

PRODUCT DATA SHEET

SikaSeal®-148 Insulation Seam Tape

Transparent, hand tearable, multipurpose insulating tape

PRODUCT DESCRIPTION

SikaSeal®-148 Insulation Seam Tape is a clear film, acrylic adhesive tape used for various building envelope applications.

USES

- Sealing seam joints and overlaps of house wraps
- Sealing seam joints and overlaps of interior/exterior vapor barriers
- Sealing exterior wall sheathing joints
- Sealing joints or seams between extruded foam insulation board products
- Sealing window and door flanges or frames
- Patching minor damage caused to wall sheathing and house wrap system

CHARACTERISTICS / ADVANTAGES

- Clear in appearance to visually see the seam or overlap
- Tough and durable
- UV resistant for outdoor installations
- Won't lift once placed on a clean, dust-free, dry surface
- Mold and moisture resistant
- Performs well in low or high ambient and substrate temperature conditions
- Performs well in high relative humidity conditions while surfaces are free of standing water (e.g. no droplets, no condensate, etc.)

PRODUCT INFORMATION

Chemical Base	Acrylic adhesive
Packaging	Plastic wrapped roll, 12 rolls per case
Appearance / Color	Transparent (Clear)
Shelf Life	24 months from date of production if stored properly in original, unopened and undamaged, sealed packaging
Storage Conditions	Store in cool, dry, well ventilated conditions, out of direct sunlight at 60 - 80 °F (15 - 27 °C); at 40% to 60% Relative Humidity (R.H.).
Dimensions	2 inches x 164 feet (50 mm x 50 m)
Thickness	3.2 mils (0.08 mm) (ASTM D1000)

TECHNICAL INFORMATION

Tensile Strength	32 pounds per inch (5.6 N/mm)	(ASTM D1000) 73 °F (23 °C), 50% R.H.
UV Exposure	180 days	
Service Temperature	-40 - 212 °F (-40 - 100 °C) [after installed]	
Adhesion in peel	50 ounces per inch (5.47 N/cm) to steel	(PSTC 101) 73 °F (23 °C), 50% R.H.

APPLICATION INFORMATION

Ambient Air Temperature	-5 °F (-20 °C) minimum / 180 °F (82 °C) maximum [during installation]
Substrate Temperature	-5 °F (-20 °C) minimum / 180 °F (82 °C) [during installation]

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.

LIMITATIONS

- UV resistant for up to a maximum 180 days. Ultimately, SikaSeal®-148 Insulation Seam Tape applications should not be left exposed.
- Do not allow SikaSeal®-148 Insulation Seam Tape to form voids or buckle as it is applied.

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.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces that tape will be applied to should be sufficiently cured and free of moisture, frost, oils, dust, dirt and other debris or contaminants that could inhibit adhesion. Any necessary cleaning agents used should be completely removed and/or rinsed off surfaces and allowed to thoroughly dry. No residues of cleaning agents should be present at time of tape installation. Any wet method of surface preparation must be allowed to thoroughly dry. Clean surfaces with a dry cloth as necessary.

APPLICATION METHOD / TOOLS

Apply the tape evenly over the joint (e.g. wall sheathing, foam insulation boards) or overlap seams (e.g. house wraps). Smooth out wrinkles in tape during installation. Applying more pressure yields more surface contact, and therefore, creates a better bond.

OTHER RESTRICTIONS

See Legal Disclaimer.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION

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 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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