

### **Products that are exempt from testing:**

There are a limited amount of window products that are exempt from thermal performance testing under Section NF1112.2 of the 2014 Oregon Residential Specialty Code. Among those exempt products are the following, if produced in low volume:

1. Windows;
2. Glazed doors;
3. Skylights; and
4. Solariums.

To qualify as a window product produced in low volume, a manufacturer cannot produce the above products in excess of the following maximums:

1. Windows, 750;
2. Glazed doors, 500;
3. Skylights, 1,000; and
4. Complete solariums, 25.

Exempt fenestration products are also exempt from the thermal performance standards of the 2014 Oregon Residential Specialty Code. While these products are not produced in low volume, they often must meet certain construction requirements. Exempt fenestration products can be either:

1. Complete solariums that have a minimum of 0.5 inch (12.7 mm) space between the panes; or
2. Skylights that have a frame type that is either aluminum with a thermal break, aluminum with vinyl, or wood, and a glazing type that is a minimum of either 0.5 inch airspace between double layered low-e or triple layered acrylic.

All window products that are produced in low volume and exempt fenestration products must comply with product-specific labeling requirements and have labeling that is:

- Imprinted, not handwritten;
- Faces the interior of the dwelling;
- Lists either the U-factor or U-factor class of the product; and
- Remains attached to the product until a building inspector inspects and verifies the labeling.

### **Windows and Glazed Doors-**

Labels for windows or glazed doors produced in low volume must:

- Specify window components;
- Show the allowed U-factor in the appropriate location;
- Show a production count number that does not exceed the maximums established above; and
- Imprint "(Manufacturer's name) certifies the attached window is constructed in a manner to obtain the specified U-factor."

### **Solariums and Sunrooms-**

There are two types of solariums for purposes of the low volume window program:

1. Solariums that are produced in low volume; and
2. Solariums that are not produced in low volume, but meet certain construction requirements.

Labels for solariums and sunrooms produced in low volume must:

- Specify the window components for each of the glazed surfaces, such as: front, overhead, left end, right end, and clerestory;
- Show a production count number for the labeled product. This number cannot exceed 25;
- Show the applicable U-factor. Manufacturers can use a default U-factor by referring to Table NF1112.4(1) of the 2008 Oregon Residential Specialty Code;
- Imprint “(Manufacturer’s name) certifies the components of this solarium are constructed in a manner to obtain the specified U-factors”; and
- Have one label providing a description of each of the glazed surfaces. This description should include the number of panes, minimum glazing air space, glazing type, maximum emissivity, and whether there is an insulated spacer.

Labels for solariums and sunrooms that meet certain construction requirements must:

- Specify the window components and configuration; and
- Show the U-value determined by Section NF1112.3, Item 3 of the 2008 Oregon Residential Specialty Code.

### **Skylights-**

There are three types of skylights for purposes of the low volume window program:

1. Skylights that meet certain construction requirements and are produced in low volume;
2. Skylights that meet certain construction requirements and are not produced in low volume; and
3. Skylights that do not meet construction standards and are produced in low volume.

Labels for skylights that meet construction standards and are produced in low volume must:

- Specify the window components;
- State “U-0.50 Default U-factor;”
- State “Limited Production Skylight Compliance U-factor Label” and “Maximum Allowable Skylight Area Shall Not Exceed Two Percent of the Heated Space Floor Area;”
- Show a production count number that does not exceed the maximums established above; and
- Imprint “(Manufacturer’s name) certifies the attached skylight complies with the criteria specified in the Oregon building codes.”

Labels for skylights that meet construction standards and are not produced in low volume must:

- Contain the statement “This skylight is not required to be tested or evaluated for thermal performance;”
- Feature the word “EXEMPT” in 0.75 inch high letters;
- Specify the label’s date of issue, as in “Date of Issue: 10/10/08”;
- Specify the framing and glazing components used in constructing the skylight;
- Contain the statement “Under ORS 455.525(4) this skylight is deemed to comply with Oregon’s thermal performance standards regardless of U-factor.”

Labels for skylights that do not meet construction standards and are produced in low volume must:

- Specify window components;
- State “Calculated U-factor Skylight Compliance Label;”
- Show the U-factor determined by Section NF1112.3, Item 4 of the 2014 Oregon Residential Specialty Code; and
- Show a production count number that does not exceed the maximums established above.