

PRODUCT DATA SHEET

Sika® MultiSeal-505

Sika® MultiSeal-505 IS A PREFABRICATED SELF-ADHERING SHEET-TYPE WATERPROOFING MEMBRANE

PRODUCT DESCRIPTION

Sika® MultiSeal-505 is a prefabricated self-adhering sheet-type waterproofing membrane. It is composed of a high-tensile polyester film that is coated with a layer of specially formulated rubberized asphalt adhesive. A release sheet protects the asphalt and is removed as the membrane is installed. Sika® MultiSeal-505 is engineered to be a multi-purpose waterproofing sheet suitable for use under siding and exterior plaster. Sika® MultiSeal-505 adheres aggressively to most clean, dry substrates including metal, wood vinyl and masonry. The special Sika® MultiSeal-505 polymer modified waterproofing compound self-seals around punctures such as nails, screws and staples. This advanced system bonds to the substrate and seals around fasteners to help prevent damage caused by water penetration.

USES

- Underlayment for stucco at head, sill, chimney shoulder, pot shelves, parapets, pony walls and other general waterproofing applications
- Thru-wall flashing in cavity wall construction

CHARACTERISTICS / ADVANTAGES

Sika® MultiSeal-505 offers the contractor and property owner these extra features:

- Uniform thickness for dependable protection
- Self-seals around fasteners including nails, staples and screws
- Compatible with most construction sealants and primers
- Eliminates Leaks – multiple layers of protection seal out water
- Rubberized asphalt won't crack or dry
- Aggressively adheres to most clean, dry surfaces including metal, wood, vinyl and masonry 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 packing 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.	(MFM-THK-01)
Tensile Strength	Machine Direction	34.5 lbf/in (MFM-TN-07)
	Cross Machine Direction	43.5 lbf/in
Elongation at Break	Machine Direction	160% (MFM-TN-07)
	Cross Machine Direction	109%
Adhesion in Peel	18.5 lbf/in [@73°F]	(MFM-PA180-05)
Low Temperature Bend	Pass [@-20°F]	(MFM-BD-13)
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 as necessary – clean, dry, wood and metal surfaces do not require priming

APPLICATION METHOD / TOOLS

- Use 3” side laps and 6” head laps
- 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
- 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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Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at

<https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.

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