

WAC 51-11C-402300 Table C402.4—Building envelope requirements—
Fenestration.

Table C402.4
Building Envelope Fenestration Maximum U-factor and SHGC Requirements

CLIMATE ZONE	5 AND MARINE 4	
Vertical Fenestration		
U-factor		
Nonmetal framing (all) ^a	0.30	
Metal framing (fixed) ^b	0.38	
Metal framing (operable) ^c	0.40	
Metal framing (entrance doors) ^d	0.60	
SHGC		
Orientation	SEW	N
PF < 0.2	0.40	0.53
0.2 < PF < 0.5	0.48	0.58
PF > 0.5	0.64	0.64
Skylights		
U-factor	0.50	
SHGC	0.35	

NR = No requirement.

^a "Nonmetal framing" includes framing materials other than metal, with or without metal reinforcing or cladding.

^b "Metal framing" includes metal framing, with or without thermal break. "Fixed" includes curtain wall, storefront, picture windows, and other fixed windows.

^c "Metal framing" includes metal framing, with or without thermal break. "Operable" includes openable fenestration products other than "entrance doors."

^d "Metal framing" includes metal framing, with or without thermal break. "Entrance door" includes glazed swinging entrance doors. Other doors which are not entrance doors, including sliding glass doors, are considered "operable."

[Statutory Authority: RCW 19.27A.025, 19.27A.160, and 19.27.074. WSR 16-03-072, § 51-11C-402300, filed 1/19/16, effective 7/1/16. Statutory Authority: RCW 19.27A.020, 19.27A.025 and chapters 19.27 and 34.05 RCW. WSR 13-04-056, § 51-11C-402300, filed 2/1/13, effective 7/1/13.]