

INSTALLATION INSTRUCTIONS



Step 1

Remove all of the existing roof material and metal flashing.
Sweep all dirt and debris from the roof with the push broom.



Step 2

Inspect the roof surface for damage. Repair any damaged areas before installing the EPDM rubber membrane sheets.



Step 3

Lay insulation boards on the roof. Line the boards up flush to each other and butt the ends up together to ensure a uniform roof surface. Secure the insulation boards to the roof by attaching the insulation plates to the insulation boards. Insert galvanized screws through the insulation plates and attach the plates to the roof using the drill. Insert a plate and screw every 2 square feet of board.

Step 4

Sand any rough areas of the insulation board. Sweep all dirt and debris from the insulation board with the push broom before laying the EPDM rubber sheets.



Step 5

Roll out EPDM roofing membrane onto the roof. Overlap the side edges of each previously rolled sheet by 4 inches (0.10 Mtrs.). Overhang the edge of the roof by 3 inches (0.08 Mtrs.). Mark locations for vents & pipes access through the rubber. Allow the material to relax for 30 minutes before applying adhesive.

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Step 6

Fold the first rubber sheet back on top of itself. Apply an even layer of bonding adhesive to the deck of the roof using the extension roller. Allow the adhesive to dry for 15 minutes until it is tacky to the touch. Fold the rubber sheet back over onto the roof deck. Smooth the sheet with the roof roller. Start from the centre of the sheet and work out. Roll over the sheet with a 75 Pound (34 Kg.) roof roller to smooth out air bubbles and wrinkles.

Step 7

Fold the second half of the sheet back onto the half that was previously glued down. Repeat step 6, but leave 4 inches (0.10 Mtrs.) of the edge without glue to follow for the seam. Fold the roofing membrane back onto the roof deck. **Roll over the sheet** with the 75 pound (34 Kg.) roof roller to smooth out air bubbles and wrinkles.

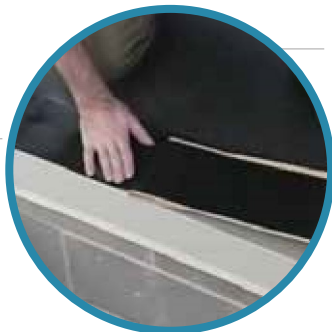


Step 8

Repeat step 6 and 7 to bond all of the roofing membrane sheets of the roof. Allow the sheets to cure for an hour. Roll over the entire roof with the roof roller to remove wrinkles and ensure an airtight seal.

Step 9

Measure 1 inch (0.025 Mtrs.) beyond the edge of the overlap of the first sheet. Fold the sheet back to expose the 4 inches (0.10 Mtrs.) of unglued rubber. Use a paint brush to apply seam primer to the 4 inch (0.10 Mtrs.) section and to the area on the sheet that it will mate with.



Step 10

Attach the roof tape to the first sheet with the adhesive side down, facing the base sheet. Roll over the tape with the seam roller. Fold the overlapping sheet back down the base sheet. Slowly pill the backing from the tape at a 45-degree angle while simultaneously pressing the top rubber sheet down into the tape. Roll the seam roller over the taped seam to bond it.

Step 11

Repeat Step 9 and 10 until every seam has been bonded and secured.