



## **RESIDENTIAL REROOF PROCEDURES FOR COOL ROOF PRODUCTS** **2013 CALIFORNIA ENERGY CODE SECTION 150.2(b) H**

Beginning July 1, 2014 the 2013 California Energy Efficiency Standards will go into effect and require all re-roofing to meet the Cool Roof requirements of the updated Title 24 Energy Standards. Roofing products that are used for compliance with the standards are required to be tested and labeled by the Cool Roof Rating Council (CRRC)

The new 2013 California Energy Code has revised the list of alternatives that can be used as an exception to the Cool Roof requirements. This bulletin is designed to provide the new exceptions allowed in the 2013 Standards and how the local jurisdictions will document and verify compliance with the exceptions.

### 2013 Cool Roof Exceptions:

- a. Air-space of 1.0 inch airspace is provided between the top of the roof deck to the bottom of the roofing product; **or**
- b. The installed roofing product has a profile ratio of rise to width of 1 to 5 for 50% or greater of the width of the roofing product; **or**
- c. Existing ducts in the attic are insulated and sealed according to Section 150.1(c)9, HERS rating required with CF-3R Form; **or**
- d. R-38 attic insulation (Insulation Certificate required); **or**
- e. Building has a radiant barrier in the attic meeting the requirements of Section 150.1(c)2, **or**
- f. Building has no ducts in the attic. **or**
- g. R-4 insulation installed on the deck above vented attic.

As shown above, the exception by providing increased attic ventilation has been removed in the 2013 Standards, and insulation values have increased.

- If exception “c” is proposed, it shall be required that a duct leakage test be provided and certified by a third party HERS rater.
- If exception “d” is proposed, it shall require an Insulation Certificate be provided by a licensed Insulation Contractor to verify the minimum R-38 attic insulation exists.