Prescriptive Certificate of Compliance: Residential Reroof		CF-1R-ALT-ReRoof
Project Address:	Climate Zone	Permit #

ROOFING PRODUCTS (COOL ROOFS) *§151(f)12*

When the area of exterior roof surface to be replaced exceeds 50% of the existing roof area, or 1,000 ft², whichever is less, the new roofing area must meet the roofing product "Cool Roof" requirements of §152(b)1Hi, 152(b)1Hii, or 152(b)1Hiii.

Check applicable **alternative** or **exception** below if the roof alteration is exempt from the roofing product "Cool Roof" requirements:

- ☐ Cool roofs not required in Climates Zones 1-12, 14, and 16 with a low sloped roof pitch (less or 2:12 pitch).
- ☐ Cool roofs not required in Climates Zones 1-9, and 16 with a steep-sloped roofs (greater pitch than 2:12) and product weight less than 5/lb/ft².

Alternatives to §152(b)1Hi and §152(b)Hii, Steep-slope roof *(pitch > 2:12)*

- ☐ Insulation with a thermal resistance of at least 0.85 hr·ft²·°F/Btu or at least a 3/4 inch air-space is added to the roof deck over an attic; or
- ☐ Existing ducts in the attic are insulated and sealed according to §151(f)10; or
- ☐ In climate zones 10, 12 and 13, with 1 ft2 of free ventilation area of attic ventilation for every 150 ft2 of attic floor area, and where at least 30 percent of the free ventilation area is within 2 feet vertical distance of the roof ridge; or
- ☐ Building has at least R-30 ceiling insulation; or
- ☐ Building has radiant barrier in the attic meeting the requirements of §151(f)2; or
- ☐ Building has no ducts in the attic; or
- ☐ In climate zones 10, 11, 13 and 14, R-3 or greater roof deck insulation above vented attic.

Exception to §152(b)1Hiii, Low-slope roof *(pitch ≤ 2:12)*

- ☐ Building has no ducts in the attic.

Other Exceptions

- ☐ Roofing area is covered by building integrated; photovoltaic panels and solar thermal panels are exempt from the Cool Roof criteria.
- ☐ Roof constructions that have thermal mass over the roof membrane with at least 25 lb/ft2 are exempt from the Cool Roof criteria.

NOTE: *If any one of the alternatives or exception is checked the Aged Solar Reflectance and Thermal Emittance requirements for roofing products in §118(i) are not applicable. Do not fill table below.*

CRRC Product ID Number[1]	Roof Slope ≤ 2:12	Roof Slope > 2:12	Product Weight < 5lb/ft²	Product Weight ≥ 5lb/ft²	Product Type[2]	Aged Solar Reflectance[3,4]		Thermal Emittance	SRI[5]
	☐	☐	☐	☐		☐[4]			
	☐	☐	☐	☐		☐[4]			

Note: *If no CRRC-1 label is available, this compliance method cannot be used, use the Performance Approach to show compliance,*

1. *The CRRC Product ID Number can be obtained from the Cool Roof Rating Council's Rated Product Directory at www.coolroofs.org/products/search.php*
2. *Indicate the type of product is being used for the roof top, i.e. single-ply roof, asphalt roof, metal roof, etc.*
3. *If the Aged Reflectance is not available in the Cool Roof Rating Council's Rated Product Directory then use the Initial Reflectance value from the same directory and use the equation $(0.2+0.7(\rho_{initial} - 0.2)$ to obtain a calculated aged value. Where ρ is the Initial Solar Reflectance.*
4. *Check box if the Aged Reflectance is a calculated value using the equation above.*
5. *Calculate the SRI value by using the SRI- Worksheet at http://www.energy.ca.gov/title24/ and enter the resulting value in the SRI Column above and attach acopy of the SRI- Worksheet to the CF-1R.*

To apply **Liquid Field Applied Coatings,** the coating must be applied across the entire roof surface and meet the dry mil thickness or coverage recommended by the coatings manufacturer and meet minimum performance requirements listed in §118(i)4. Select the applicable coating:

☐ Aluminum-Pigmented Asphalt Roof Coating ☐ Cement-Based Roof Coating ☐ Other _____

NOTE: *When a Cool Roof is required, the installing contractor shall complete and submit the **CF-6R-ENV-01** for final inspection.*

Declaration Statement

- I certify under penalty of perjury, under the laws of the State of California, the information provided on this form is accurate and complete.
- I certify that the energy features and performance specifications identified on this Certificate of Compliance conform to the requirements of Title 24, Parts 1 and 6 of the California Code of Regulations.

Name:	Signature:
Company:	Date:
Address:	License:
City/State/Zip:	Phone:

For assistance or questions regarding the Energy Standards, contact the Energy Hotline at: 1-800-772-3300.