



# RESIDENTIAL RE-ROOF REQUIREMENTS



COMMUNITY DEVELOPMENT DEPARTMENT • 345 N EL DORADO STREET • STOCKTON, CA 95202 • (209) 937-8561  
www.stocktonca.gov/buildinginspection

## PERMIT REQUIREMENTS:

- A permit is required for all re-roof projects including adding an additional layer of roof covering to an existing roof.
- Permits are issued to either the property owner with a completed Owner/Builder form *or* to a California licensed **C-39** contractor with a current City of Stockton Business License. **“B” licensed contractors cannot pull re-roof permits unless it is part of a larger project.**
- **Residential re-roof permits are now available to apply, pay, and receive online via our Online Permit Portal. A free user account must be created to use this service: [www.aca.accela.com/Stockton](http://www.aca.accela.com/Stockton)**
- Permits can be obtained at the Community Development Department Permit Center.
  - Located at 345 N. El Dorado St, Stockton, CA 95202
  - Office hours are from 8:00 a.m. to 4:30 p.m. Monday through Friday, closed alternate Fridays.

## SUBMITTAL CHECKLIST:

- A. Completed Building Permit Application, if not using the Online Permit System. Please include the following information in the project description: original roofing material, number of layers, tear-off or overlay, if a re-sheet is being done, number of squares of material, slope of the roof, and Cool Roof compliance information. See below for information on energy requirements.
- B. Completed Owner/Builder Form (if applicable)
- C. Authorization Letter from the licensed contractor on company letterhead for the individual signing for the permit (if applicable)

## ENERGY CODE REQUIREMENTS:

- When more than 50% of the exterior surface of a residential roof is being replaced and the roof slope is greater than or equal to 2:12, the roofing product must meet the requirements for a Cool Roof. Roof area covered by building integrated photovoltaic and/or solar thermal panels is not required to comply with Cool Roof requirements. Roof areas not covered by photovoltaic or solar thermal panels shall comply with Cool Roof requirements in accordance with the table below.


Climate Zone 12 (City of Stockton)		
Steep Sloped Roofs ≥ 2:12	Aged Solar Reflectance	≥ 0.20
	Thermal Emittance	≥ 0.75 or SRI ≥ 16

- Cool Roof products are not just products that are white in color, but are products (tile, asphalt shingles, etc.) designed to reflect much of the sun's radiant energy back into space instead of transferring it as heat into the building below. The two basic characteristics that determine the performance of a Cool Roof are solar reflectance and thermal emittance. These roofing products must be certified by the Cool Roof Rating Council ([www.coolroofs.org](http://www.coolroofs.org)) per CEC §10-113 and §110.8(i).

**ENERGY CODE REQUIREMENTS (cont.):**

- Non-habitable structures, such as detached garages, are exempt from Cool Roof requirements.
- Roofing products installed to take compliance credit or meet the prescriptive requirements for reflectance and emittance shall be rated by the Cool Roof Rating Council (CRRC) and labeled appropriately by the roofing manufacturer for solar reflectance and thermal emittance. The solar reflectance and thermal emittance properties are rated and listed by the Cool Roof Rating Council at ([www.coolroofs.org/](http://www.coolroofs.org/)).

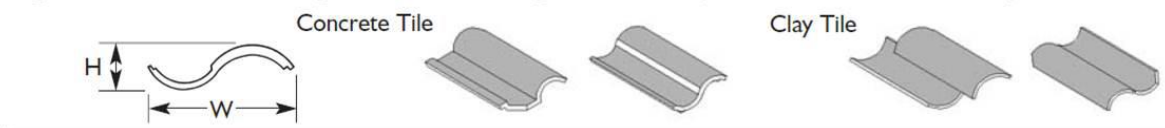
**Sample CRRC Label:**

	<b><u>Initial</u></b>	<b><u>Weathered</u></b>	
	<b>Solar Reflectance</b>	<b>0.00</b>	<b>Pending</b>
	<b>Thermal Emittance</b>	<b>0.00</b>	<b>Pending</b>
Rated Product ID Number		-----	
Licensed Seller ID Number		-----	
Classification	Production Line		
<p>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.</p> <p>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</p>			

**The following are acceptable alternatives to providing a Cool Roof rated product:**

1. Air space of 1-inch provided between the roof deck and the bottom of the roofing product.
2. Roofing product has a profile ratio of rise to width of at least 1:5 for >50% width of roofing product.

**High Profile Tile** – Tiles having a rise to width ratio greater than 1:5 (measured in installed condition)



3. Existing ducts in the attic are insulated and sealed according to CEC Regulations Section 150.1(c)9.
4. Building has at least R-38 roof/ceiling insulation.
5. Roof or attic space has a radiant barrier meeting the requirements of CEC Section 150.1(c)2.
6. Buildings that have no ducts in the attic.
7. R-2 or greater insulation above the roof deck.