

PRODUCT DATA SHEET

Sika® MultiSeal-515

Self-Adhered Transition Seam Tape

PRODUCT DESCRIPTION

Sika® MultiSeal-515 is a 40 mil thick self-adhering seam tape consisting of a synthetic butyl rubber compound protected by a silicone release paper on a polyester facer. The membrane is specifically designed for use to treat joints between sheathing boards, dissimilar materials, door and window openings and corner details for above grade wall assemblies.

USES

To be used in conjunction with Sikagard® 510 Transition Seam Tape Primer, and Sikagard® 530 Liquid Applied Vapor Permeable Air Barrier Membrane. Acceptable applications are above grade exterior wall substrates including precast concrete, cast-in place concrete, concrete block, primed steel, aluminum mill finish, anodized aluminum, galvanized metal, gypsum board and wood.

CHARACTERISTICS / ADVANTAGES

- Impermeable to air, moisture vapor and water.
- Flexible at low temperatures.
- Excellent adhesion to prepared substrates.
- Excellent compatibility with Sika adhesives, liquid air barrier membranes and sealants.
- Membrane is self-sealing when penetrated by screw fasteners.

PRODUCT INFORMATION

Packaging	6 inch x 50 foot rolls (150 mm wide x 15 m) 8 rolls/case
Appearance / Color	Black with white polyester fabric
Shelf Life	n/a
Storage Conditions	Store in a dry, well-ventilated area out of direct sunlight between 50 °F (10 °C) and 90 °F (32 °C). Do not double stack pallets. Do not store rolls on end. Do not remove from box until ready to use.
Thickness	40 mils +/- 5 mils

TECHNICAL INFORMATION

Tensile Strength	150 psi (1.04 Mpa)
Elongation at Break	500 % min. (ultimate failure of butyl mass)
Service Temperature	-30 °F to 250 °F (-34 °C to 121 °C)

APPLICATION INFORMATION

Ambient Air Temperature	Min. 25 °F (-3.8 °C)
Substrate Temperature	Min. 25 °F (-3.8 °C)

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Place Sika® MultiSeal-515 Self-Adhered Transition Seam Tape on acceptable surfaces prepared and ready for applications. Acceptable substrates are precast concrete, cast-in place concrete, concrete block, primed steel, aluminum mill finish, anodized aluminum, galvanized metal, gypsum board and wood. Substrates shall be sound, clean, dry and free of frost, dirt, dust, loose concrete, grease, oil, contaminants or other foreign matter that may adversely affect membrane adhesion. May be applied to unprimed surfaces at ambient temperatures above 40 °F (4 °C); however, Contractor is responsible to check adhesion and suitability of applications. For best results prime surfaces with Sikagard® 510 Transition Seam Tape Primer. Allow primer to fully dry prior to applications. Alternatively, for application temperatures above 40 °F (4 °C) prime with a thin coat (10mils, wet) of Sikagard® 530 Liquid Applied Vapor Permeable Air Barrier Membrane to surfaces to be covered by Sika® MultiSeal-515. Allow membrane to fully dry prior to application. Non-porous surfaces such as clean primed steel, aluminum mill finish, anodized aluminum and galvanized metal are not required to be primed. Avoid irregular or uneven surfaces that may cause the membrane to “tent”. Mechanical fasteners used to secure sheathing boards or penetrate sheathing boards prior to membrane application shall be set flush with sheathing board and fastened into solid backing. Strike mortar joints full flush. New concrete should be cured for a minimum of 14 days before Sika® MultiSeal-515 Self-Adhered Transition Seam Tape is applied.

APPLICATION METHOD / TOOLS

Cut Sika® MultiSeal-515 Self-Adhered Transition Seam Tape into lengths that can be easily handled. Center the seam tape over prepared joint areas to be sealed, remove approximately 12 inches (300 mm) of the release paper and place the tape over the joint. Apply sufficient hand pressure to ensure contact and systematically remove release film as the tape is applied onto the substrate. Firmly roll Sika® MultiSeal-515 Self-Adhered Transition Seam Tape using a hard roller against the substrate surface to ensure full adhesion. Contractor is responsible to check adhesion of

membrane to substrate and suitability of applications. Provide minimum of 4 inches (100 mm) end laps. Overlap requires priming. Install transition seam tape in overlapping shingle method, horizontal joints should overlap vertical joints.

Removal

Remove excess product and place in suitable container. Dispose of excess product and container in accordance with environmental regulations.

LIMITATIONS

For application temperatures below 40 °F (4 °C), surfaces must be primed with Sikagard® 510 Transition Seam Tape Primer. Contact between Sikagard 510 Transition Seam Tape Primer and/or Sika® MultiSeal-515 Self-Adhered Transition Tape with Sarnafil Roofing Systems is strictly prohibited. Limit exposure to no greater than 6 months.

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

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

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.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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