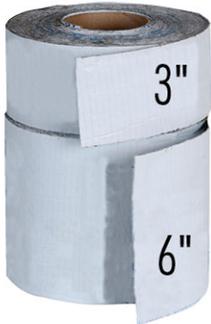




MVIS™ Transition Tape

DS-658.0-0316

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

MVIS™ Transition Tape

2. MANUFACTURER

LATICRETE International, Inc.
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Bethany, CT 06524-3423 USA

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3. PRODUCT DESCRIPTION

MVIS Transition Tape is a self-adhering air, vapor and weather barrier that protects structures from air, vapor, wind, and rain. MVIS Transition Tape provides a durable seal around doors, windows and penetrations and can be used to seal joints, seams, holes and other openings through wall systems. It resists the elements and prohibits harsh environmental conditions from invading a structure. Use as a transition material with MVIS Air & Water Barrier where different substrates meet, or at beams, columns, and similar joints or connections to provide continuity.

Uses

- Use on any transition to tie in MVIS Air & Water Barrier
- Form a seal around doors, windows and penetrations
- Seal joints, transitions and holes in sheathing

Advantages

- Peel and stick MVIS Transition Tape with a heavy duty adhesive made from a proprietary synthetic rubber compound, integrally bonded to a high strength woven polyethylene/polypropylene film
- Will not rot, crack, or drip like typical rubberized-asphalt adhesives
- UV-resistant for up to 90 days
- Asphalt-Free
- Manufactured from 45% post-industrial and/or post-consumer recycled material

Suitable Substrates

- Concrete & Brick Masonry
- Cement Plaster
- Oriented Strand Board (OSB) *
- Exterior Glue Plywood *
- Cement Backer Board *
- Glass Mat Gypsum Exterior Sheathing Panels *
- Vinyl
- Aluminum
- Metal
- Structurally Backed Foam

*Consult panel manufacturer for specific installation recommendations and to verify acceptability for intended use.

Packaging

The MVIS Transition Tape is available in two widths:
3" x 75' (8 cm x 23 m) rolls, 12 rolls per carton
6" x 75' (15 cm x 23 m) rolls, 6 rolls per carton

Approximate Coverage

The 3" x 75' (8 cm x 23 m) rolls will cover 18.7 ft² (1.7 m²)
The 6" x 75' (15 cm x 23 m) rolls will cover 37.5 ft² (3.5 m²)

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored off the ground in a dry area at temperatures >32°F (0°C) and <110°F (43°C).

Limitations

- The design professional / specifier must detail and specify vapor barrier layer material type and location within the installation assembly and in accord with local building codes and to determine suitability of MVIS Transition Tape products within the installation assembly.
- Do not direct bond MVIS Masonry Veneer to MVIS Transition Tape.
- Do not expose the MVIS Transition Tape of products directly to sun or weather for more than 90 days.
- Do not use below grade.
- MVIS Transition Tape is a secondary weather barrier. The outer facade finish is the primary weather barrier and must be installed and maintained per manufacturer's guidelines in order to ensure the proper performance of MVIS Transition Tape.
- Do not install if surface or air temperature is below 50°F (10°C) or above 90°F (32°C).
- The MVIS Transition Tape is not for use beneath cement or other plaster finishes. Consult with plaster manufacturer for their recommendations when waterproofing membrane is required under plaster finishes.

Cautions

- Review local building codes and obtain any required approvals before using MVIS™ Transition Tape. Placement of the MVIS Transition Tape in a wall assembly to be determined by project design professional.
- Mechanical anchors, brick ties, furring strips, finish cladding supports or other penetrations through the MVIS Transition Tape should be sealed and made air and water tight.
- For all finishes: The successful performance and installation of exterior finishes is dependent upon the proper design and construction of the finish, adjacent building materials and systems of the assembly. Follow all applicable industry guidelines and building codes for the respective utilized finish.
- When MVIS Transition Tape products are installed in conjunction with other building materials; they must be properly integrated so that water is diverted to the exterior of the wall system.
- Use of certain additives, coatings or cleansers on or in the façade system may impact the performance of MVIS Transition Tape. It is the user's responsibility to determine the proper construction materials needed.
- Placement of MVIS Transition Tape in a wall assembly to be determined by project design professional.
- For best results prime the substrate using MVIS™ MVIS Transition Tape Primer.

4. TECHNICAL DATA

Applicable Standard

(recognized standard)

Physical Properties

Physical Property	Test Method	Direction	Results
Tensile Strength	ASTM D751	Machine Direction	(Force) 130lbs
Tensile Strength	ASTM D751	Cross Direction	(Force) 124 lbs
Trapezoidal Tear Strength	ASTM D4533	Machine Direction	(Force) 46 lbs
Trapezoidal Tear Strength	ASTM D4533	Cross Direction	(Force) 44 lbs
Mullen Burst	ASTM D751	NA	180 psi
UV Exposure (2000 hours)	ASTM G154	NA	>90%
Water Vapor Transmission	ASTM E96 - B	NA	<0.075 Grains/h/ft ² /in Hg (perms)
Air permeability	TAPP-460	NA	>5000 Sec/100cc

Working Properties

MVIS Transition Tape will not rot, crack, craze or sag like typical rubberized-asphalt adhesives. MVIS Transition Tape is made from a synthetic rubber compound and bonded to high strength woven film.

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

5. INSTALLATION

Surface Preparation

All surfaces to receive primer must be free from frost, dirt, grease, oil or other contaminants. Failure to remove excessive dirt may result in membrane adhesion failure.

Primer

Application

Apply MVIS Transition Tape Primer in dry weather with ambient and substrate temperatures above 40°F (5°C). Surface must be dry and clean. Primer may be applied by brush, roller or spray. Coverage rate of primer is approximately 350-450 ft² (32.4-41.7m²) / gallon (3.8ℓ) on exterior sheathing panels and 250-350 ft² (23.1-32.4 m²) / gallon (3.8ℓ) on CMU, concrete and porous surfaces.

Drying

Allow MVIS Transition Tape Primer to dry until surface becomes tacky. Drying times may vary depending on temperature and humidity conditions. Typical drying time ranges from 10-30 minutes. Cured material can be used up to 24 hours. If 24 hours has elapsed, re-apply primer.

Storage & Handling

MVIS Transition Tape Primer should be stored under cover in original sealed containers above 40°F (4°C) and below 100°F (38°C). The shelf life is 1 year for unopened containers, do not use primer that has been frozen.

Cleanup

Wet uncured primer may be removed with clean water. For dry fully cured primer, a citrus based cleaner may be used.

MVIS Transition Tape

Application

Cut MVIS Transition Tape to the desired length and pre fit into place. Place MVIS Transition Tape with the release paper still attached over the area to be treated. Roll up half of the membrane leaving the other end unrolled. Cut the release paper from the rolled portion of the membrane and slowly pull the release paper towards you exposing the tacky surface of the membrane and carefully attach the membrane onto the substrate, avoiding wrinkles and bubbles. When this portion of the membrane is installed, repeat the procedure with the unrolled portion of the membrane. Press firmly to ensure good contact with substrate and to minimize air entrapment immediately after installation. Work from the center of the membrane to the edges. MVIS Air & Water Barrier can be applied immediately after the MVIS Transition Tape has been installed. Apply the MVIS Air & Water Barrier over the MVIS Transition Tape by 2" (5 cm) using a paint brush making sure to eliminate any skips or voids at the tape edge.

Cleaning

Material can be cleaned with a mild soap and warm water.

6. AVAILABILITY AND COST

Availability

LATICRETE and LATAPOXY materials are available worldwide.

For Distributor information:

Toll Free: 1.800.243.4788

Telephone: +1.203.393.0010

For online distributor information, visit LATICRETE at

www.laticrete.com.

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM.

DS 230.13: LATICRETE® Product Warranty

8. MAINTENANCE

Non-finish LATICRETE and LATAPOXY® installation materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling the LATICRETE Technical Service Hotline:

Toll Free: 1.800.243.4788, ext. 235
Telephone: +1.203.393.0010, ext. 235
Fax: +1.203.393.1948

Technical and Safety Literature

To acquire technical and safety literature, please visit our website at www.laticrete.com.

10. FILING SYSTEM

Additional product information is available on our website at www.laticrete.com.

DS 230.13: LATICRETE Product Warranty
DS 303.0: MVIS™ Transition Tape Primer
DS 661.0: MVIS Air & Water Barrier