

Permit No. _____
Owner: _____
Site Address: _____
Contractor: _____

NORTHWEST CODE
PROFESSIONALS



EXTERIOR WALL ENVELOPE SELF-CERTIFICATION FORM

To conform with Section R703.1 of the 2021 Oregon Residential Specialty Code (ORSC). I am notifying the building official that I am aware of the exterior wall envelope requirements contained therein, and hereby certify that the components of the exterior wall envelope have been installed or will be installed in accordance with the aforementioned code requirements and applicable exceptions as acknowledged during the plan review submittal process.

Signature

Date

Excerpt from 2021 Oregon Residential Specialty Code Section R703, Exterior Covering:

R703.1 General. Exterior walls shall provide the building with a weather-resistant exterior wall envelope. The exterior wall envelope shall include flashing as described in Section R703.4.

Exception: Log walls designed and constructed in accordance with the provisions of ICC 400.

R703.1.1 Exterior wall envelope. The exterior wall envelope shall be installed in a manner such that water entering the assembly can drain to the exterior. The envelope shall consist of: an exterior veneer and a water-resistant barrier as required by Section R703.2; a space not less than 1/8 inch (3 mm) between the water-resistive barrier and the exterior veneer; and integrated flashings as required by Section R703.4. The required space shall be formed by the use of any noncorrosive furring strip, drainage mat or drainage board. The envelope shall provide proper integration of flashings with the water-resistive barrier, the drainage space provided and the exterior veneer or wall covering. These components combined shall provide a means of draining water entering the assembly to the exterior.

Exceptions:

1. A space is not required where the exterior wall covering is installed over a water-resistive barrier complying with Section R703.2 that is manufactured in a manner to enhance drainage and meets the 75-percent drainage efficiency requirement of ASTM E2273 or other recognized national standard.
2. A space is not required where window sills are equipped with pan flashings that drain to the exterior surface of the wall covering in a through-wall fashion. All pan flashings shall be detailed within the construction documents and shall be of either a self-adhering membrane complying with AAMA 711 or of an approved corrosion-resistant material or a combination thereof. Self-adhering membranes extending to the exterior surface of the wall covering shall be concealed with trims or other measures to protect from sunlight.
3. A space is not required for detached accessory structures.
4. A space is not required for additions, alterations or repairs where the new exterior wall covering is all of the following:
 - 4.1. Matching the existing exterior wall covering.
 - 4.2. Installed in the same plane as the existing wall covering without a change in direction or use of a control joint.
 - 4.3. Installed over a water-resistive barrier complying with Section R703.2.
5. The requirements of Section R703.1.1 shall not be required over concrete or masonry walls designed in accordance with Chapter 6 and flashed in accordance with Section R703.4 or R703.8.
6. Compliance with the requirements for a means of drainage, and the requirements of Sections R703.2 and R703.4, shall not be required for an exterior wall envelope that has been demonstrated to resist wind-driven rain through testing of the exterior wall envelope assembly, including joints, trim, exterior covering, penetrations, window and door openings and intersections with dissimilar materials, in accordance with ASTM E331 under the following conditions:
 - 6.1. Exterior wall envelope test assemblies shall include at least one opening, one control joint, one wall/eave interface and one wall sill. All tested openings and penetrations shall be representative of the intended end-use configuration.
 - 6.2. Exterior wall envelope test assemblies shall be at least 4 feet by 8 feet (1219 mm by 2438 mm) in size.
 - 6.3. Exterior wall assemblies shall be tested at a minimum differential pressure of 6.24 pounds per square foot (299 Pa).
 - 6.4. Exterior wall envelope assemblies shall be subjected to the minimum test exposure for a minimum of 2 hours.

The exterior wall envelope design shall be considered to resist wind-driven rain where the results of testing indicate that water did not penetrate control joints in the exterior wall envelope, joints at the perimeter of openings penetration or intersections of terminations with dissimilar materials.