WINDOW PERFORMANCE STANDARDS—CENTRAL OREGON

All Buildings except Low-Rise (≤ 3 Stories in Height) Residential
Oregon Structural Specialty Code, 1998

	U-FACTOR (Heating)	SHADING COEFFICIENT (SC) (Cooling)
Performance Standard	• Overall Winter U-Factor ≤ 0.50 ***or***	• "Center-of-Glass" SC ≤ 0.57 ***or***
Prescriptive Standard	• Double glass with a 0.5" airspace between panes, low-e coating ($e \leq 0.4$), and argon gas	• Tinted outboard pane

- All windows shall comply with *both* the U-Factor *and* SC requirements. They may comply with either combination of Performance and Prescriptive standards.
- Merchandise Display glazing—used specifically for purposes of merchandising and limited to 10 feet above grade—may be exempted from the Shading Coefficient standard. This exemption allows passers-by to see inside a retail establishment to view merchandise, and occasionally the business, inside.

QUALIFYING WINDOW CONFIGURATIONS

(Operable Windows will have higher U-Factors)

	Fixed Frame Window U-Factors by Frame Type					
GLAZING TYPE (1/4" Glass Panes)	Aluminum	Aluminum with Thermal Break	Reinforced Vinyl or Aluminum Clad	Wood or Vinyl	Insulated Fiberglass/ Vinyl	**SC** (clear panes)
Double Glazing						**0.81**
• ¼" airspace	No	No	No	No	No	
• ¼" argon space	No	No	No	No	0.50	
• ½" airspace	No	No	0.50	0.50	0.48	
• ½" argon space	No	No	0.48	0.48	0.45	
Double Glazing, e = 0.4						
• ¼" airspace	No	No	No	No	0.49	
• ¼" argon space	No	No	0.46	0.46	0.44	
• ½" airspace	No	0.50	0.44	0.44	0.41	
• ½" argon space	No	0.47	0.41	0.40	0.38	
Double Glazing, e = 0.2 (e.g., PPG Sungate 500)						**0.70**
• ¼" airspace	No	No	0.48	0.48	0.45	
• ¼" argon space	No	0.48	0.42	0.42	0.40	
• ½" airspace	No	0.46	0.40	0.39	0.37	
• ½" argon space	0.48	0.41	0.36	0.35	0.33	
Double Glazing, e = 0.05 (e.g., PPG Solarban 60)						**0.44**
• ¼" airspace	No	No	0.48	0.48	0.45	
• ¼" argon space	No	0.48	0.42	0.42	0.40	
• ½" airspace	No	0.46	0.40	0.39	0.37	
• ½" argon space	0.48	0.41	0.36	0.35	0.33	