



## RE-ROOF QUESTIONNAIRE MULTI-FAMILY BUILDINGS

ADDRESS	MATERIAL MANUFACTURER/TYPE	WEIGHT
		PSF

If the net increase in weight to the roof structure **exceeds 4 psf**, the proposed work must be justified via plans and calculations prepared and stamped by a California registered engineer or architect showing roof plans, framing plans with vertical support elements.

### COOL ROOF AND INSULATION REQUIREMENTS

Provide CRRC listed roof approval to inspector: [www.coolroofs.org](http://www.coolroofs.org)

A preconstruction meeting is required prior to beginning re-roof work. To schedule a meeting, contact the City's Building Inspection Supervisor at 949-724-6666.

Is the replacement, recovering or recoating area greater than 2,000 sf or more than 50% of the total roof area?  YES  NO **(C)**

If **YES**, the new roofing may be subject to Cool Roof Requirements (2022 California Energy Code § 180.2(b)1A).

Is the existing roof area covered by building integrated photovoltaic panels and building integrated solar thermal panels?  YES **(C)**  NO

### ROOF COVERING REQUIREMENTS Check applicable box:

- Low-sloped roofs, less than 2:12, shall have a minimum aged solar reflectance of 0.63 and a minimum thermal emittance of 0.75, or a minimum SRI of 75 **(D)**
- Steep-sloped roofs, 2:12 or greater, shall have a minimum aged solar reflectance of 0.25 and a minimum thermal emittance of 0.80, or a minimum SRI of 16 **(E)**
- Steep-slope roof meets one of the equivalent options to cool roof requirements in climate zone 8 to be verified by City inspector: **(C)**
  - a. Ceiling assembly insulated with at least R-38 in the attic. **(H)**
  - b. Building with a radiant barrier in the attic, radiant barrier has an emittance of 0.05, tested in accordance with ASTM C1371 **or** ASTM E408, certified to the Department of Consumer Affairs and it is not installed directly above space sheathing. **(I)**
  - c. Buildings with R-2 or greater continuous insulation above or below the roof deck. **(J)**
- Low or steep-sloped roofs with buildings integrated photovoltaic. **(C)**

### INSULATION REQUIREMENTS Apply regardless of cool roof requirements:

Does the scope of work involve removal of roofing down to the roof deck or to the recover boards?  YES  NO **(G)**

If **YES**, check box:

- Low-slope roof less than 2:12 - Installation of new continuous R-14 insulation or U-factor of 0.039 must be verified by the City inspector at deck inspection. **(F)**
- Low-slope roof less than 2:12 - The area of the roof recoat is not required to be insulated. **(K)**

# RE-ROOF QUESTIONNAIRE

This questionnaire shall be attached to and remain part of the job card which shall be made available to the inspector upon request. The contractor takes full responsibility in adhering to the conditions as stated above.

CONTRACTOR SIGNATURE: \_\_\_\_\_

**FOR OFFICE USE ONLY**

- A. Roof Top Addressing Required**
- B. Roof Top Addressing Exempt**
- C. Cool Roof Exempt**
- D. Cool Roof Low-Slope**

- E. Cool Roof Steep-Slope**
- F. New R-14 Insulation or U-factor 0.039**
- G. New R-10 Added Above Deck**
- H. R-38 in Attic Ceiling (VIF)**

- I. Attic with Radiant Barrier (VIF)**
- J. R-02 or greater (VIF)**
- K. Exempt from insulation verification**

PLAN CHECK ENGINEER: \_\_\_\_\_ DATE: \_\_\_\_\_