

MFM Building Products Corp. manufactures a wide range of innovative waterproofing products for the building industry. With more than 55 years of field experience, MFM products are engineered for superior performance and ease of installation.

SUBSEAL-40™

SELF-ADHERING WATERPROOFING MEMBRANE

DESCRIPTION

SubSeal-40™ is a prefabricated self-adhering sheet-type waterproofing membrane. It is composed of a tough multi-layer cross-laminated film that is coated with a rubberized asphalt adhesive. A release liner protects the adhesive and is removed as the membrane is installed. SubSeal-40™ is intended as a multi-purpose waterproofing membrane for use in sub-grade applications and under siding, exterior plaster, as a through wall flashing or anywhere it will be protected from long-term ultraviolet exposure. SubSeal-40™ adheres aggressively to most clean, dry substrates including metal, wood vinyl, masonry, ICF foundations, Gold Bond® e²XP™ and rigid insulation boards. SubSeal-40™ may be used to waterproof foundations and other below grade structures, plaza decks, balconies, under siding, and exterior plaster. This advanced system bonds to the substrate and self-seals around nails, staples and other fasteners to prevent damage caused by water penetration.

USES

Foundation wall, floor and planter waterproofing, under stucco and at head, sill chimney shoulder, pot shelves, parapets and pony walls. Use for sealing SIPS building panels and around doors, windows and other potential leak areas. Waterproofs and protects ICF foundations from damage.

FEATURES

SubSeal-40™ offers the contractor and property owner these extra features:

- Uniform thickness for dependable protection
- Self-seals around fasteners including nails, staples and screws
- High strength, high elongation, flexible – accommodates expansion and contraction of the substrates
- Protects ICF foundations and insulation boards from damage during backfill
- Outer film surface is compatible with most construction sealants
- Eliminates leaks – multiple layers of protection seal out water
- Rubberized asphalt won't crack or dry
- Aggressively adheres – SubSeal-40™ sticks in cool weather to common building materials for ease of application and to eliminate movement of water under the membrane

INSTALLATION

- Apply in clear, dry weather
- Surface must be clean, dry and free from oil
- Masonry must be clean, fully cured and primed with an asphalt primer
- Prime weathered surfaces and OSB as necessary
- Clean, dry wood and metal surfaces do not require priming
- Use 3" side laps and 6" head laps
- When applying on vertical concrete surfaces, a termination bar is recommended around the top
- Apply uniform pressure with a 2-3" hand roller to entire surface
- **DO NOT** install over solvent-based sealants unless fully cured – active solvents may liquefy bottom adhesive surface
- Installer is responsible for compatibility with caulks and sealants
- **DO NOT** install over flexible vinyl gaskets or uncured caulking
- **DO NOT** expose installed product to direct sunlight for more than 90 days

PRODUCT DATA

Installation Temperature Range	>50°F
Material Color	Black
Roll Widths	4", 6", 9", 12", 18", 36"
Roll Length	75 ft
Carton Weight	62 lbs
Rolls per Carton	9, 6, 4, 3, 2, 1
Area per Carton	225 ft²
Cartons per Pallet	25

TECHNICAL SPECIFICATIONS

Property	Test Method	Result
Material Thickness	ASTM D 1970	40 MILS Nom.
Pliability	ICC-ES AC 38	Pass
Vapor Permeance	ASTM E 96	0.02 g/m² in 24h Max
Water Resistance	ASTM D 779	>30 hr.
Nail Sealability	ASTM D 1970	Pass
Tensile MD	ASTM D 882	21 lbf/in
Tensile CMD	ASTM D 882	28 lbf/in

PRODUCT NUMBERS

36" - 51336
18" - 51318
12" - 51312
9" - 51309
6" - 51306

APPROVALS

SubSeal-40™ is tested to ASTM D 1970, ICC-ES ESR-2783 (AC148), and ICC-ES ESR-3980 (AC38).



10-YEAR LIMITED WARRANTY

MFM Building Products Corp. (MFM) warrants materials to be free from leaks caused by defects in material or manufacturing for a period of ten (10) years from the date of purchase when applied according to published directions.



For the most current Installation Instructions, Warranties, Technical Specifications and Approvals, visit www.mfmbp.com.