



Wildland-Urban Interface (WUI) Residential Roofing Permit Requirements

2022 California Residential Code (CRC) R337

Modified to comply w/ SCMC 19.05.27

APPLICATION [R337.1] Wildland-Urban Interface (WUI) Construction Requirements apply to building materials, systems and or assemblies used in the exterior design and construction of new buildings and all new materials used for additions and remodels to existing buildings (italicized per SCMC 19.05.27) located within a Fire Area.

For map of WUI zones in the City of Santa Cruz, see: <https://www.cityofsantacruz.com/home/showdocument?id=78236>

- All WUI zones in the City of Santa Cruz are deemed to be “*very-high fire hazard severity zones.*”

WUI Construction Requirements *do not* apply to:

- Group U occupancy buildings (e.g., garage, shed, etc.) not exceeding 120 square feet in floor area, when located at least 30 feet from an applicable building.
- Group U occupancy buildings of any size located least 50 feet from an applicable building.

ROOFING [R337.5] Roofs shall comply with the requirements of Sections R337 and R902. Roofs shall have a roof-covering assembly installed in accordance with its listing and the manufacturer's installation instructions and the following additional requirements:

- **Class A roofing required.** As tested by ASTM E108 or UL790
- **Roof coverings.** Where the roofing profile has an airspace under the roof covering and installed over a combustible deck, a 72 lb. cap sheet complying with ASTM D3909 shall be installed over the roof deck.

Exception: Cap sheet is not required when no less than 1 inch of mineral wool board or other noncombustible material is located between the roofing material and wood framing or deck.

- Alternately, a Class A fire rated roof underlayment, tested in accordance with ASTM E108, shall be permitted to be used. If the sheathing consists of exterior fire-retardant-treated wood, the underlayment shall not be required to comply with a Class A classification.
- Bird stops shall be used at the eaves when the profile fits, to prevent debris at the eave.
- Hip and ridge caps shall be mudded in to prevent intrusion of fire or embers.
- **Roof valleys.** Where valley flashing is installed, the flashing shall be not less than 0.019-inch (No. 26 gage) galvanized sheet corrosion-resistant metal installed over not less than one layer of minimum 72-pound mineral-surfaced non-perforated cap sheet complying with ASTM D3909, at least 36-inch-wide running the full length of the valley.
- **Roof gutters.** Roof gutters shall be provided with the means to prevent the accumulation of leaves and debris in the gutter.

See CRC R337 for the full code text and additional requirements/standards.