



**CITY OF ANGELS
BUILDING DEPARTMENT
200 B MONTE VERDA STREET
P.O. BOX 667
ANGELS CAMP, CA 95222
(209)736-1346**



Re-Roof Information Sheet

-----COMPLETE FOR ALL RE-ROOF APPLICATIONS-----

Project Address: _____

Slope of Roof: _____ # of Existing Layers: _____ Existing Roof Material: _____

Check all that apply for the new roof:

<input type="checkbox"/> comp (85 mph wind speed)	<input type="checkbox"/> tile	<input type="checkbox"/> shake	<input type="checkbox"/> wood shingle
<input type="checkbox"/> built-up	<input type="checkbox"/> bitumen	<input type="checkbox"/> metal	<input type="checkbox"/> other _____
<input type="checkbox"/> tear-off existing	<input type="checkbox"/> overlay	<input type="checkbox"/> new sheathing	<input type="checkbox"/> _____

Steep Roof=Pitch greater than 2:12

Choose only one:

<input type="checkbox"/> Steep roof with products less than 5 lb per square feet shall have min. aged solar reflectance of 0.20 and a min. thermal emittance of 0.75, or a min. SRI of 16. Fill out CF-6R ENV-01 form OR check alternate (alt)	<input type="checkbox"/> Steep roof with product more than 5 lb per square foot shall have a min. aged solar reflectance of 0.15 and a min. thermal emittance of 0.75, or a min. SRI of 10. Fill out CF-6R ENV-01 form OR check alternate (alt).
<input type="checkbox"/> alt Building with at least R-30 ceiling insulation (approximately 10" thick if blown in).	<input type="checkbox"/> alt Building has no HVAC ducts in the attic (evaporative cooling duct exempt).
<input type="checkbox"/> alt Existing ducts insulated with R-6 and H.E.R.S. duct tested to verify ducts are sealed.	<input type="checkbox"/> alt R-3 or greater roof deck insulation above vented attic.
<input type="checkbox"/> alt Building with radiant barrier in attic.	<input type="checkbox"/> alt 3/4" air-space added to roof deck over an attic (ridge vent).

What is the Fire Class of the Proposed Roofing Material? Class A Class B Class C

Is the Building in the High Fire Hazard Severity Zone? Yes No

-----**INSTRUCTIONS FOR RESIDENTIAL PROJECTS**-----

- Re-roofing projects in the High Fire Hazard Severity Zone must be Class A rated. A specification sheet from the roofing manufacturer must accompany this application showing compliance with required Class A rating.
- No plastic, fiberglass or acrylic roofing panels may be used. This includes patio covers.
- Pre re-roof, roof nail (for roofs with new sheathing), and final inspections are required.
- Manufacturers specifications for Cool Roof compliance when required, shall be provided for inspector.

-----**INSTRUCTIONS FOR COMMERCIAL PROJECTS**-----

- Re-roof projects in the High Fire Hazard Severity Zone must be Class A rated.
- Commercial roofs on decks with a slope of 2:12 or less must meet the 2008 Building Energy Efficiency Standards by being a certified Cool Roof. A copy of the standards, signed by the applicant must accompany this application unless exempted.
- Overlays that exceed 100 pounds per square must be accompanied by calculations performed by a California licensed Civil or Structural Engineer. All overlays must comply with California Building Code CBC Section 1510-3.
- A specification from the roofing manufacturer must accompany this application. The specification should list the fire class of the material, a description of the materials or layers that must be installed, the Cool Roof certification (if required because of the slope of the roof), and installation requirements.
- Packaging materials w/ CRRC labels must be left on the job-site to demonstrate compliance with the specification for the fire rating of the cool roof rating if applicable.

Applicant Signature: _____ Date: _____



COOL ROOF INFORMATION SHEET

Project Address: _____

Slope of Roof _____ # of Existing Layers _____ Existing Roofing Material _____

Check all that applies to NEW roof:

<input type="checkbox"/>	Composition	<input type="checkbox"/>	Tile	<input type="checkbox"/>	Shake	<input type="checkbox"/>	Wood Shingle
<input type="checkbox"/>	Built Up	<input type="checkbox"/>	Bitumen	<input type="checkbox"/>	Metal	<input type="checkbox"/>	Other
<input type="checkbox"/>	Tear Off Existing	<input type="checkbox"/>	Overlay	<input type="checkbox"/>	New Sheathing	<input type="checkbox"/>	

The California Energy Commission (CEC) has adopted new requirements for re-roofing projects. Beginning January 1, 2010 when more than 50% of the exterior surface of the roof or more than 1,000 square feet of roof is replaced, 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.

For roof slopes of greater than 2:12:

Roofing products with a density of less than 5 lbs/sq/ft (i.e. asphalt shingles) shall have a min. 3-year aged solar reflectance of 0.20 and a min. thermal emittance of 0.75, or a Solar Reflectance Index (SRI) of 16. Or check alternate (alt)	Roofing products with a density of 5lbs/sq/ft or more (i.e. concrete, clay tiles or slate) shall have a min. 3-year aged solar reflectance of 0.15 and a min. thermal emittance of 0.75, or a SRI of 10. Or check alternate (alt)
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Note: Manufactures specification for Cool Roof compliance when required shall be provided for inspector. Packaging materials w/CRRC labels must be left on the job-site to demonstrate compliance with the specification for the cool roof rating.

ALTERNATE (ALT) Alternatives to §152(b)1Hi, 152(b)1Hii, or 152(b)1Hiii, Steep-slope roof (pitch > 2:12)

Alternatives to the Cool Roof requirement may be **one** of the following:

Building with at least R-30 ceiling insulation (approximately 10" thick if blown in).	If in climate Zone 11, R-3 or greater roof deck insulation above vented attic.
Existing ducts insulated with R-6 and H.E.R.S. duct tested to verify ducts are sealed.	Building has no HVAC ducts in the attic (evaporative cooling duct exempt).
Building with a radiant barrier in attic meeting the requirements of §151(f)2.	Insulation over roof deck or at least 3/4" air space is added to the roof deck over an attic.

Other Exceptions:

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

-----**INSTRUCTIONS FOR COMMERCIAL PROJECTS**-----

- Commercial roofs on decks with a slope of 2:12 or less must meet the 2008 Building Energy Efficiency Standards by being a certified Cool Roof. A copy of the standards, signed by the applicant must accompany this application.
- Overlays that exceed 100 pounds per square must be accompanied by calculations performed by a California licensed Civil or Structural Engineer. All overlays must be approved by the Building Inspector and other requirements listed within Appendix Chapter 15, California Building Code.
- A specification from the roofing manufacturer must accompany this application. The specification should list the fire class of the material, a description of the materials or layers that must be installed, the Cool Roof certification (if required because of the slope of the roof), and installation requirements.
- Packaging materials x/CRRC labels must be left on the job-site to demonstrate compliance with the specification for the cool roof rating if applicable.

I agree that the information provided on this document is accurate and true.

Applicant's Signature: _____

Date: _____