



BUILDING PERMIT APPLICATION and Submittal Requirements

A DEPOSIT WILL BE REQUIRED FOR EACH APPLICATION



City of Redding
777 Cypress Avenue
Redding CA 96001
Telephone:
(530) 225-4013
FAX: (530) 225-4360

CONSTRUCTION ADDRESS	

OWNER			
Name:			
Address:			
City	State	Zip	
Phone:	Fax:		

CONTRACTOR			
Name:			
Address:			
City	State	Zip	
Phone:	Fax:		
City License Number	State License Number	Class	

If a contractor is specified, he/she is responsible for signing and taking out the permit.

ARCHITECT/ENGINEER			
Name:			
State License Number:			
Address:			
City	State	Zip	
Phone:	Fax:		

CONTACT PERSON			
Name:			
Address:			
City	State	Zip	
Phone:	Fax:		

OFFICE USE ONLY	
Received by:	Permit Center Number

LOCATION		
Subdivision Name:		
Cross Street:		
Unit	Lot Number:	A.P. Number(s):

WORKERS' COMPENSATION	
Policy Number:	
Carrier:	
<i>If hiring anyone other than licensed contractors, a certificate of workers' compensation must be shown at the time of permit issuance.</i>	

LENDING AGENCY	
Name:	
Address:	

PROJECT INFORMATION		
Need Temporary Pole <input type="checkbox"/> Yes <input type="checkbox"/> No	Project Value \$	Master Plan

<i>Identify and describe the work and indicate the use or occupancy to be covered by the permit.</i>

Need a water meter?
<input type="checkbox"/> Yes <input type="checkbox"/> No Size:

Estimate of Fees Needed?	<input type="checkbox"/> Yes <input type="checkbox"/> No
---------------------------------	--

APPLICANT SIGNATURE	



Re-Roof Information Sheet

REDDING CALIFORNIA
City of Redding
777 Cypress Avenue
Redding CA 96001
Tel.: (530) 225-4013
FAX: (530) 225-4360
www.ci.redding.ca.us

Project Address: _____

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

Check all that apply for the 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"/>	_____

Steep Roof = Pitch Greater than 2:12 Choose only one:

<input type="checkbox"/>	steep roof w/products less than 5 lb per sq ft 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 w/product more than 5 lb per sq ft 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)
alt <input type="checkbox"/>	building with at least R-30 ceiling insulation (approximately 10" thick if blown in)	alt <input type="checkbox"/>	building has no HVAC ducts in the attic (evaporative cooling duct exempt)
alt <input type="checkbox"/>	existing ducts insulated with R-6 and H.E.R.S. duct tested to verify ducts are sealed	alt <input type="checkbox"/>	R-3 or greater roof deck insulation above vented attic
alt <input type="checkbox"/>	building with a radiant barrier in attic	alt <input type="checkbox"/>	3/4" air-space added to roof deck over an attic

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
(map of the zone can be seen at: <http://www.ci.redding.ca.us/devserv/pdfs/fire/fire-hazard-zone.pdf>)

-----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 specification for Cool Roof compliance when required, shall be provided for inspector.

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

- Re-roofing 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 2007 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 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 or the cool roof rating if applicable.

Applicant Signature _____ Date _____

2005 BUILDING ENERGY EFFICIENCY STANDARDS

Section 118 - Mandatory Requirements for Cool Roofs

(i) **Mandatory Requirements for Cool Roofs.** In order to qualify for compliance credit as a cool roof or meet the requirements of Section 143 (a) 1 or 149 (b) 1B, a cool roof shall be certified and labeled according to the requirements of Section 10-113 and meet conditions 1 or 2 and, for liquid applied roofing products, 3 below.

1. Any roofing product with an initial thermal emittance greater than or equal to 0.75 when tested in accordance with CRRC-1 shall have a minimum initial solar reflectance of 0.70 when tested in accordance with CRRC-1.

EXCEPTION to Section 118 (i) 1: For low-rise residential buildings, concrete tile (as defined in ASTM C55) and clay tile (as defined in ASTM C1167) roofing products shall have a minimum initial thermal emittance of 0.75 and a minimum initial solar reflectance of 0.40 when tested in accordance with CRRC-1.

2. Any roofing product with a minimum initial thermal emittance $\epsilon_{\text{initial}}$ less than 0.75 when tested in accordance with CRRC-1, including but not limited to roof products with metallic surfaces, shall have a minimum initial solar reflectance of $0.70 + 0.34 * (0.75 - \epsilon_{\text{initial}})$ when tested in accordance with CRRC-1.
3. Liquid applied roof coatings applied in the field as the top surface of a roof covering shall be applied at a minimum dry mil thickness of 20 mils across the entire roof surface, and meet the minimum performance requirements listed in TABLE 118-C.

EXCEPTION 1 to Section 118 (i) 3: Aluminum-pigmented asphalt roofing coatings shall meet the requirements of ASTM D2824 or ASTM D6848 and shall be installed as specified by ASTM D3805.

EXCEPTION 2 to Section 118 (i) 3: Cement-based roof coatings shall be applied at a minimum dry mil thickness of 30 mils when installed over a capsheet surface, 40 mils when installed over a metal surface, and 200 mils when installed over a rock or gravel surface. Cement-based roof coatings shall contain a minimum of 20% cement, and shall meet the requirements of ASTM D822.

Section 149 - Additions, alterations, and repairs to existing buildings that will be nonresidential, high-rise residential, and hotel/motel occupancies

- B. Replacements, recovering or recoating of the exterior surface of existing nonresidential low-sloped roofs shall meet Subsection i or ii where more than fifty percent of the roof or more than 2,000 square feet of roof, whichever is less, is being replaced, recovered or recoated.

- i. The roof shall meet the requirements of either 118 (i) 1 or 118 (i) 2; and for liquid applied roof coatings, Section 118 (i) 3 or
- ii. The building envelope, which has a roof replacement subject to this requirement, shall comply with Section 143 (b), where
 - a. the standard building has a solar reflectance which meets the requirements of Section 143 (a) 1 and the other terms in Equation 143-D correspond to the existing building at the time of the application of the permit, and
 - b. the proposed building has either:
 - (1.) the solar reflectance of the replacement roof product, as certified and labeled according to the requirements of Section 10-113 and the roof product meets the requirements of Section 118 (i) 3, or
 - (2.) a solar reflectance of 0.10 if the product has not been certified and labeled and/or does not meet the requirements of Section 118 (i) 3, and
 - (3.) has the other improvements to the building envelope necessary to comply.

EXCEPTION to Section 149 (b) 1B: Roof recoverings allowed by the CBC are not required to meet Section 149 (b) 1B when all of the following occur:

- 1. The existing roof has a rock or gravel surface, and
- 2. The new roof has a rock or gravel surface, and
- 3. There is not removal of existing layers of roof coverings of more than fifty percent of the roof or more than 2,000 square feet of roof, whichever is less; and
- 4. There is not recoating with a liquid applied coating; and
- 5. There is no installation of a recover board, rigid insulation or other rigid, smooth substrate to separate and protect the new roof recovering from the existing roof.

Contractor: Please have roof packaging available for building inspector to view.

I acknowledge receipt of the above mandatory requirements for cool roofs:

Contractor's Signature: _____