



COUNTY OF ALPINE
Community Development

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WILDLAND-URBAN INTERFACE FIRE REGULATIONS
FOR NEW BUILDINGS IN ANY FIRE HAZARD SEVERITY ZONE

Please note that listed items are general information. Refer to the text of the 2022 California Building Code (CBC) Chapter 7A, or the 2022 California Residential Code (CRC), as applicable, for full descriptions. www.bsc.ca.gov

1. Roof valley flashings shall be not less than No. 26 gage sheet corrosion-resistant metal installed over a minimum 36-inch-wide underlayment consisting of one layer of 72-pound cap sheet running the full length of the valley. *CBC 705A or CRC R337.5*

2. Off-ridge and ridge vents located on a sloped roof shall be protected by corrosion-resistant, noncombustible wire mesh with min. 1/16 in. & max. 1/8 in. openings, or a "Listed" vent. *CBC 706A or CRC R337.6*

3. Ventilation openings, either in the horizontal or vertical plane, shall be fully covered with Wildfire Flame & Ember Resistant vents approved and listed by the CA State Fire Marshall, or WUI vents tested to ASTM E2886. *CBC 706A.3 or CRC R337.6.3 4*

4. Roof eaves and roof eave soffits shall be protected by ignition-resistant materials or noncombustible construction on the exposed underside. *CBC 707A or CRC R337.7*

5. Exterior walls shall be protected by approved noncombustible or ignition-resistant materials or assemblies, heavy timber, or log construction, with wall coverings extending from the top of the foundation to the roof, and terminate at 2-inch solid blocking between rafters at all roof overhangs, or in the case of enclosed eaves, terminate at the enclosure. *CBC 707A or CRC R337.7*

6. The underside of porch ceilings, elevated buildings and appendages shall be protected with approved noncombustible or ignition-resistant materials, heavy timber, or be enclosed to grade as with walls noted in CBC 707A.3. *CBC 707A.8 or CRC R337.7*

7. Exterior glazing and window walls shall be insulating-glass units with a minimum of one tempered pane, glass block units, or have a fire resistance rating of not less than 20 minutes. *CBC 708A.2 or CRC R337.8*

8. Exterior door assemblies shall be noncombustible or ignition-resistant material, solid core not less than 1 3/8" thick, or 20-minute rated. *CBC 708A.3 or CRC R337.8.3*

9. Decking surfaces, deck flashing, stairs, risers, treads, landings, porches, balconies, etc. within 10' of the primary structure shall be ignition-resistant, heavy timber, exterior fire-retardant-treated wood (2 x redwood decking may meet this requirement). *CBC 709A or CRC R337.9*

10. Miscellaneous structures and accessory buildings that require a permit may be required to be constructed utilizing approved noncombustible or ignition-resistant materials or assemblies, dependent upon their proximity to the primary structure. *CBC 710A or CRC R337.10*

Please refer to the Wildland Urban Interface (WUI) Products manual published by Cal-Fire for approved products <https://34c031f8-c9fd-4018-8c5a-4159cdf6b0d-cdn-endpoint.azureedge.net/-/media/osfm-website/what-we-do/fire-engineering-and-investigations/building-materials-listing/2023-sfm-wui-listed-products-handbook-11-14-2023.pdf?rev=d52feb0c9f6a447dba33d03b70cf0cde&hash=2E25CFA16769AE08CCE5561B7F4E1573>