

Cortex EPDM & FR System Penetration Sealing Guidelines

Each application and scenario to be sealed will be different, so care needs to be taken to ensure the procedure is carried out correctly.

If possible, assessing where potential fixings/penetrations will occur before the membranes are installed is advised to ensure paste adhesive is applied around that area.

Fixings penetrating the membrane:

- Ensure the membrane is fully bonded where the fixing is likely to penetrate – i.e. make sure there is paste adhesive underneath the membrane.
- Apply paste adhesive on top of the membrane where the fixing will penetrate.
- Finally, cap-off the fixing head with adhesive to ensure a 100% seal is achieved – this is a belt and braces method.

Remediating holes & penetrations through the membrane

1. Clean the membrane (remove dust and wipe down) 100mm in all directions around the penetration/hole.
2. Cut a square patch of membrane which extends 50mm around the hole/penetration in all directions.
3. Apply paste adhesive to the cleaned area and spread it out to ensure a full coverage of the area where the patch will be applied.
4. Apply the patch and firmly roll to initiate the bond.
5. Finally, apply a cap-off bead around the patch and tool-off with an adhesive spreader to give a smooth finish.

