



**To:** All Distributors, Lumber Yards and Roofing Oriented Dealer

**From:** Greg Ciampa, National Sales Manager Building Products

**Subject:** Connecticut Amended IRC 2015 Chapter 9 - Roof Assemblies for Roof Deck Sheathing Seams

**Date:** October 22, 2018

As you may know CT adopted IRC 2015 in 2018. In July, CT amended IRC 2015 Chapter 9-Roof Assemblies and made their change effective October 1, 2018. For the full language of the amendment see page 2.

The purpose of this communication is to provide clarity on materials that are code compliant for roof deck seam membranes.

The code is specific regarding the materials and standards that meet the amended code:

**...shall bear a label indicating compliance to the standard designation ... A minimum 4-inch-wide (102 mm) strip of self-adhering polymer-modified bitumen membrane complying with ASTM D 1970, installed in accordance with the manufacturer's instructions for the deck material, shall be applied over all joints in the roof decking.**

Here the four key physical membrane requirements needed to meet the amended code:

1. Membrane package shall bear a label indicating compliance with the amended code IRC 2015 R905.1.1	Membranes that are packaged without this designation are <b>NOT IN COMPLIANCE</b>
2. Membrane minimum width is 4"	
3. Membrane must be self-adhered polymer-modified bitumen- also known as Rubberized Asphalt Adhesive	<b>Membrane adhesives that do not comply:</b> a. Butyls b. Acrylics
4. Membrane must comply with ASTM D1970	<b>#1 Physical Requirement</b> a. membrane strip must be at least 40 mils thick

Here is the label for Protecto Wrap Roof Deck Seam Tape showing our compliance with the Amended Code:



**Protecto Wrap Company**

1955 South Cherokee Street Denver, CO 80223 1-800-759-9727 (303) 777-3001 Fax (303)777-9273 www.protectowrap.com



## **CHAPTER 9 — ROOF ASSEMBLIES TO BE ADOPTED EFFECTIVE OCTOBER 1, 2018**

(Amd) 8905.1.1 Underlayment. Underlayment for asphalt shingles, clay and concrete tile, metal roof shingles, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles, wood shakes and metal roof panels shall conform to the applicable standards listed in this chapter. Underlayment materials required to comply with ASTM D 226, D 1970, D 4869 and D 6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1(1) A minimum 4-inch-wide (102 mm) strip of self-adhering polymer-modified bitumen membrane complying with ASTM D 1970, installed in accordance with the manufacturer's instructions for the deck material, shall be applied over all joints in the roof decking. Underlayment shall be applied over the entire roof and over the 4-inchwide (102 mm) membrane strips and shall be applied in accordance with Table R905.1.1(2). Underlayment shall be attached in accordance with Table R905.1.1(3).

### Exceptions:

1. As an alternative, self-adhering polymer-modified bitumen underlayment complying with ASTM D 1970 installed in accordance with both the underlayment manufacturer's and roof covering manufacturer's instructions for the deck material, roof ventilation configuration and climate exposure for the roof covering to be installed, shall be permitted.
2. The 4-inch-wide (102 mm) strips of self-adhering polymer-modified-bitumen membrane are not required for roofs sheathed with lumber having a nominal width of less than 3 feet (914 nun).

### **Protecto Wrap Company**