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"Partnering to Improve Consistency & Customer Service"

RESIDENTIAL COOL ROOF REQUIREMENTS

Under the provisions of the 2025 California Energy Code, steep-sloped (*2:12 slope and greater*) re-roof projects are required to comply with cool roof requirements when more than 50% of the roof is replaced in Climate Zone 11. **ONE** of the items listed below shall be met when completing residential re-roof projects:

- Install a compliant cool roof material that is listed in the Cool Roof Rating Council (CRRC) Rated Product Directory (0.20 aged solar reflectance, 0.75 thermal emittance or an SRI of 16). <http://coolroofs.org/products/results>,

		Initial	Weathered
	Solar Reflectance	0.00	Pending
	Thermal Emittance	0.00	Pending
	Rated Product ID Number	----	----
	Licensed Seller ID Number	----	----
Classification	Production Line		
<small>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. Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</small>			

(Cool Roof Product Label Example)

- Building has at least R-38 ceiling insulation (wood framed)
- Buildings with R-2 or greater continuous insulation above or below the roof deck
- Roof of attic spaces has a radiant barrier according to CEC Section 150.1(c)2
- Roofs with a weight of at least 25lb/sf
- Roof is covered by building integrated photovoltaic panels or building integrated solar thermal panels.

If the entire roof sheathing over a ventilated attic is replaced, **ONE of the items listed below:**

- Radiant barrier installed meeting install and attic ventilation requirements of RA4.2.1; R-49 ceiling insulation with insulation depth maintained above recessed downlight luminaires; and meet the air barrier requirements of §150.2(b)1Jii in which accessible areas of the ceiling plan between the altered attic and the conditioned space are to meet the “Air Leakage Limitation” requirements of §110.7 (all joints, penetrations and other openings in the building envelope that are potential sources of air leakage shall be caulked, gasketed, weather stripped, or otherwise sealed to limit infiltration and exfiltration).
- Radiant barrier installed meeting install and attic ventilation requirements of RA4.2.1 and R-49 ceiling insulation with insulation depth maintained above recessed downlight luminaires. Air barrier requirements will not apply when atmospherically vented space heating or water heating combustion appliances are located inside the pressure boundary of the dwelling unit.
- Radiant barrier installed meeting install requirements of RA4.2.1 with existing R-19 ceiling insulation to remain.