



# VIPER<sup>®</sup>

## DOUBLE BOND TAPE

HIGH TACK DOUBLE-SIDED BUTYL TAPE

## VAPOR RETARDERS

DIVISION  
033000, 072600

### PRODUCT NAME

Viper• Double Bond Tape  
High Tack Double-Sided Butyl Tape

### MANUFACTURER

**ISI BUILDING PRODUCTS**  
401 Truck Haven Road  
East Peoria, IL 61611  
866.698.6562 / [www.isibp.com](http://www.isibp.com)

### PRODUCT DESCRIPTION

#### 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.

#### 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.

#### SIZE

Standard Size: 2" x 90'  
8 rolls/case

#### WEIGHT

Approximately 4.35 lbs per roll, 35 lbs per case

#### BENEFITS

- Installed down to 0°F, thermally stable up to 300°F
- Meets ICC Acceptance Criteria 148 for weatherproofing
- Build GREEN: 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: compatible with most common building sealants
- Long life cycle: will not dry or harden within 10 years, allowing for a watertight and energy efficient seal
- Excellent adhesion to unprimed concrete

### TECHNICAL DATA

#### APPLICABLE STANDARDS

*American Society for Testing & Materials (ASTM)*

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

**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

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

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

### INSTALLATION

#### 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.

#### SEAMS AND PENETRATIONS

Seal around pipes, support columns or any other penetration with Viper VaporPatch, VaporCheck Mastic or at minimum a combination of the Viper Vapor Barrier and Viper Vapor Tape. Doing so creates a monolithic membrane isolating the surface of the slab from moisture sources below.

Holes or openings through Viper Vapor Barrier should be effectively sealed with Viper Vapor Tape, Viper VaporPatch or VaporCheck Mastic to maintain the integrity of the vapor barrier. Overlap joints a minimum of six inches. Seal overlap together with Viper Vapor Tape and/or Viper Double Bond Tape.

#### 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 eight 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, 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).

These are general installation instructions. Instructions on architectural or structural drawings should be reviewed and followed. Detailed installation instructions can be obtained by calling the manufacturer at 866.698.6562 or visiting [www.isibp.com](http://www.isibp.com).

**WARRANTY**

Warranty information can be obtained by calling the manufacturer at 866.698.6562 or visiting [www.isibp.com](http://www.isibp.com).

**MAINTENANCE**

Requires no maintenance once installed.

**TECHNICAL SERVICES**

Technical information and detailed test results can be obtained by calling the manufacturer at 866.698.6562.

**FILING SYSTEMS**

Additional information can be obtained by calling the manufacturer at 866.698.6562 or visiting [www.isibp.com](http://www.isibp.com).

<b>PROPERTIES</b> <b>TEST PROCEDURE (INDEPENDENT TEST FACILITY)</b>	<b>TEST METHOD</b> <b>APPLICABLE STANDARDS</b>	<b>RESULTS</b> <b>IP UNITS</b>
ROLL SIZE	N/A	2" x 90'
NAIL SEALABILITY	AAMA 711-07 MODIFIED D-1970	PASS
90° PEEL ADHESION PLYWOOD OSB FACER	AAMA 711-07 SEC. 5.3	7.2 lb/in 5.5 lb/in 6.5 lb/in
MOLD GROWTH	ASTM G-21	NO GROWTH
SERVICE TEMPERATURE	N/A	-40° F to 300° F

**DISCLAIMER:** TO THE BEST OF OUR KNOWLEDGE, THE SPECIFICATION CHART LISTS TYPICAL PROPERTY VALUES AND ARE INTENDED AS GUIDES ONLY, NOT AS SPECIFICATION LIMITS. ISI BUILDING PRODUCTS MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, NO GUARANTEE OF SATISFACTORY RESULTS FROM RELIANCE UPON CONTAINED INFORMATION OR RECOMMENDATIONS AND DISCLAIMS ALL LIABILITY FOR RESULTING LOSS OR DAMAGE.