

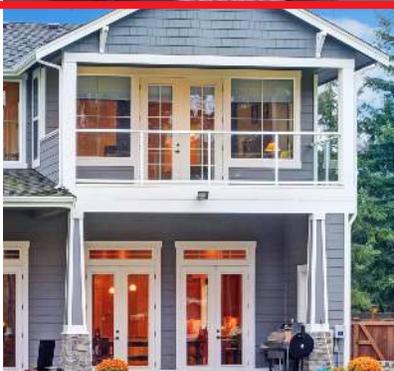
# WILDFIRE RISK REDUCTION

## HOME CONSTRUCTION HARDENING



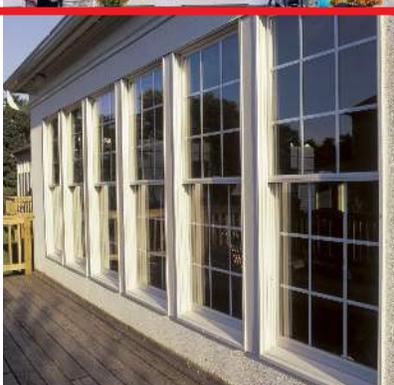
### ROOF:

A Class A roof assembly (excluding solid wood materials) shall be installed on all residential occupancies, and a minimum Class B roof covering shall be installed on remaining occupancies unless otherwise permitted.



### OVERHANGS AND PROJECTIONS:

For any portion of the attached structure with projections or overhangs, the area below the structure shall have all horizontal under-floor areas enclosed with ignition-resistant materials. **EXCEPTION:** Heavy timber or dimensional log construction is allowed.



### WINDOWS:

Exterior Windows shall be a minimum double pane. Tempered panes are preferable but not required.



### SPARK ARRESTOR OR CAP:

Chimneys serving fireplaces and other heating appliances in which solid or liquid fuels are used shall have an approved spark arrestor or cap.



### GUTTERS AND DOWNSPOUTS:

Gutters and downspouts that are of non-combustible construction shall be installed such that the leading edge of the roof is finished with a metal drip edge so that no wood sheathing is exposed. The drip edge shall extend into the gutter. Vinyl gutters may be allowed but must have a non-combustible landing area below the roof line that is a minimum of 5-foot distance from the side of the structure or foundation. **NOTE:** Gutter caps are highly encouraged as a home-owner maintenance item to prevent combustible debris from collecting in the trough.

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### EXTERIOR DOORS:

Exterior doors shall be noncombustible or solid core not less than 1 3/4-inches thick. Windows within doors and glazed doors shall be tempered safety glass or multi-layered glazed panels. **EXCEPTION:** Decorative single-pane glazing in front entry doors is allowed.



### VENTS:

All attic vents shall be screened with wire mesh or hardware cloth having openings no larger than 1/8-inch unless an alternate design or product is allowed by the fire code official, such as self-closing vents activated by external heat. Soffit vents are allowed. Gable vents may be allowed only as approved by the fire code official.



### DECKS:

Decks and other habitable spaces shall be of ignition-resistant or non-combustible decking materials, such as composite or metal decking. Wood is not permitted to be used for the decking surface but can be used for all large structural components and railings.



### BASE OF WALLS, POSTS AND COLUMNS:

The base of walls, posts and columns shall be protected on the bottom side with provisions such as fire-resistant foam or wire mesh having openings no larger than 1/8-inch to protect them from ember intrusion and still allow for weeping and moisture control.



### EXTERIOR SIDING, CLADDING, EAVES AND SOFFITS:

Exterior cladding, eaves and soffits shall be constructed of ignition-proof materials approved by the fire code official, such as fiber-cement board, stucco, masonry, manufactured stone, etc. Natural wood/cedar siding, hardboard, vinyl and similar combustible materials are not allowed. **EXCEPTION:** Natural wood or plastic products used for fascia, trim board materials, and trim accents, such as corbels, false rafter tails, faux trusses, shutters and decorative vent material, are allowed when painted or as approved.