3.11 Membrane Repair

**Applicability**
Repair of cuts and punctures in the EPDM membrane, contamination of the membrane with hazardous products or wrinkles within 450 mm of a splice.

**Installation Instructions**
Mark the damaged area with a white crayon for rubber, as soon as identified during the installation. The repair must extend a minimum of 75 mm beyond the perimeters of the damaged area in all directions. Round all corners of the repair piece. Pinholes (< 50 mm) in the membrane may be repaired with a cover piece of QuickSeam FormFlash.

![Fig 3.11.1](image)

Cuts and punctures in the EPDM membrane should be repaired with cured membrane. Round all edges of the cut so that it cannot propagate underneath the target piece. If this has been done properly, the target EPDM repair piece can be applied using QuickSeam Tape and QuickPrime Plus. A valid alternative is to fully adhere a piece of QuickSeam SA Flashing using QuickPrime Plus.

When repairing a membrane that has been in service for some time, it is necessary to prepare the surface to be spliced thoroughly prior to starting the splicing operation. Scrub the surface first with a scrubbing brush and warm soapy water, rinse with clean water and dry the surface with clean cotton cloths.

Additional cleaning may be required at heavily contaminated locations. Membrane that has been in contact with hazardous chemical discharges such as fresh bitumen, petroleum products, greases, oils, animal fats, oil based, coal tar based or plastic roof cements needs to be inspected for damage. Remove immediately all excess of the contamination materials and replace the damaged area with a new piece of membrane.
Wrinkles running toward or in a splice or within 450 mm of a splice must be cut out and repaired with a covering piece of cured EPDM membrane without factory seams. Provide a splice that extends a minimum of 75 mm beyond the perimeter of the cut in all directions. Use scissors to cut the wrinkles away, laying them flat on the membrane. Adhere the loose parts of the membrane with QuickPrime Plus and use small silicone rubber roller to roll the edges flat. Clean the area around the cut and repair with a patch of cured membrane.