



Trex® Protect™
JOIST & BEARER TAPE

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SECTION 07 65 26

Self-Adhering Sheet Flashing – TREX® Protect™

TREX® Protect™ products are manufactured and sold by IBP, LLC under a Trademark License Agreement with Trex Company, Inc. Protect™ is a federally registered trademark of IBP, LLC.

TREX® Protect™ our self-adhesive, non-skid deck flashing tape. This butyl-based tape is designed to shield joists and bearers from moisture that can lead to wood rot and decay.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Construction Tapes.

1.2 RELATED SECTIONS

- A. Section 06 10 00 - Rough Carpentry.
- B. Section 06 11 00 – Wood Framing
- C. Section 07 23 00 – HDPE Membrane Waterproofing

1.3 REFERENCES

- A. ASTM International:
 - 1. ASTM D 1970/ D 1970 M - 20: Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection
 - 2. ASTM D 3330/D 3330 M - 04: Standard Test Method for Peel Adhesion of Pressure-Sensitive Tape
 - 3. ASTM D 3767 – Standard Practice for Rubber – Measurement of Dimensions.
 - 4. ASTM D 5034 - 09: Standard Test Method for Breaking Strength and Elongation of Textile Fabrics.
 - 5. ASTM G154: Standard that is used as the basis for all other accelerated weathering standards that use fluorescent UV light sources to stimulate exposure to natural sunlight.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.

- C. Shop Drawings: Submit shop drawings including details of construction and relationship with adjacent construction.
- D. Verification Samples: For each finish product specified, two samples, minimum size 3 inches (75 mm), representing actual product, color, and patterns.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: Experienced in installation of specified material type with working knowledge of specified products and Project specific application requirements.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Material should be left in its original packaging until use.
- B. Store indoors, between 40 – 100 degrees F.
- C. Acclimate to installation temperature before use.
- D. Do not lay butyl tape on side after removed from packaging.
- E. Do not stack boxes above:
 - 1. Butyl tape 4 or fewer boxes tall
 - 2. Do not stack heavier boxes on lighter boxes
- F. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction

1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

1.8 WARRANTY

- A. Limited Warranty:
 - 1. Manufacturer warrants materials to not de-laminate, blister, peel, or dissolve from exposure to ultraviolet rays for a period of **twenty years** from the date of purchase when applied according to published directions.
 - 2. Specific terms for warranties can be found at: <https://trexprotect.com/warranty/>

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Contract Documents are based on products supplied by; IBP, LLC, 2190 West Bates Ave., Englewood, CO 80110
- B. Substitutions: Not permitted under Division 01

2.2 CONSTRUCTION TAPES

A. Self-Adhering Protective Wrap:

TREX® Protect™ is a self-adhering butyl-based deck flashing tape to protect wood decks and posts from premature rot and corrosion. Installation includes horizontal and vertical surfaces including all joists, rim joist, bearers, steps, stair stringers, blocking, ledger board, under joists hangers and other surface. Apply at temperatures above 10°C. The product is self-sealing around fasteners to prevent water damage. Product comes packaged in individually wrapped and labeled rolls. Product offers a 20-year warranty.

1. Product: **TREX® Protect™** as manufactured by IBP, LLC.
 - a. Joist Tape: 50 mm x 20 m, manufacturer item number 0037.
 - b. Bearer Tape: 100 mm x 20 m, manufacturer item number 0038.
 - c. Description: A self-adhering butyl-based deck flashing tape that protects the joists and bearers from moisture that can lead to wood decay
 - d. Sealing: Self-sealing around deck fasteners.
 - e. Protective Release Liners: Removed when product is installed
 - f. Technical Properties:
 - 1) Material Color: Black
 - 2) Material Thickness (ASTM D 3767): 20 mils (0.508mm) Nominal.
 - 3) Installation Temperature: Greater than 10 degrees C.

| Performance | Method | Results |
|--|--|----------------------------------|
| Tensile strength (psi) | ASTM D 5034, modified | 15 lbf/in @ 600% elongation |
| Water penetration around nails | ASTM D 1970 section 7.9 modified 1.25" water / 24 hours | PASS |
| Water penetration around nails after thermal cycling | ASTM D 1970 section 7.9 modified 1.25" water / 24 hours* | PASS |
| Water penetration around screws (#10 x 3 1/2") | ASTM D 1970 section 7.9 modified 1.25" water / 24 hours | PASS |
| Water penetration around screws (#10 x 3 1/2") after thermal cycling | ASTM D 1970 section 7.9 modified 1.25" water / 24 hours* | PASS |
| Peel Adhesion to various substrates (lbf/in) | ASTM D 3330 Method F | OSB (APA-Smooth Side) 4.2 |
| | | Anodized Aluminum 2.9 |
| | | Extruded PVC 3.1 |
| | | Plywood (APA-B/C) 4.5 |
| Accelerated aging | (ASTM G154, cycle 1 for 336 hours) | No Change PASS |
| *Elevated temperature exposure AAMA 711-13 Level 3 | (7days @ 80C) Thermal Cycling (10 cycles of 8 hours @49C/16 hour @ -40C) | PASS |
| Peel adhesion after water Immersion | (7-day soak per AAMA 800 sect. 2.4.1.4.3) | PASS |

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install according to **TREX® Protect™** installation guidelines. <https://trexprotect.com/uk/>

END OF SECTION