



City of Campbell
70 N 1st Street
Campbell, CA 95008
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www.cityofcampbell.com

Re-roofing Handout

March, 2018

Purpose

Re-roof permits are required to ensure that the installation of roofing materials, including plywood decking, nailing, flashing, etc. are properly installed for residential and non-residential buildings Roof Assemblies and rooftop structures according to the provisions of Chapter 15: (2016 California Building Code). This handout outlines the necessary information required to obtain a building permit and shows different allowable construction methods to successfully complete the project.

Work Description

Obtain the following information regarding the existing condition and proposed roofing materials:

- Existing – top and/or second layer material, specify if existing roof material will be removed or if project consists of an overlay.
- Proposed – if overlaying, provide number of layers, type of material and weight per each square; sheathing type; roof skylight locations (include ICC or UL listing number) number of roofing squares.

Overlay on Existing Built-up Roofs

Built-up roof covering may be applied over one existing roof covering provided the roof structure is sufficient to sustain the weight of the additional roof. All blisters, buckles and other irregularities shall be cut and made smooth and secure; a base sheet shall be secured in place with approved fasteners. The following conditions shall be prepared for these applications:

1. Gravel-surfaced Roofing

All existing gravel shall be cleaned of loose gravel and debris. The base sheet shall not be

mopped to the old roofing. New roofing conforming to Section 1507.10, 1507.11 shall be applied.

2. Smooth or Cap-sheet Surface

A base sheet shall be nailed or, in the case of non-nailable decks, mopped to the existing roofing. Apply new roofing conforming to CBC Section 1507.12, .13, .14, .15.

Identify ASTM/Standards ESR report

Identify Ventilation Requirements per 1203.2 and manufacturers' installation instructions.

One layer 18-in (457 mm) Type 30 nonperforated felt interlaced between shake courses required.

Type 30 nonperforated felt underlayment required for roofing. *Structural calculations required when tile material is in excess of 350 pounds per square.

Prior to permit issuance, a structural analysis will be required when reroofing with tile in place of a lighter roofing material. Composite materials include: tile, cellulose, cement, and any products with weights in excess of 350 pounds per square.

Submittal of structural calculations (two "wet" stamped and signed sets) prepared by a licensed professional engineer shall be submitted in order to evaluate if the existing roof structure is adequate to sustain the added load. Analysis may be required at the Building Official's discretion.

Commercial Buildings must comply with California cool roof standards and a CRRC form completed on line and brought to the Building Department. The California Energy Commission website is http://www.energy.ca.gov/title24/2016standards/sri_calculator/

Inspections

Overlay Applications

1. Pre inspection
To be sure roof is ready for overlay.
2. Final Inspection
Required only after the project is complete.

Tear off (No Sheathing)

1. Tear off inspection
To be sure roof is ready for new cover.
2. Final Inspection
Required only after the project is complete.

- 1 A. **Roof Sheathing Inspection**

Required after the existing roof is torn off completely; new decking, nails and staples are installed according to nationally recognized standards, and roof assembly installation instructions. Inspection is required prior to concealing the roof with felt, paper, roofing or any other material concealment.

B. Provide 1" to combustibles at all "B" vents.

2. Final Inspection
Required after the project is complete.

Inspection Phone Line

The inspection phone line is **(408) 866-2706**, available 24 hours/day. Inspection requests received after 12:00 am will be scheduled for the following business day.

AM=8:30-12:00

PM=1:00-5:00

Fees

Re-roofing permit fees are based on the total value of all construction work (including labor and materials). Consult with a Permit Technician for details.

Application Forms

An Application for Permit form may be requested at the Building Safety & Inspection office located at:

Address: 70 N 1st Street Campbell 95008

Phone: (408) 866-2130

*Hours: Monday through Friday
8 am – 5 pm*

Or online at www.cityofcampbell.com