



**BUILDING CODE MANUAL  
COUNTY OF LOS ANGELES  
DEPARTMENT OF PUBLIC WORKS  
BUILDING AND SAFETY DIVISION  
Based on the 2011 LACBC**

**#65  
1510  
Article 1  
10-19-11  
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## **REROOFING**

### **General Criteria:**

Roofs shall comply with the requirements of Chapters 7A and 15. If reroofing with metal roofing, then Regional Planning approval must be obtained.

Roofs shall have a roofing assembly installed in accordance with the listing and manufacturer's installation instructions. The Building Official may allow existing roof coverings to remain when inspection reveals the following:

- There is not more than one layer of wood shingles, asphalt shingles, metal roofing, mineral-surfaced rolled roofing or built-up roofing. All other types of roof coverings shall be removed down to the roof deck.
- The roof framing is structurally adequate to sustain the weight of an additional roof covering.
- The existing roof covering is securely attached to the deck.
- The roof deck is structurally sound and is not rotted.
- Where the existing installation is not water soaked.
- The new roof covering complies with the specifications for the existing pitch and the fire resistance for its location within the fire zone.
- The new roof covering is listed by an approved agency for application over an existing roof covering matching the actual field conditions.

### **Reroofing shall comply with following items:**

#### **1. Existing Mineral Aggregate Built-up Roofs:**

The roof shall be brushed clean of all loose gravel, debris and embedded aggregate projecting more than 1/8 inch. All blisters, buckles and other irregularities shall be cut and cemented or nailed smooth. One layer of Type 30 organic fiber felt shall be nailed in place. Deck surface is now ready for new roof covering. Roofing nails shall be of sufficient length to penetrate through the existing covering and into the sheathing a minimum of 3/4 inch or through 1/2 inch plywood.

2. Existing Asphalt Shingles or Composition Roofs:

New asphalt shingles, composition, mineral-surfaced rolled roofing or wood roofs (not located in Very High Fire Hazard Severity Zones) may be applied directly over an existing asphalt shingle, mineral-surfaced rolled roofing or composition roof. Roofing nails shall be of sufficient length to penetrate through the existing covering and into the sheathing a minimum of 3/4 inch or through 1/2 inch plywood.

3. Existing Wood Shingles:

New wood shingles (not located in Very High Fire Hazard Severity Zones) or asphalt shingles with self-sealing tabs or built-up roofs may be installed directly on existing wood shingles with or without a solid sheathing or plywood base. Alternately a new 1/2 inch plywood deck may be fastened over wood shingles as noted in Item 6 below. The existing wood shingles within 3-1/2 inches of eaves and rakes shall be sawn and removed and a solid wood filler strip of appropriate width and thickness shall be attached to provide a continuous nailing surface along these edges for the new roof covering.

4. Existing Wood Shakes:

Wood shakes shall be completely removed before re-roofing unless the material complies with the exceptions noted in Section 1510.3. If new covering requires solid decking, the spaces between existing spaced sheathing shall be filled with appropriate width boards or 1/2 inch (minimum) thickness plywood may be fastened over spaced sheathing. Plywood shall be installed as noted in Item 6 below.

5. Existing Clay or Concrete Tiles:

Clay or concrete tiles shall be completely removed before re-roofing with any material.

6. New Plywood Installation and Nailing:

Where plywood is installed directly on spaced sheathing, transverse panel joints should occur over a rafter. Nails shall be minimum 8d and of sufficient length to penetrate into the sheathing boards and rafter a combined length of at least one inch. Nails shall be spaced 12 inches o.c. at each rafter. Where the panel edges that are parallel to the rafter do not occur over a rafter, nails shall be driven at 6 inches o.c. maximum spacing along each such edge and through the sheathing boards.

7. Buildings located in Very High Fire Hazard Severity Zone:

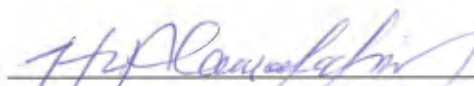
Reroofing with Wood Shakes or Wood Shingles is prohibited per Section 705A.2.

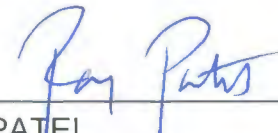
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