



RE-ROOF QUESTIONNAIRE NON-RESIDENTIAL, HOTELS, MOTELS

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.

ROOFTOP ADDRESSING Applies to Low-Sloped or Flat Roofs for Non-Residential Buildings Only:

Is the total building floor area more than 10,000 square feet? YES (A) NO (B) NOT APPLICABLE (B)

If **NO**, the building is exempt for rooftop addressing requirements (City of Irvine Municipal Code § 5-9-517 L.6).

If **YES**, the new rooftop must be provided with the address numbers which are to be arranged parallel to the addressed street. If the building has a span of addresses, the lowest and highest numbers of the range shall be placed at their respective ends of the rooftop. Numerals shall be white on a black background and shall be a minimum of 4 feet high and 18 inches wide. For buildings having light colored roofing, black lettering shall be used in lieu of white lettering.

COOL ROOF AND INSULATION REQUIREMENTS Applies to Conditioned Buildings Only. Provide CRRC listed roof approval to inspector:

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 Building Energy Code § 141(b)2B).

ROOF COVERING REQUIREMENTS Check applicable box:

Non-Residential

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 23 (E)

Hotel/Motel

Low-sloped roofs, less than 2:12, exempt from cool roof requirements in climate zone 8 (C)

Steep-sloped roofs, 2:12 or greater, shall have a minimum aged solar reflectance of 0.20 and a minimum thermal emittance of 0.75, or a minimum SRI of 23 (E)

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:

Applies to low-slope roof projects - Installation of new R-17 continuous insulation or U-factor 0.047 with at least R-10 above deck must be verified by the City inspector at deck inspection (F)

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-17 Insulation or U-factor 0.047 with R-10 insulation
- G. No Insulation Verification - Not removing to deck or recover board

PLAN CHECK ENGINEER: _____ DATE: _____