

Any addition, alteration, or repair to any building regardless of cause, size, or location, unless otherwise exempt, shall comply with the requirements as specified in Chapter 7A of the 2007 California Building Code as follows:

a. Exterior walls. Exterior walls shall be approved noncombustible or ignition-resistant material, heavy timber, or log wall construction or shall provide protection from the intrusion of flames and embers in accordance with standard SFM 12-7A-1.

Exception:

Nonstructural repairs involving less than 15% of the exterior wall surface to an existing building or structure within any one-year period are permitted to be made of the same materials of which the building or structure is constructed.

b. Exterior wall glazing and window walls. Exterior window, window walls, glazed doors, and glazed openings within exterior doors shall be insulating-glass units with a minimum of one tempered pane on the exterior side, or glass block units, or have a fire-resistance rating of not less than 20 minutes, when tested according to NFPA 257, or in accordance with Section 715, or conform to the performance requirements of SFM 12-7A-2.

c. Decking. Decking, surfaces, stair treads, risers, and landings of decks, porches, and balconies where any portion of such surface is within 10 feet of the primary structure shall comply with one of the following methods:

- i. Shall be constructed of ignition-resistant materials and pass the performance requirements of SFM 12-7A-4, Parts A and B.
- ii. Shall be constructed with heavy timber, exterior fire-retardant-treated wood or approved noncombustible materials.
- iii. Shall pass the performance requirements of SFM 12-7A-4, part A, 12-7A-4.7.5.1 only with a net peak heat release rate of 25kW/sq-ft for a 40 minute observation period and:
 - (1) Decking surface material shall pass the accelerated weathering test and be identified as exterior type, in accordance with ASTM D 2898 and ASTM D 3201 and;
 - (2) The exterior wall covering to which the deck is attached and within 10 feet of the deck shall be constructed of approved noncombustible or ignition resistant material.

Exception:

Walls are not required to comply with this subsection if the decking surface material conforms to ASTM E-84 Class B flame spread.

The use of paints, coatings, stains, or other surface treatments are not an approved method of protection as required by Chapter 7A.