

**SUBSEAL™**

SELF-ADHERING WATERPROOFING MEMBRANE

**SUBSEAL™ OVERLAP REPAIRS**

SubSeal™ is a prefabricated self-adhering, sheet-type waterproofing membrane composed of a tough, multi-layer cross-laminated polyethylene film coated with an aggressive rubberized asphalt adhesive. It is designed for extreme moisture conditions and can be used in sub-grade applications, and under siding, exterior plaster, and as a through-wall flashing. SubSeal is a vapor barrier and proper ventilation is needed.

Good installation practices are critical to the performance of any waterproofing system. In general, MFM Building Products recommends installing SubSeal in fair weather conditions at temperatures above 50°F (10°C). Warmer temperatures increase the adhesion of the rubberized asphalt adhesive used in SubSeal.

There are several ways to help minimize the chance of overlap problems (curling, peeling, fishmouths, leaks):

- Always follow the Installation Instructions carefully – this document is not a substitute for the Installation Instructions posted on our website at [www.mfmbp.com](http://www.mfmbp.com)
- Make sure there is no moisture present at laps
- Remove any hand oils, dirt or grease from overlap areas
- Use 3" (7 cm) side laps and 6" (15 cm) end laps, and use a large push or hand roller to press into place
- Use MFM Low-VOC Spray Adhesive™ or similar to assure positive adhesion (optional) – reference spray adhesive installation instructions for proper use

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An overlap problem can be simply and successfully repaired using strips of SubSeal over the problem area. All repairs should be done when the ambient air and surface temperature is at 50°F (10°C) or above.

- Make sure the existing laps are rolled flat using a large push or hand roller
- Clean the surface around the existing lap or damaged section where SubSeal will be applied with a natural citrus cleaner/degreaser (i.e. Zip Big Red) or a 50/50 vinegar-water mixture, and let dry
- Apply MFM Low-VOC Spray Adhesive™ to assure a positive bond (optional) – contact MFM Technical Services at 800-882-7663 to determine if MFM Low-VOC Spray Adhesive is required for your repair
- Center 6" (15 cm) wide repair strips over the area and roll into place using a large push or hand roller, making sure that exposed edges are firmly adhered – the patch should be large enough to cover a 6" (15 cm) radius around the cut or hole that is being repaired
- Apply a bead of MFM-approved caulk along the up-slope edge of the repair strip and trowel smooth – a list of approved primers, caulks and sealants can be found on our website under Technical Bulletins
- **DO NOT** use solvent-based sealants or caulks – installer is responsible for compatibility with all caulks and sealants
- **DO NOT** expose membrane to direct sunlight for than 90 days
- In cool weather, the repair material should be kept in a heated area until used – an electric heat gun may be used to gently warm the repair surface