



PRODUCT DATA SHEET

Sika® MultiSeal-500

Sika® MultiSeal-500 IS A PREFABRICATED SELF-ADHERING SHEET-TYPE WATERPROOFING MEMBRANE.

PRODUCT DESCRIPTION

Sika® MultiSeal-500 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. Sika® MultiSeal-500 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. Sika® MultiSeal-500 adheres aggressively to most clean, dry substrates including metal, wood vinyl, masonry and rigid insulation boards. Sika® MultiSeal-500 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
- Thru-wall flashing in cavity wall construction

CHARACTERISTICS / ADVANTAGES

Sika® MultiSeal-500 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 – sticks in cool weather to common building materials for ease of application and to eliminate movement of water under the membrane

PRODUCT INFORMATION

Packaging

Carton contains 3 x 12", 2 x 18" wide rolls. (225 sf/ carton)

Appearance / Color	Black		
Shelf Life	1 Year		
Storage Conditions	Store upright in original, unopened and undamaged sealed packaging in dry conditions. Do not expose to direct sunlight or other heat sources.		
Dimensions	12", 18" wide x 75' long rolls.		
Thickness	40 Mils Nom.		(ASTM D 1970)
Tensile Strength	Machine Direction	21 lbf/in	(ASTM D 882)
	Cross Machine Direction	28 lbf/in	
Low Temperature Bend	Pass		(ICC-ES AC 38)
Water Vapor Transmission	0.02 g/m ² in 24h Max		(ASTM E 96)
Resistance to Water Penetration	>30 hr.		(ASTM D 779)
Self Sealability	pass		(ASTM D 1970)

APPLICATION INFORMATION

Ambient Air Temperature	>50°F
Substrate Temperature	>50°F

SUBSTRATE PREPARATION

- 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

APPLICATION METHOD / TOOLS

- 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

LIMITATIONS

- 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

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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