mastic* between the pipe and boot. Bring the boot back into position and remove any excess *Water Cut-Off Mastic*. Install a stainless steel adjustable clamp ring over the pipe boot.

4. T-JOINTS - Install T Joint at the point marked in the diagram to the right. A *T-Joint* is formed when two sheets of rubber membrane form a seam that travels under, or over, a third ply. This *T-Joint* can provide opportunity for water to seep under the membrane. To avoid problems at this area, a *T-Joint* patch should be installed as follows:

1. Prime area at least 100mm (4") in all directions from the *T-Joint*.
2. Cut a piece of *Uncured Flashing* 75mm (3") larger than the T-Joint(s) and round corners. A single *T-Joint* patch can be made large enough to accommodate more than one T-Joint if necessary
3. Remove backing, place over *T-Joint* and apply pressure with seam roller.



FABRICATED PIPE BOOT FLASHING

To fabricate a pipe boot or flashing for other non-standard penetrations follow the procedure here using 9" (225mm) uncured Flashing Tape.

In all cases rubber primer must be used prior to installation of the uncured flashing especially where the uncured flashing bonds on to itself.

