



EPDM

INSTALLATION GUIDE

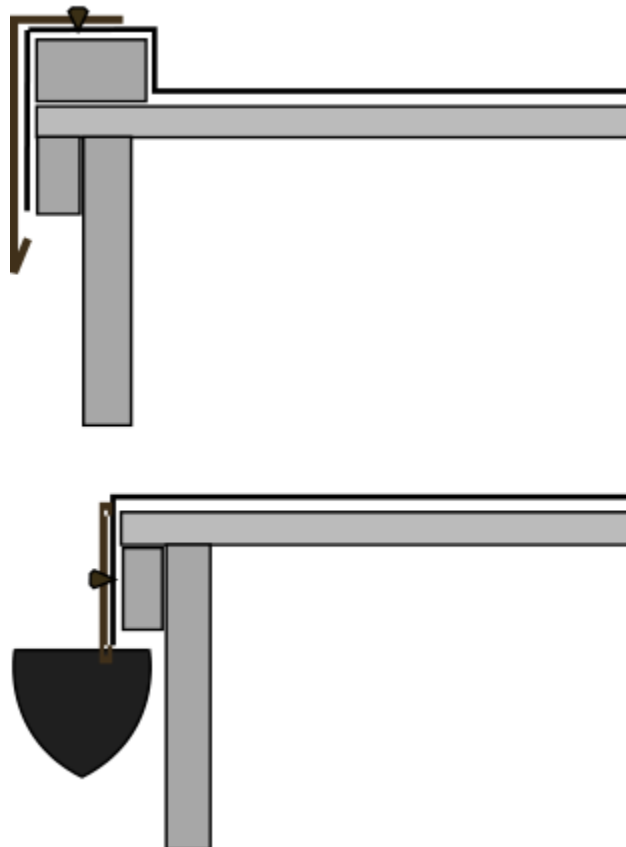
Adhered application

- Unfold the EPDM membrane and position it onto the roof as it is to be fixed.
- Weight the membrane down and allow to relax for 30 minutes to eliminate any stretching and tension that may have occurred whilst folded during transportation.
- Using the centre of the roof as a datum fold or roll the sheet and expose the substrate ready to receive the adhesive.
- Apply the central bonding adhesive evenly to the roof surface using a rubber bladed squeegee or similar to ensure complete substrate coverage.
Allow approximately 5 - 10 minutes before rolling the membrane into the adhesive, this will allow the solvents in the adhesive to flash off.
- Smooth the membrane into the adhesive using a soft broom or similar.
- Leave at least 150 mm around perimeters for application of contact adhesive.
- Apply contact adhesive to both the substrate and EPDM membrane surfaces of all the perimeters of the horizontal surfaces at all edges including skylights, pipes etc. Ensure both surfaces are touch dry before compressing together.

Adhered application {cont}

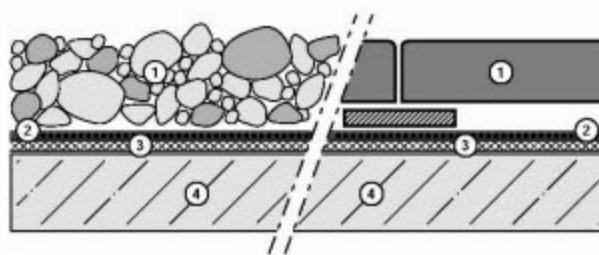
- Adhere all vertical upstand surfaces in the same procedure.
- Fit perimeter trims

METAL OR PVC TRIMS



Ballasted application

- Unfold the EPDM membrane and position it onto the roof as it is to be fixed.
- Weight the membrane down and allow to relax for 30 minutes to eliminate any stretching and tension that may have occurred whilst folded during transportation.
- Apply contact adhesive to both the substrate and EPDM membrane surfaces to at least 150 mm of all the perimeters of the horizontal surfaces and to all edges including skylights, pipes, upstands etc. Ensure both surfaces are touch dry before compressing together.
- Adhere all vertical upstand surfaces in the same procedure.
- Cover the central areas of the EPDM membrane with 20 mm washed river gravel, concrete paving or similar.
- Fit perimeter trims as required.



- 1) 20MM washed river gravel/concrete paving ballast
- 2) EPDM membrane
- 3) Protective fleece (if required)
- 4) Roof Decking

Jointing

- Overlap membranes by a minimum of 100mm.
- Peel back the top layer of the EPDM membrane and apply contact adhesive a minimum of 80mm to both layers of EPDM membrane leaving a 20mm gap.
- Allow the adhesive to completely dry on both sides {touch dry} then place both membranes together and compress.
- Apply EPDM sealant into the 20mm flap, compress and neatly remove excess.

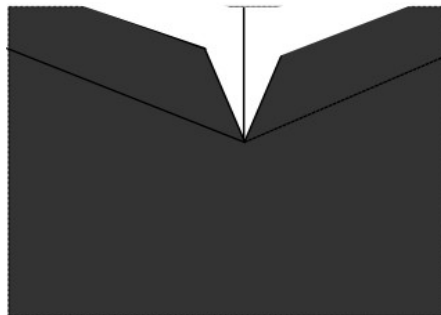
Internal corners

- Cut out the excess EPDM membrane and adhere remaining membrane to the wall or upstand corner using contact adhesive.
- Install pre-formed EPDM internal corner using contact adhesive and EPDM sealant.



Installation of external corner

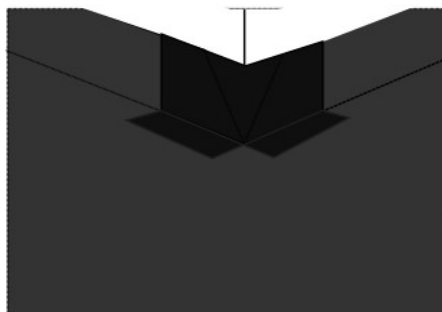
- Cut the EPDM membrane at 45 degrees so the gap at the top edge from building corner to membrane is equal.



- Cut a piece of EPDM large enough to go 100mm past the top edges of the cut membrane and 100mm onto the horizontal surface. Make a cut 100mm in as shown.

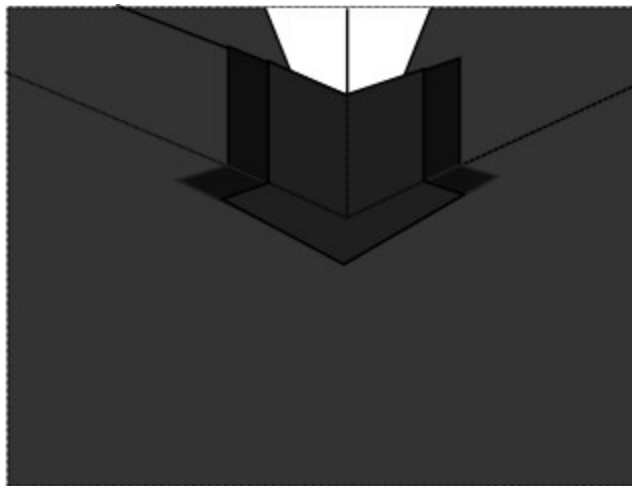


- Adhere in place as shown using contact adhesive, leaving a 20mm gap around the edge for EPDM sealant.



Installation of external corner {cont}

- Adhere the pre-fabricated corner as shown using contact adhesive, finishing the edges of the detail with 20mm of EPDM sealant.



- Completed corner.



Pipe protrusions

- Cut a hole in the membrane 2/3 diameter of the pipe.



- Stretch the EPDM membrane over the pipe and adhere with contact adhesive.

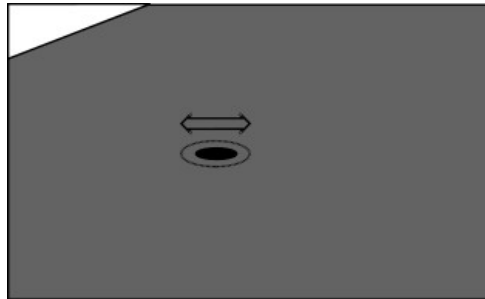


- Cut pre-formed EPDM pipe cover to desired size, pull over the pipe protrusions and adhere to the main EPDM membrane with contact adhesive and EPDM sealant.

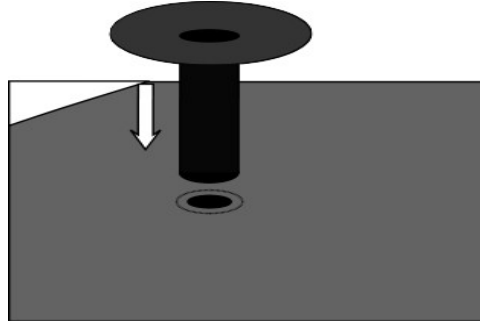


Installation of roof drains

- Cut a hole in the membrane 1/3 diameter of the outlet.



- Install appropriate sized roof drain with EPDM flange using contact adhesive.



- Complete the installation with EPDM sealant.

