

RESIDENTIAL RE-ROOFING SUPPLEMENTAL APPLICATION

(commercial projects require the commercial re-roofing supplement)

Assessor's Parcel Number: _____ Address of Building: _____
(Staples are not approved unless specifically listed/approved by the manufacturer and the listing provided to the inspector.)

Re-roof type: Overlay: Total number of layers allowed is two without structural justification.
Low rise or flat roofs no overlay permitted without structural review.

Tear-off with New Sheathing: Tear-off without New Sheathing

Existing Roofing Material: _____ Slope: _____ (Skip Cool Roof if slope is $\leq 2:12$)
(Change to tile from light roofing requires structural review)

Proposed Roofing Material: _____ Weight lb/ft² _____ Fire Rating: A , B , Noncombustible
(There are only a few areas in Shasta County that a Class B roof covering is permitted so check ahead)

COOL ROOF

For all applications on or after 1/1/2010, California has implemented new standards that will require a Cool Roof (manufactured to reflect heat back to the sky) installed on conditioned residential structures with roof slopes $> 2:12$ when the area of exterior roof surface to be replaced exceeds more than 50% of the existing roof area, or more than 1,000 ft², whichever is less unless the structure meets one of the exemptions listed below.

1) Check the climate zone you are in:

- Climate Zone 11 (all re-roof types)
- Climate Zone 16 (only for material ≥ 5 lb/ft² (tile)) North of Lakehead & Round Mountain/Shingletown & areas east

2) Specify the Cool Roof properties of the roof OR check the exemption that applies to your structure. Remember you will need to have the product labeling for the inspector or provide access to the inspector to the exemption you checked. Your supplier or manufacture will be able to provide you with the information or go to www.coolroofs.org or call (866) 465-2523.

Cool Roof properties _____ And the CRRC Product ID Number _____ **OR**

• Exemption:

- The structure is not conditioned so it is exempt for cool roof requirements
- My structure has the following component and does not require a Cool Roof installed:
 - No Ducts in attic
 - R30 Ceiling Insulation
 - Radiant Barrier
 - Duct Test CF4R

The following are the minimum required values of a Cool Roof being installed:

Minimum Age Reflectance/Emittance for material weighing < 5 lb/ft² is: 0.20/0.75 or SRI = 16

Minimum Age Reflectance/Emittance for material weighing ≥ 5 lb/ft² is: 0.15/0.75 or SRI = 10

If the aged value is not available provide the calculated value: _____

REFLECTANCE_{aged} = $(0.2 + 0.7[p_{in} - 0.2])$ p_{in} = Initial Reflectance listed with Cool roof Council
SRI = Solar Reflectance Index

Permit Applicant: Print _____ Sign _____