



VERSION 18.2

SPECIFICATION INFORMATION

"VAPOR RETARDERS"

DIVISIONS

03 30 00

07 26 00



1 PRODUCT NAME

PRODUCT NAME: Viper® Double Bond Tape
High Tack Double Sided Butyl Tape

2 MANUFACTURER

ISI BUILDING PRODUCTS®

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3 PRODUCT DESCRIPTION

3.1 BASIC USE

Viper Double Bond Tape is a double sided tape incorporating an exceptionally high tack, high peel, butyl adhesive system. Viper Double Bond Tape has a high adhesive mass that creates excellent gap filling and water resistant properties. Viper Double Bond Tape is designed for sealing applications requiring an adhesive surface on both sides. Viper Double Bond Tape can be used as a self-sealing gasket, replacing messy caulks. It is ideal for sealing vapor barrier seams and adhering vapor barriers to vertical foundation walls and piers. Viper Double Bond Tape adheres aggressively to rough or porous surfaces.

3.2 COMPOSITION & MATERIALS

Viper Double Bond Tape is composed of a 23 mil butyl. When integrated into the vapor barrier system and used properly, Viper Double Bond Tape will defend against water penetrating the building envelope, which can lead to costly mold and mildew growth. The proprietary butyl adhesive allows for superior adhesion to OSB, plywood, aluminum, vinyl and concrete.

3.3 SIZE

Viper Double Bond Tape is supplied in standard roll widths of 2". The standard roll length is 90'. Other roll widths up to 46" are available as a special order item.

3.4 WEIGHT

4.35 lbs. per roll (35 lbs. per case of 8 rolls)

3.5 BENEFITS

- Can be installed down to 0°F and is thermally stable up to 300°F.
- Meets the requirements for the ICC Acceptance Criteria 148 for weatherproofing.
- Build GREEN - Viper Double Bond Tape is eligible for LEED compliance credits.
- Self-seals around nails and fastener penetrations, both before and after thermal cycling.
- Resistant to UV exposure for up to 6 months.
- No Bleed or Staining - Viper Double Bond Tape is compatible with most common building sealants.
- Long life-cycle Viper Double Bond Tape will not dry or harden within 10 years allowing for a water tight and energy efficient seal.
- Excellent Adhesion to unprimed concrete

4 TECHNICAL DATA

4.1 APPLICABLE STANDARDS

ASTM E 1745 Standard Specification for Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Concrete Slabs

ASTM D 3330 Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape

ASTM D 3654 Standard Test Method for Shear Adhesion of Pressure-Sensitive Tapes

ASTM E 1643 Standard Practice for Selection, Design, Installation, and Inspection of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs

5 INSTALLATION

5.1 PLACEMENT

SURFACE PREPARATION

The surface to which Viper Double Bond Tape is to be adhered to should be clean, dry, smooth and free of contaminants. Use a wire brush and primer as necessary to ensure such a surface. For best results, apply Viper Double Bond Tape at ambient temperature above 41° F (5° C). When applying to concrete or masonry in temperatures below recommendations, heat surface prior to application for maximum adhesion.

APPLICATION TO SUBSTRATE

Carefully align and unroll Viper Double Bond Tape to substrate. Do not remove release paper until vapor barrier is ready to be installed. This prevents dirt, dust, debris and other foreign objects from interfering with adhesive.

APPLICATION TO TAPE

The release film should not be removed until the moment you are ready to adhere to Viper Double Bond Tape. Never leave Viper Double Bond Tape uncovered once the release film has been removed. This prevents dirt, dust, debris and other foreign objects from interfering with adhesive. Do not leave Viper Double Bond Tape uncovered for more than 8 hours.

When mechanical fasteners are required for permanent holds, such as termination bars, it is suitable to fasten through the Viper Double Bond Tape. The Viper Double Bond Tape will self seal around the fasteners creating a gasket between the substrate and material being fastened.

SPECIAL INSTRUCTIONS

If Viper Double Bond Tape is to be left exposed for an extended period of time, be sure to cover with UV resistant material as Viper Double Bond Tape is not designed for prolonged exposure to direct sunlight. Store Viper Double Bond Tape in the carton and remove only as needed. Store carton of Viper Double Bond Tape on end in a dry place at temperatures not exceeding 100° F (38° C).

6 AVAILABILITY AND COST

Viper Double Bond Tape is sold through construction supply houses across the United States and Canada.

Current cost information can be obtained by calling our corporate sales office at 866.698.6562.

7 WARRANTY

Warranty information can be obtained by calling our corporate office at 866.698.6562 or online at www.isibp.com.

8 MAINTENANCE

Requires no maintenance once installed.

9 TECHNICAL SERVICES

Technical information and detailed test results can be obtained by calling ISI Building Products toll free at 866.698.6562.

10 FILING SYSTEMS

Additional information can be obtained by calling our corporate office at 866.698.6562 or online at www.isibp.com.

PROPERTIES	TEST METHOD	RESULTS
NAIL SEALABILITY	AAMA 711-07 MODIFIED D-1970	PASS
90° PEEL ADHESION PLYWOOD OSB FACER	AAMA 711-07 SECTION 5.3	7.2 LB/IN 5.5 LB/IN 6.5 LB.IN
MOLD GROWTH	ASTM G-21	NO GROWTH
SERVICE TEMPERATURE	NA	-40°F TO 300°F

NOTE:

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