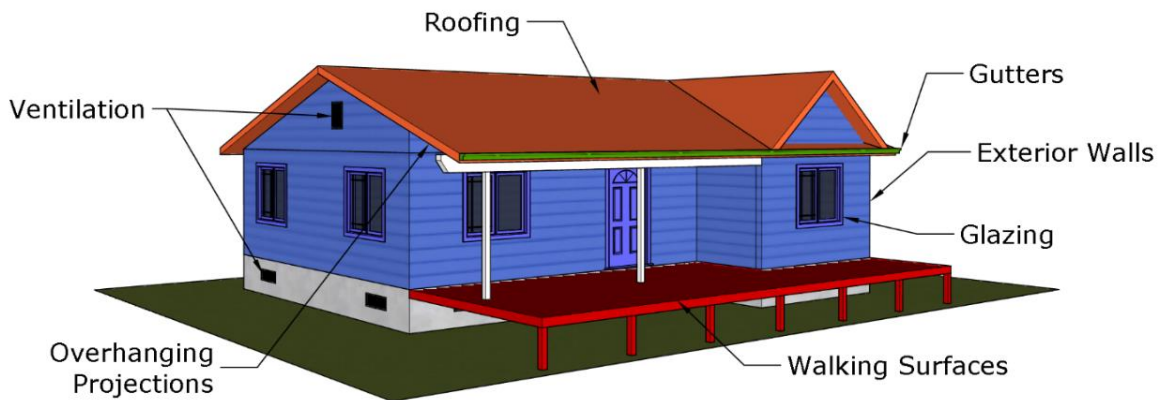


Estimated cost of hardening your home

The estimated cost increase above standard prescriptive construction is approximately [+2% to +11%] - including labor and materials^{1,2}.

A wide array of variables impact this estimated baseline increase, including but not limited to; initial materials selected, size and shape of dwelling, size and number of projections and decks, eave heights, number and type of vents, number and type of windows, and similar customer design considerations. Various exterior elements commonly included in popular base home designs throughout the northwest already meet the requirements of Section R327 of the Oregon Residential Specialty Code such as architectural asphalt shingles for roofing, fiber-cement siding products, and code-compliant glazing and fenestration.



Ventilation

Vent openings covered with fine mesh, or designed to resist flame and embers

1/16" mesh screen = \$2.82 per sq. ft.
Fire-rated vents = \$100 - \$200 per vent

Roofing

Metal panels, standing seam, or even architectural asphalt composite shingles

Arch. asphalt shingles = \$4 per sq. ft.
Metal roof panels = \$14.85 per sq. ft. <> Slate roofing = \$17.23 per sq. ft.

Note: 80% of homes in the Northwest use compliant asphalt shingles as a base design choice

Gutters

Noncombustible materials such as aluminum, capped to prevent debris accumulation

Aluminum gutters - \$9.55 PLF
Caps/covers = \$7.66 PLF

Overhanging projections

Projections enclosed on the underside by materials consistent with wall covering options

Fiber-cement soffit = \$3.76 per sq. ft.
Exterior gypsum sheathing = \$3 per sq. ft.

Exterior walls

Exterior covering such as fiber-cement or aluminum. Exterior gypsum sheathing options

Fiber-cement lap siding = \$11.39 per sq. ft.
Note: Approx. 34% of homes in the Northwest use fiber-cement siding as a base material choice

Decks & walking surfaces

Noncombustible or ignition-resistant materials. 2-inch nominal lumber allowed for small decks

Concrete platform or slab = \$11 per sq. ft.
Proprietary decking products = varied, up to \$12 PLF

Glazing

Multi-paned windows, glass block, fire rated, or tempered/laminated windows and skylights

Minimum code compliant glazing and fenestration meets hardening criteria – no cost increase

¹ https://headwaterseconomics.org/wp-content/uploads/2022_HE_IBHS_WildfireConstruction.pdf

² <https://www.HomeWyse.com>