



City of Rancho Cucamonga
Building and Safety Department
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ROOFING

(High wind installation requirements)

Because of the severe winds native to the Rancho Cucamonga area, the following information applies to all new and replacement roofs:

1. Planning Division approval is required for all roofing materials prior to building permit issuance.
2. All roofs shall be installed per the manufacturer's high wind specifications and the appropriate application tables contained within the most recently adopted California Building Code (Chapter 15).
3. All new roofs shall be installed over solid sheathing.
 - a). Asphalt Composition:
Asphalt composition roofs are to be anchored with a minimum of 6 fasteners per shingle. Fasteners are to be long enough to penetrate into the roof sheathing a minimum of $\frac{3}{4}$ " or through the thickness of the sheathing whichever are less.
 - b). Tile:
The heads of all tiles shall be nailed. The noses of all eave course tiles shall be fastened with approved clips. All rake tiles shall be nailed with two nails, and the noses of all ridge, hip and rake tiles shall be set in a bead of approved roofer's mastic. In addition, battens shall be provided when required by manufacturer's specifications or Chapter 15 (separate inspection required). Fasteners shall be long enough to penetrate into the roof sheathing a minimum of $\frac{3}{4}$ " or through the thickness of the sheathing whichever is less.
4. For inspection purposes, a sturdy ladder and the inspection card must be present at the time of the inspection. Packaging from roofing material along with the manufacturer's wind resistant installation specifications shall be made available to the inspector. The inspector will verify nailing and fastener penetration at all areas including eaves. Do not cover any portion until approved to do so by the inspector.
5. New or existing roof sheathing shall be secured to the roof structure using 8d common or 6d deformed shank or common nails. These fasteners shall be spaced at 6" o.c. at all panel edges and at 12" o.c. throughout the remainder of the panel.