

SubSeal™ Installation Information

DESCRIPTION

MFM SubSeal™ is a prefabricated, self-adhering waterproofing membrane. A uniform thickness of rubberized asphalt adhesive is laminated to a cross-laminated polyethylene top film. The membrane is protected by an easy to remove release liner. Compared to spray-on waterproofing coatings, SubSeal provides a uniform layer of protection that is highly durable, will not crack or dry out, and self-seals around mechanical penetrations to maintain a complete waterproofing barrier.

USES

SubSeal is ideal for sealing foundation walls, exterior walls, through-wall flashings, around doors and windows, underneath stucco, plaster and masonry, planters, pot shelves, and as a flashing material. It is ideal for waterproofing and protecting approved ICF foundations. While SubSeal may be used as a roofing underlayment, MFM recommends against this application because the slippery nature of the SubSeal film makes working on a roof hazardous. SubSeal may be used as a pipe wrap or protective covering for rigid insulation. SubSeal must be protected from long-term exposure to ultraviolet light.

SURFACE PREPARATION

SubSeal adheres to most clean, dry substrates including metal, wood, rigid vinyl, masonry, poured concrete, concrete block, wallboard/mortarboard, foam insulation board and other common building materials such as house wrap. Concrete, weathered wood, masonry, Densdeck® and Fiberock® must be dry, fully cured and primed with an MFM-approved primer before applying SubSeal. A primer helps to remove any surface dust or loose material that would inhibit good adhesion. Clean, dry wood and metal surfaces do not require priming. Prime weathered surfaces as needed. It is the contractor's responsibility to ensure adequate adhesion. When using SubSeal on foundations as a waterproofing/dampproofing membrane, all lap seams must be caulked with an MFM-approved sealant/caulk. For additional adhesion, especially in cool temperatures, use MFM Low-VOC Spray Adhesive™. When applying on vertical surfaces, a termination bar is recommended around the top. SubSeal is pressure sensitive and the entire surface needs to be rolled, paying special attention to all overlaps.

INSTALLATION HINTS

- Apply only to clean, dry surfaces
- **DO NOT install over solvent-based or silicone caulking**
- **DO NOT install over PVC, TPO, silicone roofing materials or flexible vinyl gaskets**
- Apply in clear, dry weather at recommended temperatures
- Do not expose to direct sunlight for more than 90 days
- Use 3" side laps and 6" head laps
- Always test adhesion of SubSeal to any surface and prime as necessary to achieve a positive bond
- SubSeal is easily cut to shape with a sharp knife or scissors
- Apply uniform pressure with a hand roller to the entire surface, paying particular attention to the seams
- Installer is responsible for compatibility with all primers, caulks and sealants

For a list of MFM-approved primers, sealants and caulks, please refer to MFM Technical Bulletins at www.mfmbp.com. Questions can be directed to our Technical Services Department at 800-882-7663 or via email at info@mfmbp.com.

RECOMMENDED TEMPERATURES	RANGE	WITH MFM LOW-VOC SPRAY ADHESIVE™
Application Temperature Range (<i>Surface and Air</i>)	50°F – 105°F	Below 50°F
Service Temperature Range	-25°F – 160°F	Not Applicable