

SubSeal™ Installation Information

DESCRIPTION

MFM **SubSeal™** is a prefabricated self-adhering waterproofing membrane. A uniform thickness of rubberized adhesive asphalt is laminated to a durable, cross-linked, multi-layer polyethylene film providing an exceptional combination of strength and flexibility. Compared to spray-on waterproofing coatings, SubSeal provides a uniform layer of protection that is very durable, will not crack or dry out, and self-seals around mechanical penetrations.

USES

SubSeal is ideal for sealing foundation walls, exterior walls, through-wall flashings, around doors and windows, underneath stucco, tile, plaster and masonry, planters, pot shelves, and as a flashing material. It is ideal for waterproofing and protecting 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 ultra-violet 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, masonry, Densdeck® and Fiberock® must be dry, fully cured and primed with MFM Prime-A-Seal™ or 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. SubSeal's film surface is compatible with most construction sealants and primers. For additional adhesion, especially in cool temperatures or on ICF foundations, use MFM Spray Adhesive.

INSTALLATION HINTS

- Apply only to clean, dry surfaces!
- **Do not install over solvent-based sealants unless fully cured and dry!** Active solvents may liquify bottom adhesive surface. Do not install over silicone caulking or flexible vinyl gaskets!
- Apply in clear, dry weather at recommended temperatures.
- Do not expose to direct sunlight for more than 180 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.

RECOMMENDED TEMPERATURES		With MFM Spray Adhesive
Application Temperature Range	50° F to 105° F	Below 50° F
Installed Temperature Range	-20° F to 175° F	N/A

ICC-ES Evaluation Report No. ESR 2783 available at www.icc-es.org. AIS SubSeal 0908