



City of Ashland Building Safety Division

51 Winburn Way • Ashland, OR 97520

Phone (541) 488-5305 • Fax (541) 488-6066

Email: Building@ashland.or.us

Wildfire Mitigation Plan Submittal Form

Instructions: Identify in each section how compliance with R327.4 Wildfire Hazard Mitigation requirements are achieved (Check and fill in information for all that applies).

Roofing (R327.4.3)

Note: There are additional requirements for preventing intrusion of embers and flames in open spaces between roofing and roof decking and additional flashing requirements

Material (Minimum Class B)	Manufacturer	Product Name	Fire-Resistance Rating Class A or B

Rain Gutters (R327.4.3.1)

Non-combustible rain gutter with non-combustible corrosion-resistant screening
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Vents (Flame and Ember-Resistant): Eave, Soffit, Cornice, and Ceiling <12 feet above grade or surface below (R327.4.4.1)

Vented Roof (vents that are listed and tested by ASTM E2886, or Building Official approval)
Unvented Roof (see attachment, all conditions shall be met)

Location	Manufacturer	Product Name	Approval Listing #

All Other Vents (R327.4.4)

Material
Corrosion-resistant with maximum 1/8" non-combustible corrosion-resistant metal mesh

Exterior Wall Covering (R327.4.5)

Note: There are additional requirements for how wall coverings terminate. For combustible siding/wall covering, fill out the following table or explain how you will achieve requirements:

Location	Orientation	Material	Manufacturer	Product Name	Approval Listing #
One layer of minimum 5/8" exterior grade Type X behind covering or 1-hour fire-resistive assembly					



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Overhanging Projections, Roof Eaves, Soffits, Cornices, Patio/Porch Ceilings, or Underfloor Protection of Elevated Structures (R327.4.6.1.4)

Note: Gable end overhangs beyond an ext. wall other than at the lower end of rafter tails are exempt.

Location	Material	Manufacturer	Product Name	Approval Listing #
One layer of minimum 5/8" exterior grade Type X behind covering or 1-hour fire-resistive assembly				

Walking Surfaces (R327.4.7)

Note: Fill this in for any combustible surface decking material planned. If none, label N/A.

Material	Manufacturer	Product Name	Approval Listing #

Glazing in Windows, Doors, Skylights (R327.4.8)

Material
All, dual glazing, tempered glass, glass block, or a fire resistance rating of not less than 20 min.

Applicant Name _____

Applicant Signature _____

Date _____



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Attachment: Unvented Roofs

R806.5 Unvented attic and unvented enclosed rafter assemblies.

Unvented *attics* and unvented enclosed roof framing assemblies created by ceilings that are applied directly to the underside of the roof framing members and structural roof sheathing applied directly to the top of the roof framing members/rafters, shall be permitted where all the conditions are met:

1. The unvented *attic* space is completely within the *building thermal envelope*.
2. Interior Class I vapor retarders are not installed on the ceiling side (*attic* floor) of the unvented *attic* assembly or on the ceiling side of the unvented enclosed roof framing assembly.
3. A minimum insulation level of R-20 air-impermeable or rigid board insulation embedded into *air-permeable insulation* shall be installed above all recessed fixtures, such as recessed lights and exhaust fans.
4. Where wood shingles or shakes are used, a minimum ¼-inch (6.4mm) vented airspace separates the shingles or shakes and the roofing underlayment above the structural sheathing.
5. Any *air-impermeable insulation* shall be a Class II vapor retarder, or shall have a Class II vapor retarder coating or covering in direct contact with the underside of the insulation.
6. Insulation shall comply with Item 6.1, 6.2, or 6.3. Where preformed insulation board is used as the *air-impermeable insulation* layer as specified in the items below, it shall be sealed at the interior perimeter or each individual sheet to form a continuous layer.
 - 6.1 Where only *air-impermeable insulation* is provided, it shall be applied in direct contact with the underside of the structural roof sheathing.
 - 6.2 Where *air-permeable insulation* is installed directly below the structural sheathing, rigid board or sheet insulation shall be installed directly above the structural roof sheathing to an insulation level not less than R-20 for condensation control.
 - 6.3 Where both *air-impermeable* and *air-permeable insulation* are provided, the *air-impermeable insulation* shall be applied in direct contact with the underside of the structural roof sheathing to an insulation level not less than R-20 and shall be in accordance with the R-values in Table R806.5 for condensation control. The *air-permeable insulation* shall be installed directly under the *air-impermeable insulation*.

R327.4 Wildfire Hazard Mitigation Construction Guide for Wildfire Hazard Zones



Underfloor and Attic Vents ORSC

Section R327.4.4.1

All Vents:

All vents shall have screening made of corrosion-resistant metal mesh with minimum 1/16" and maximum 1/8" grid **or** be designed to resist flame and ember intrusion (ASTM E2886).

Eave, Soffit, and Cornice Vents less than 12' above grade or surface:

All vents shall have screening made of corrosion-resistant metal mesh with minimum 1/16" and maximum 1/8" grid **and** be designed to resist flame and ember intrusion (ASTM E2886).

Roofing

ORSC Section R327.4.3

Roofing shall be asphalt, slate, metal, tile, clay, concrete, or equivalent minimum Class B. **Wood shingle or shake materials are prohibited.** Cap off or fire block spaces between roofing and roof deck to prevent flame and ember intrusion and provide galvanized valley flashing where valley flashing is installed.

Walking Surfaces

ORSC Section R327.4.7

Deck, porch, and balcony walking surfaces greater than 30" and less than 12' above grade or the surface below shall be constructed of minimum 2" nominal lumber for decks <= 200 sq. ft., non-combustible, ignition-resistant conforming to ASTM E84 or UL 723, exterior fire retardant treated wood, meets ASTM E2632 and ASTM 2726 criteria, or meets ASTM E2632 with ignition-resistant wall covering.

Rain Gutters

ORSC Section R327.4.3.1

Non-combustible materials with provisions to prevent the accumulation of leaves and debris in the gutters (Non-combustible corrosion resistant metal screening).

Underfloor Protection

ORSC Section R327.4.6.4

Underfloor area of elevated structures shall be enclosed or meet non-combustible material, ignition-resistant material, ASTM E2957 compliant, one layer of minimum 5/8" exterior grade Type X applied behind the exterior covering of the underside, or 1-hour fire resistive exterior wall assembly.

Windows, Doors, Skylights Glazing

ORSC Section R327.4.8

Exterior windows, windows within exterior doors, and skylights shall be tempered glass, multilayered glazed panels (typical dual pane), glass block, or have a minimum fire-resistant rating of 20 minutes.



Overhanging Projections

ORSC R327.4.6.1; R327.4.6.2; R327.4.6.3

All enclosed roof eaves, soffits, cornices, exterior patio/porch ceilings and floor projections less than 12' above grade or the surface below shall be covered with either non-combustible material, ignition-resistant material, ASTM E2957 compliant, one layer of minimum 5/8" ext. Type X applied behind the exterior covering, or 1-hour fire resistive exterior wall assembly (Gable end overhangs are exempt).

Exterior Wall Covering

ORSC Section R327.4.5

Wall covering materials shall be noncombustible, ignition-resistant, heavy timber, log wall, or wall assemblies tested in accordance with ASTM E2707. Alternatively, one layer of minimum 5/8" exterior grade Type X applied behind the exterior wall covering or cladding or 1-hour fire resistive exterior wall assembly. Exterior wall coverings shall extend from the top of the foundation to the roof, and terminate at 2" nominal solid wood blocking between rafters at all roof overhangs, or in the case of enclosed eaves or soffits, shall terminate at the underside of the enclosure.

