

WAC 51-11R-40211 Table R402.1.2—Insulation and fenestration requirements by component.

**TABLE R402.1.2
INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT^a**

CLIMATE ZONE 5 AND MARINE 4	
Fenestration <i>U</i> -factor ^b	0.30
Skylight <i>U</i> -factor	0.50
Ceiling <i>U</i> -factor	0.024
Above-Grade Wall <i>U</i> -factor	0.056
Floor <i>U</i> -factor	0.029
Slab on Grade <i>F</i> -factor	0.54
Below Grade 2' Depth	
Wall <i>U</i> -factor	0.042
Slab <i>F</i> -factor	0.59
Below Grade 3.5' Depth	
Wall <i>U</i> -factor	0.040
Slab <i>F</i> -factor	0.56
Below Grade 7' Depth	
Wall <i>U</i> -factor	0.035
Slab <i>F</i> -factor	0.50

- ^a *U*-factors or *F*-factors shall be obtained from measurement, calculation, or an approved source or as specified in Section R402.1.5.
- ^b A maximum *U*-factor of 0.32 shall apply to vertical fenestration products installed in buildings located above 4000 feet in elevation above sea level, or in windborne debris regions where protection of openings is required under Section R301.2.1.2 of the *International Residential Code*.

[Statutory Authority: RCW 19.27A.020, 19.27A.045, 19.27A.160, and chapter 19.27A RCW. WSR 23-02-060, 23-12-102, and 23-20-022, § 51-11R-40211, filed 1/3/23, 6/7/23, and 9/25/23, effective 3/15/24. Statutory Authority: RCW 19.27A.020, 19.27A.045, 19.27A.160 and chapter 19.27 RCW. WSR 20-01-047, § 51-11R-40211, filed 12/9/19, effective 7/1/20. Statutory Authority: RCW 19.27A.025, 19.27A.045, 19.27A.160, and 19.27.074. WSR 17-10-063, § 51-11R-40211, filed 5/2/17, effective 6/2/17. Statutory Authority: RCW 19.27A.020, 19.27A.045, 19.27A.160, and 19.27.074. WSR 16-02-127, § 51-11R-40211, filed 1/6/16, effective 7/1/16. Statutory Authority: RCW 19.27A.025, 19.27A.045, and 19.27.074. WSR 13-20-121, § 51-11R-40211, filed 10/1/13, effective 11/1/13. Statutory Authority: RCW 19.27A.020, 19.27A.045 and chapters 19.27 and 34.05 RCW. WSR 13-04-055, § 51-11R-40211, filed 2/1/13, effective 7/1/13.]