



**Cool Roof
Certificate Of Compliance
Prescriptive Residential Reroof Requirements for Roof Slopes Over 2/12**

The California Energy Code requires the installation of a Cool Roof when more than 50% of an existing roof is being replaced. Roofing products with high solar reflectance and thermal emittance are referred to as “Cool Roof”. However, there are exceptions to this requirement. This form specifies the Cool Roofing requirements and provides several options in lieu of Cool Roofing. Cool Roof Products used for compliance with the standards are required to meet or exceed the values specified in Table A and be tested and labeled by the Cool Roof Rating Council (CRRC). The CRRC’s Rated Product Directory can be found at www.coolroofs.org.

TABLE A

Roof Slope	Minimum 3-years aged solar reflectance	Minimum Thermal Emittance	SRI
≤2:12	Not required		
>2:12	0.20	0.75	16

If you are using a cool roof product you must provide the information below.

CRRC Product ID Number	Roof Slope	Aged Solar Reflectance	Thermal Emittance	SRI

Any one of the options listed below can be used in lieu of the cool roof requirements for reflectance, emittance, and SRI listed above. Select which one applies:

- Roof area covered by (PV) solar panels
- Roof construction with thermal mass over the roof membrane with weight of at least 25 lb/ft
- Addition of 300 sq/ft or less
- No ducts located in the attic
- R-38 attic insulation (**Insulation Certificate may be required**)
- Building has a radiant barrier in the attic meeting the requirements of Section 150.1(c) 2.
- R-2 or greater continuous insulation is installed above or below the roof deck.

Applicant’s Signature

Date

VENTILATION GUIDE
CALIFORNIA RESIDENTIAL CODE

- Roof Ventilation: C.R.C. 806.1
- Under-Floor Ventilation: C.R.C. 408.2

The Residential Building Code requires enclosed attic spaces, enclosed rafter spaces and under-floor areas to be ventilated by not less than 1 square foot for each 150 square feet of attic/under-floor area. Vent Openings shall be covered with corrosion-resistant metal/wire mesh with mesh openings of ¼ inch (6.4 mm) in dimension.

Exception: The minimum net free ventilation area shall be 1/300 of the vented space provided that the following conditions are met:

Not less than 40 percent and not more than 50 percent of the required ventilating area is provided by ventilators located in the upper portion of the attic or rafter space. Upper ventilators shall be located not more than 3 feet (914 mm) below the ridge or highest point of the space, measured vertically. The balance of the required ventilation provided shall be located in the bottom one-third of the attic space. Where the location of wall or roof framing members conflicts with the installation of upper ventilators, installation more than 3 feet (914 mm) below the ridge or highest point of the space shall be permitted.

- Vents in the Wildland Urban Interface (WUI) C.R.C R806.1.1

Openings shall be in accordance with Sections R337.6.1 through R337.6.2 to resist building ignition from the intrusion of burning embers and flame through the ventilation openings