

Protecto® Premium Dual Guard Threshold Tape™
With Energy Saving Foam Surface

TECHNICAL DATA

Property	Test Method	Result
Meets AAMA 711-22 Performance Requirements		
AAMA 711 Section 5.1 Tensile Strength (psi)	ASTM D 3759 Proc. A	Pass
AAMA 711 Section 5.2 Water Penetration Resistance Around Nails [Pass/Fail] Visual Inspection for water infiltration	AAMA 711	As Received - Pass Thermal Cycling – Pass No water present in bottom of can, on underside of substrate or on the fastener shank
AAMA 711 Section 5.3 Peel Adhesion to Substrates (lbf/in) Min. peel requirement - four substrates and its face (lap) - 1.5 pli	ASTM D 3330 Method F	Pass on all substrates Pass on lap peel
AAMA 711 Section 5.4 Accelerated Aging (lbf/in) Minimum peel requirement- 1.5 pli Visual (Pass/Fail)	ASTM D 3330 Method F	Pass on peels Visual - Pass
AAMA 711 Section 5.5 Elevated Temperature (lbf/in) Minimum peel requirement- 1.5 pli Visual (Pass/Fail)	ASTM D 3330 Method F	Pass on peels Visual - Pass
AAMA 711 Section 5.6 Thermal Cycling (lbf/in) Min Requirement 1.5 pli and Visual	ASTM D 3330 Method F	Pass Visual- Pass
AAMA 711 Section 5.7 Cold Temperature Pliability [Pass/Fail] Visual inspection in the flexed position	ASTM C 765	Pass
AAMA 711 Section 5.8 Peel Adhesion after immersion (lbf/in)	ASTM D 3330 Method F	Pre-immersion- Pass Post immersion- Pass
AAMA 711 Section 5.9 Resistance to Peel [Pass/Fail] Visual Inspection Minimum Req.- edge curl $\leq \frac{1}{2}$ "; no corner cut $> \frac{1}{2}$ "	AAMA 711 Annex A	Pass Pass
Color	-	Black adhesive with a white polyethylene foam surface layer
Thickness	-	30 mil
Installation Temperature	-	40°F to 120°F (4.4°C to 48°C)
Installation Temperature Cold Weather with Primer	-	See Cold Weather Application
In-Service Temperature	-	-45°F to 240°F (-42°C to 116°C)

PACKAGING

Roll Width: 5-1/2" inches Roll Length: 7 and 25 feet

DESCRIPTION

Protecto Premium Dual Guard Threshold Tape is a cold applied self-adhered waterproofing membrane featuring a closed cell Polyethylene foam surface layer and a unique stretchable outer flange that acts like a gasket sealing off the sub-floor and preventing air and moisture infiltration under the threshold.

FEATURES

- Meets Building Code:
 - International Residential Code (IRC) Section 703.4 for door flashing.
 - Complies with AAMA 711
- Reduces energy costs
- Seals around properly installed fasteners
- Helps prevent subfloor swelling and structural framing from warping
- Adheres to concrete, wood and metal surfaces
- When properly installed helps prevent air, moisture and insect infiltration under the threshold

USES

Used as a self-adhered waterproof flashing membrane under exterior door thresholds.

LIMITATIONS

Do Not Use in high temperature applications that may exceed 240°F (116°C).

Do Not Use over uncured (wet) sealants or adhesives, even if compatible.

Do Not Use sealants containing solvents, mineral spirits or VOC's on, around or beneath Dual Guard.

Do Not Use in direct contact with flexible (highly plasticized) PVC i.e. flexible J channel.

SHELF LIFE

Maintains optimum initial adhesion to substrates when used within one year from the date of manufacture.

STORAGE

Protecto Dual Guard Threshold Tape should be stored in the original, unopened container at ambient temperatures between 40°F and 90°F (4.4°C to 32°C). 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.

Cold Weather Storage – products should be stored in original containers in a warm dry area between 50°F to 90°F (10°C to 32°C). Keep the tape warm for a minimum of 24 hours prior to and just up to installation.

PREPARATION

Substrate surfaces shall be clean, dry and free of any foreign materials. The substrate surface shall be free of gaps, sharp edges and protrusions. Protecto Wrap Company recommends testing substrates for adhesion prior to full application. See Technical Letter: Surface Preparation @ <https://protectowrap.com/library-resources/#s8>

APPLICATION

All surfaces must be clean, dry, free of dirt and other foreign materials. Cut a piece of Dual Guard Threshold Tape the width of the door opening and add six inches – three inches will extend up each side of the door jamb. Peel off the release liner and begin applying the tape to the door sill plate by smoothing down the tape as the adhesive comes in contact with the door sill. Make sure to press the tape into the joints where the door jambs meets the door sill. Once the tape is secured to the door sill and door jamb, stretch the flange over the exterior sheathing to create a water tight gasket. The protective film covering the flange can be removed. See Figure 1 on the next page for finished installation.

For an installation video go to: <https://youtu.be/Sp0aXN1bBxA>.

Figure 1



INSTALLING OVER MASONRY

Masonry surfaces must be clean, dry, free of dirt and other foreign materials. The use of a primer is required to ensure the tape's adhesive bonds to the masonry.

COLD WEATHER APPLICATION

Dual Guard Threshold Tape can be successfully installed in cold weather. Precautions must be taken to ensure adhesion to the substrate. The tape must be stored in a warm dry area between 50°F to 90°F (10°C to 32°C) for a minimum of 24 hours prior to and just up to installation. If adhesion to the substrate is lacking, and the temperature is below 40°F, then a primer is required. Refer to Cold Temperature Applications which can be found @ <https://protectowrap.com/library-resources/#s8> . When using a primer refer to Building Primer Recommendations @ <https://protectowrap.com/library-resources/#s11>

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 paper can be recycled.

CAUTION

Protecto Wrap Company recommends the use of safety glasses and gloves.

LIMITED WARRANTY

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

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