



**PROTECTO WRAP COMPANY**  
**1955 South Cherokee Street**  
**Denver, Colorado 80223**  
**(800) 759-9727**  
[www.protectowrap.com](http://www.protectowrap.com)

**JIFFY SEAL ICE AND WATER GUARD  
EXTREME SELF-ADHERING MEMBRANE**

**CSI Section:**  
**07 30 05 Roofing and Felt Underlayment**

**1.0 RECOGNITION**

Protecto Wrap Company’s Jiffy Seal Ice and Water Guard Extreme self-adhering membrane recognized in this report has been evaluated for use as an alternative to the ice barrier specified in Chapter 15 of the IBC and Chapter 9 of the IRC. The physical properties of the membrane comply with the intent of the provisions of the following codes and regulations:

- 2018, 2015 and 2012 International Building Code® (IBC)
- 2018, 2015 and 2012 International Residential Code® (IRC)

**2.0 LIMITATIONS**

Use of the Jiffy Seal Ice and Water Guard Extreme self-adhering membrane recognized in this report is subject to the following limitations:

- 2.1** The membrane shall be installed in accordance with the applicable code, the manufacturer’s published installation instructions, and this report. Where there is a conflict, the most restrictive requirements shall govern.
- 2.2** Application of the Jiffy Seal Ice and Water Guard Extreme self-adhering membrane is limited to use on exterior grade plywood on structures located in areas where non-classified roof coverings are permitted or as a component of a classified roofing assembly when specifically recognized as such in a listing approved by the code official.
- 2.3** Application is limited to roofs with slopes of 2:12 (17 percent slope) or greater.
- 2.4** Installation is limited to roofs with attics or rafter spaces that are ventilated in accordance with the requirements of the applicable code.
- 2.5** Installation of fire-resistant roof coverings is outside of the scope of this report.

**2.6** The Jiffy Seal Ice and Water Guard Extreme self-adhering membrane recognized in this report is produced by Protecto Wrap Company in Denver, Colorado.

**3.0 PRODUCT USE**

**3.1 General:** Protecto Wrap Company’s Jiffy Seal Ice and Water Guard Extreme self-adhering membrane is used as an alternative to the ice barrier specified in Chapter 15 of the IBC and Chapter 9 of the IRC.

**3.2 Installation:**

**3.2.1 General:** Installation of the Jiffy Seal Ice and Water Guard Extreme self-adhering membrane shall comply with this report and the manufacturer’s installation instructions. The installation instructions shall be available at the jobsite at all times during installation.

**3.2.2 Application:** All surfaces shall be clean, dry and free of any foreign materials. The surface shall be free of gaps, sharp edges and protrusions. Damaged areas on substrate should be repaired prior to application of the membrane.

The product is applied by cutting the membrane to length and removing a small portion of the release liner and applying to the substrate. The release liner is removed as the roll is put into place using a long-handle roller or hand roller to smooth out any wrinkles, air bubbles or creases. For all applications, overlaps, side laps and end laps shall be 2 inches (51 mm) minimum and shall be firmly placed for adequate adhesion. The membrane shall be installed as required in Section 1507.1.2 of the IBC or Section R905.1.2 of the IRC, as applicable, extending from the lowest edge of all roof surfaces to a point 24 inches inside the exterior wall line of the building.

**4.0 PRODUCT DESCRIPTION**

Protecto Wrap Company’s Jiffy Seal Ice and Water Guard Extreme self-adhering membrane consists of a three-layer woven polypropylene fabric coated on the bottom with a layer of proprietary Super Stick, synthetic butyl high temperature adhesive. The product is 19 mils (0.48 mm) in thickness and has a blue and white surface color. The product should be stored in unopened container at temperatures between 40°F and 90°F (4°C and 32°C).

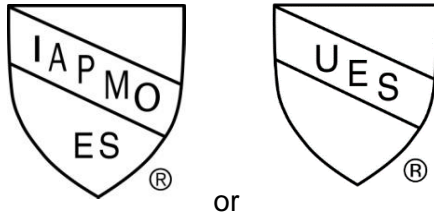
*The product described in this Uniform Evaluation Service (UES) Report has been evaluated as an alternative material, design or method of construction in order to satisfy and comply with the intent of the provision of the code, as noted in this report, and for at least equivalence to that prescribed in the code in quality, strength, effectiveness, fire resistance, durability and safety, as applicable, in accordance with IBC Section 104.11. This document shall only be reproduced in its entirety.*





## 5.0 IDENTIFICATION

The Jiffy Seal Ice and Water Guard Extreme self-adhering membrane is identified by the Protecto Wrap Company's name and trademark, product name and evaluation report number (ER-613). The identification includes the IAPMO Uniform Evaluation Service Mark of Conformity. Either Mark of Conformity may be used as shown below:



or

**IAPMO UES ER-613**

## 6.0 SUBSTANTIATING DATA

**6.1** Data in accordance with the ICC-ES Acceptance Criteria AC 48 for Self-adhered Roof Underlayments for Use as Ice Barriers, Approved February 2012, editorially revised May 2018.

**6.2** Manufacturer's literature and installation instructions.

## 7.0 STATEMENT OF RECOGNITION

This evaluation report describes the results of research carried out by IAPMO Uniform Evaluation Service on Protecto Wrap Company's Jiffy Seal Ice and Water Guard Extreme self-adhering membrane to assess conformance to the codes shown in Section 1.0 of this report and serves as documentation of the product certification. Products are manufactured at the location noted in Section 2.6 of this report under a quality control program with periodic inspection under the supervision of IAPMO UES.

**Brian Gerber, P.E., S.E.**  
**Vice President, Technical Operations**  
**Uniform Evaluation Service**

**Richard Beck, PE, CBO, MCP**  
**Vice President, Uniform Evaluation Service**

**GP Russ Chaney**  
**CEO, The IAPMO Group**

For additional information about this evaluation report please visit [www.uniform-es.org](http://www.uniform-es.org) or email us at [info@uniform-es.org](mailto:info@uniform-es.org)