



Extreme Roof Deck Seam Tape™
 Self-Adhered Roofing Underlayment for Use in
 Extreme Cold and High Temperature Applications

TECHNICAL DATA

| Properties | Test Method | Test Results |
|---|-------------|---|
| Surface Color | | Blue / White |
| Thickness | | 19 mils |
| Weight | | 2.4 lbs per roll |
| Air Permeance Test | ASTM E2178 | Measured Air Flow (L/s/m ²) @ 75Pa 0.00005 avg |
| Tensile Strength | ASTM D412 | MD = 101.4 lbs / CD = 77.25 lbs |
| Elongation | ASTM D412 | MD = 20.96% / CD = 27.33% |
| Puncture Resistance | ASTM E154 | 189.8 psi / 29.85% Deflection / 31.7 psi load at distance trap |
| Low Temp Flex | ASTM D1970 | No cracks or delamination Pass @ -20°F |
| Nail Sealability | ASTM D1970 | Pass |
| Adhesion to Plywood | ASTM D903 | 3.8 pli |
| UV Exposure period | | 6 months |
| Moisture Vapor Transmission / Permeance | ASTM E96 | Procedure A (desiccant) MVT (grams/m ² /24hr) avg = 3.239 Permeance (Perms) = 0.272 perms avg. Procedure B (water) MVT (grams/m ² /24hr) avg = 6.523 Permeance (Perms) = 0.937 perms avg. (For Canadian Standards) |
| Installation Temperature | | -20°F/-28°C to 125°F/51.6°C* |
| In-Service Temperature | | -45°F/-42°C to 300°F/148.9°C |

PACKAGING

4" x 66' roll (21.8 SF/Roll) - 12 rolls per carton - 1 roll will cover approximately 2 squares of roofing

DESCRIPTION

Extreme Roof Deck Seam Tape is a cold applied, self-adhering membrane composed of a proprietary slip resistant, tri-layer, woven polypropylene fabric coated on one side with a layer of proprietary Super Stick, synthetic butyl high temperature adhesive.

FEATURES

- Proprietary Super Stick, synthetic butyl high temperature adhesive
- IAPMO ER-613 listed
- Complies with ICC AC48 requirements
- Can be applied down to -20°F/-28°C
- In-Service temperature up to 300°F/148.9°C

FEATURES, cont'd

- Split release liner for easy application
- 6 month UV exposure rating
- Fully adhered system
- Primer-free application
- Does not require heated storage
- Proprietary slip resistant surface for added footing safety
- Seals around properly installed fasteners
- No VOC's, HFCC's, nor CFC's
- Compatible with and will adhere to most construction surfaces, wood, concrete, CMU Block, OSB, Plywood, glass mat exterior sheathing products, foam insulation board, ICF, metal, TPO and EPDM
- Can be installed Horizontally or Vertically (as code allows)
- Can be installed on roof pitches down to 2"/12", for lower slopes contact your Protecto Wrap Representative

USES

A Self-Adhered Roofing Underlayment for use to seal the seams of OSB or plywood roof decks. Can be used on new and replacement roofs and under most roof coverings. Designed for use in extreme cold temperatures.

LIMITATIONS

Not recommended for roofs that exceed 300°F/148.9°C operating temperature.

Not recommended for use on roof slopes less than 2"/12" (without approval).

Not recommend for use over granulated surfaces or existing roof coverings.

Not recommended for use over or in contact with PVC roof membranes.

Do not stretch Extreme Roof Deck Seam Tape when applying.

SHELF LIFE

Extreme Roof Deck Seam Tape maintains optimum initial adhesion to substrates when used within two years from the date of manufacture.

STORAGE

Extreme Roof Deck Seam Tape should be stored in the original, unopened container, storage area should remain dry and out of direct sunlight. Do not remove materials from original containers until ready for use. Do not double stack pallets. Do not store rolls on end.

PREPARATION

Roof deck surface shall be clean, dry and free of any foreign materials. The roof deck surface shall be free of gaps, sharp edges and protrusions. Do not walk on surface when wet or covered with frost as there is an increased risk of injury.

Metal surfaces may need to be solvent wiped and/or abraded to achieve optimum adhesion.

On vertical applications at roof to wall intersections, all surfaces shall be clean, dry and free of any foreign materials. The surface shall be free of gaps, sharp edges and protrusions.

Protecto Wrap Company recommends testing substrates for adhesion prior to full application of membrane. If adhesion to substrate is found to be marginal or does not bond, contact a Protecto Wrap Company representative.

APPLICATION

- **Extreme Roof Deck Seam Tape** can be installed on any exterior grade solid sheathing normally used for roof decking.
- Install deck seam tape such that all laps shed water in both vertical and horizontal installations.
- Install membrane starting at the lowest point of roof slope and work up the slope.
- Seal the first row of deck sheathing verticals first then the horizontal seams.
- Position the roll into the desired location, roll out the membrane and cut to length as needed.
- Center the tape over the roof deck seam, remove a portion of the release liner and adhere to roof deck working side to side or top to bottom (reposition as needed prior to removing the remaining release liner).
- Allow 3" to 6" overlaps between pieces of tape. Laps must be made in a shingle-like or water shedding fashion so that water flows over the lap and not against it.
- All laps should be firmly pressed or rolled to ensure a positive seal.
- **Extreme Roof Deck Seam Tape** should be covered 180 days after installation.

* For additional details call (800) 759-9727.

CLEAN UP

Dispose of waste in accordance to local requirements. Control worksite so that boxes and release liner do not present a hazard. Packaging materials and release liner can be recycled.

CAUTION

Extreme Roof Deck Seam Tape should not come into contact with solvent based products, polysulfide's and plasticized PVC roofing membranes.

Extreme Roof Deck Seam Tape incorporates a slip resistant surface; however, Protecto Wrap Company recommends the use of appropriate fall protection when installing roof underlayments.

Extreme Roof Deck Seam Tape is a waterproof, air barrier/ class II vapor retarder; spaces under the area covered must be properly vented.

The release liner is slippery. Make sure to remove from the roof/work area immediately after membrane application. Release liner on the ground should be immediately picked up and disposed of in accordance with local requirements.

LIMITED WARRANTY

This product is covered by the Protecto Wrap Standard 10 Year Limited Warranty.

PROTECTO WRAP COMPANY
1955 South Cherokee Street
Denver, CO 80223
(303) 777-3001 • (800) 759-9727
FAX (303) 777-9273
www.protectowrap.com