



# DEPARTMENT OF RESOURCE MANAGEMENT

## Building Division

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### RESIDENTIAL RE-ROOF SUPPLEMENTAL

(Rev: 09-18-23)

Permit #: **ROOF** -

Address of Building: \_\_\_\_\_ Assessor's Parcel #: \_\_\_\_\_

**Yes No**

- Does the structure being Re-Roofed currently have an installed Solar System?
- Will the solar system be reinstalled using **only** the original components?

If **any** components of the solar system are being replaced a separate solar permit may be required.

**RE-ROOF TYPE:**

- Tear-off with New Sheathing
- Tear-off without New Sheathing
- Overlay: # of existing layers? \_\_\_\_\_

*Note: Total number of layers including the new roof is two without structural justification. Low rise or flat roofs with no overlay are permitted without structural review.*

**EXISTING ROOFING MATERIAL:** \_\_\_\_\_ **Slope:** \_\_\_\_\_

**PROPOSED ROOFING MATERIAL:** \_\_\_\_\_ **Weight:** \_\_\_\_\_ lb/ft<sup>2</sup>

*Note: Changing to tile from light roofing requires structural review  
Note: Staples are not approved unless specifically listed/approved by the manufacturer, if so, listing must be provided at inspection.*

**Fire Rating of Proposed Roofing Materials:**

- A
- B - Note: Few areas in Shasta County allow Class B roof covering, so check ahead
- Noncombustible; **Specify Type:** \_\_\_\_\_

#### COOL ROOF

California requires a Cool Roof for conditioned residential structures with roof slopes > 2:12, when 50% or more of the exterior roof surface area is replaced, or more than 1,000 ft<sup>2</sup>, whichever value is less. **Specify the properties of the Cool Roof below or check the exemption that applies to your structure. Your supplier or manufacture will be able to provide you with the information or go to [www.coolroofs.org](http://www.coolroofs.org) or call (866) 465-2523. Note that the exemption(s) selected will be verified at inspection.**

**COOL ROOF PROPERTIES:**

**Aged Value:** \_\_\_\_\_ **CRRC Product ID #:** \_\_\_\_\_

$P_{aged} = 0.2 + \beta[p_{in} - 0.2]$   $p_{in}$  = Initial Reflectance listed with Cool Roof Council

**OR The following are the minimum values the roof:**

Low Slope ≤ 2:12 (Minimum Age Reflectance/Emittance for all material is: 0.63/0.75 or Solar Reflectance Index =75)

Steep Slope > 2:12 (Minimum Age Reflectance/Emittance for all material is: 0.20/0.75 or Solar Reflectance Index =16)

**ICE BARRIER:**

- Climate Zone 16 - Lakehead North & Round Mountain / Shingletown / Manton & Areas East  
*Note: An Ice Barrier is required for Climate Zone 16*

**EXCEPTIONS:**

- Slope is <2:12 *Note: Comp shingles shall not be installed*
- The structure is not conditioned so it is exempt for cool roof requirements
- The structure has the following component, therefore does not require a Cool Roof:
  - ( ) No Ducts in attic ( ) R38 Ceiling Insulation
  - ( ) Radiant Barrier ( ) Duct Test CF1R
- See 2022 CEC Section 150.2(b)1Ii for more exceptions

**Applicant Signature:** \_\_\_\_\_ **Date** \_\_\_ / \_\_\_ / \_\_\_

[California Energy Commission](http://www.energy.com) or Phone: 800-772-3300