



DSA Structural Amendments under review are highlighted in GRAY

Template 15-01

2001 CBC - Chapter 15

ROOFING AND ROOF STRUCTURES

Section - 1507 - Roof-Covering Materials and Application

Subsection(s) - 1507.1.1 - 1507.1.1.3

1 *1507.1.1 [For DSA/SS, OSHPD 1, 2 & 4] Roof covering - special requirements.*

2
3
4 *1507.1.1.1 Fasteners. Nails shall be as set forth herein or in*
5 *Tables 15-B-1 and 15-B-2 and shall be long enough to penetrate*
6 *into the sheathing 3/4 inch (19 mm). Where sheathing is less than*
7 *3/4 inch (19 mm) in thickness, nails shall be driven into supports,*
8 *unless ring-shanked nails are used.*

9
10 *Built-up roofing nails for wood board deck shall be No. 12 gage,*
11 *7/16-inch (11 mm) head, driven through tin caps or approved nails*
12 *with integral caps. For plywood, use No. 11 gage ring shank nails*
13 *driven through tin caps or approved nails with integral caps. For*
14 *gypsum decks, insulating concrete, cementitious wood fiber and*
15 *others, fasteners recommended by the deck manufacturer and*
16 *acceptable to the enforcement agency shall be used.*

17
18 *All fasteners shall be corrosion resistant and fabricated of cop-*
19 *per, stainless steel, or brass, or shall have a hot dipped galvanized*
20 *coating not less than 1.5 ounce of zinc per square foot (458 gm/*
21 *m²).*

22
23 *Tin caps or integral caps shall not be smaller than 1 inch (25*
24 *mm).*

25
26 *Nails for slate shingles and clay or concrete tile shall be copper,*
27 *brass or stainless steel with gage and length per common ferrous*
28 *nails.*

29
30 *1507.1.1.2 Wire. Wire for attaching slate shingles and clay or*
31 *concrete tile shall be copper, brass or stainless steel capable of*

32 supporting four times the weight of tile. Wire supporting a single
33 tile or shingle shall not be smaller than 1/16 inch (1.6 mm) in diam-
34 eter. Continuous wire ties supporting more than one tile shall not
35 be smaller than 0.084 inch (2 mm) in diameter.

36
37 **1507.1.1.3 Metal strips.** Metal strips for attaching slate shingles
38 and clay or concrete tile shall be copper, brass or stainless steel
39 capable of supporting four times the weight of tile.