

# GUIDE TO NEW ROOFING REQUIREMENTS

According to 2015 IRC, effective October 1, 2018

## CHAPTER 9 – ROOF ASSEMBLIES

**(Amd) R905.1.1 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 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-inch-wide 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 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.

**NOTE:** “Zip Tape” has been approved as meeting this requirement.

**NOTE:** *An inspection is to be performed prior to covering to confirm the installation of the 4” wide strips and proper width of ice and water membrane.* In lieu of an inspection by this office, contractors can provide to the Building Official pictures of the installation. The pictures must be received to be able to sign off on the permit. Pictures are to be e-mailed to BuildingOfficial@ellington-ct.gov. The pictures must be taken in a way that the property can be distinguished.