



City of Colton

Development Services Department

Building Division
659 North La Cadena Drive
Colton, CA 92324
(909) 370-5079

Reroof Building Permit Requirements

Effective January 1, 2020 the City of Colton adopted the 2019 California Building, Electrical, Plumbing, Mechanical, Green Building, Energy and Fire Codes. (Title 24)

General Information

Permits may be obtained through one of the following:

- The Property Owner or his/her Insured California State Licensed Contractor:
 - C-39 Roofing Contractor or a B licensed contractor **ONLY** in conjunction with the required multiple trade(s) requirements of the California State License Board 7057. (b):

“A general building contractor shall not take a prime contract for any project involving trades other than framing or carpentry unless the prime contract requires at least 2 unrelated building trades... or unless contractor holds the appropriate license classifications or subcontracts with an appropriate licensed specialty contractor to perform the work.”

- Planning Approval will be required if the property is located in within a Specific Plan, Historic Zones, or designated a Historic Landmark.

Documents Required

All forms are required to be of the physical type at time of permit submittal.

- Permit Application completed and signed.
- Picture ID of Owner/Licensed Contractor or:
 - Notarized Letter of Authorization if agent of Owner/Licensed Contractor
- CF1R – Residential Alteration Reroofing form completed and signed.

Required Inspections

Required Inspections are based on the type of Reroof being done.

- Tear-off reroof will require 2 Inspections:
 - 1st Inspection – Roof Sheathing:
 - *After existing roofing material is removed, but before new roofing material is installed.*
 - 2nd Inspection – Final:
 - *When all work has been completed.*
- Roofing Overlay (Max 2 layers)
 - Final Inspection:
 - *When all work has been completed.*

RESIDENTIAL ALTERATIONS - REROOFING

CERTIFICATE OF COMPLIANCE

CF1R-ALT-01-E

REROOFING

Prescriptive Residential Alterations for Reroofing in Climate Zone 10

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A. GENERAL INFORMATION

Site address:		Existing roofing type:	
City, Zip Code:	COLTON, CA	New roofing type:	
Building Type:	<input type="checkbox"/> Single Family Dwelling <input type="checkbox"/> Multi Family Dwellings	Total roof area (sqft):	
Climate Zone:	10	Total reroof area (sqft):	
		% reroof area:	

C. ROOF REPLACEMENT (COOL ROOF)*

1	2	3	4	5	6	7	8	9	10	11	12	13	
													Method of Compliance
						Proposed						Minimum Required	

NOTES

- Roof area covered by building integrated photovoltaic panels and solar thermal panels are exempt from the above Cool Roof requirements.
- Liquid field applied coatings must comply with installation criteria from section 110.8(i)4.

*** ROOF REPLACEMENT (Prescriptive Alteration, Section 150.2(b)1H)**

When 50% or more of the roof is being replaced the roofing requirements are triggered. Any areas of roof covered by building integrated photovoltaic panels and solar thermal panels (the area of roof not covered by photovoltaic panels would still need to meet any applicable cool roof requirements). Additionally, there are many alternatives/exceptions when a cool roof is required. When the roof is steep slope (pitch > 2:12) the roof requirements include a cool roof in climate zones 10-15. The minimum requirement is 0.20 aged solar reflectance, 0.75 thermal emittance, or a minimum SRI of 16. When the roof is low slope (pitch ≤ 2:12) cool roof is NOT required in climate zone 10.

Instructions for sections with column numbers are given below:

1. **Method of Compliance:** indicate if the method of compliance is going to be based on Aged Solar Reflectance and Thermal Emittance, the Solar Reflectance Index (SRI), or an Exception.
2. **Roof Pitch:** Expressed as 4:12, for example, which means the roof rises 4 foot within a span of 12 feet. When roofs have multiple pitches the requirements are based on the pitch of 50% or more of the roof.
3. **Exception:** if meeting one of the exceptions. Indicate which exception is, or will be, met.

EXCEPTIONS AND ALTERNATIVES FOR STEEP SLOPE ROOFS:

- a) Mass roof 25 lbs/ft2 or greater (uncommon situation such as sod roof);
- b) Air space 1" from top of roof deck to bottom of roofing;
- c) Roofing product has a profile ratio of rise to width of 1 to 5 for 50 percent or greater of the width of the roofing product;
- d) Ducts already meet Section 150.1(c) insulation and duct leakage requirements;

CERTIFICATE OF COMPLIANCE**Prescriptive Residential Alterations for Reroofing in Climate Zone 10****CF1R-ALT-01-E REROOFING**

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- e) Roof has R-38 insulation;
- f) Roof has a radiant barrier;
- g) No ducts are installed in the attic; or
- h) R-4 insulation above the roof deck.

NOTE: if one of the exceptions above has been selected than the rest of Section C is Not Required.

4. The CRRC Product ID Number is obtained from the Cool Roof Rating Council's Rated Product Directory at www.coolroofs.org/products/results. Products are listed by manufacturer, brand, type of installation, roofing material, and color, as well as product performance.
5. **Product type:** See Cool Roof Rating Council's directory. Generally product types include single-ply roof, wood shingles, asphalt roof, metal roof, and tile roof.
6. **R-value Deck Insulation:** If one of the exceptions selected includes adding roof deck insulation, indicate the R-value of insulation.
7. **Proposed Initial Solar reflectance:** base on the product chosen from the Cool Roof Rating Council's Rated Product Directory. If using default assumption indicate NA since the Aged solar reflectance is available.
8. **Proposed Aged Solar Reflectance:** Value is from the Cool Roof Rating Council's Rated Product Directory. If the aged value is not available, calculate the calculated Aged Solar reflectance using the Solar Reflectance Index (SRI) Calculation worksheet located on the California Energy Commission website or the aging equation $\rho_{aged} = [0.2 + \beta[\rho_{initial} - 0.2]]$, where $\rho_{initial}$ = the initial solar reflectance and soiling resistance β is listed by product type below.

Product Type	CRRC Product Category	β
Field-Applied Coating	Field-Applied Coating	0.65
Other	Not A Field-Applied Coating	0.70
9. **Proposed Thermal Emittance:** From the product specification default value. If using a calculated SRI place the thermal emittance used to calculate SRI.
10. **Proposed SRI:** It is optional to meet either the SRI but if chosen to do so, use the Solar Reflectance Index (SRI) Calculation Worksheet found on the California Energy Commission website <http://www.energy.ca.gov/title24/>.
11. **Minimum Required Aged Solar Reflectance:** Based on climate zone and roof slope.
12. **Minimum Required Thermal Emittance:** Based on climate zone and roof slope.
13. **Minimum SRI:** Based on climate zone and roof slope.

NOTE: if the cool roofing requirements will be met by a liquid field applied coating, Section 110.8(i)4 requires the coating be applied across the entire roof surface and meet the dry mil thickness or coverage recommended by the manufacturer.

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

• I certify that this Certificate of Compliance documentation is accurate and complete.

Name:	<input type="checkbox"/> Owner <input type="checkbox"/> Authorized agent <input type="checkbox"/> Contractor	Signature:
Company:		Contractor license #:
Address:		Phone:
City/State/Zip:		Date:

For assistance or questions regarding the Energy Standards, contact the Energy Hotline at: 1-800-772-3300.