ENERGY STAR Qualification Criteria for Residential Windows, Doors, and Skylights

Windows

Climate Zone	U- Factor ¹	SHGC ²	
Northern*	≤ 0.27	Any	Prescriptive
	= 0.28	≥ 0.32	Equivalent Energy Performance
	= 0.29	≥ 0.37	
	= 0.30	≥ 0.42	
North- Central	≤ 0.30	≤ 0.40	
South- Central	≤ 0.30	≤ 0.25	
Southern	≤ 0.40	≤ 0.25	

Air Leakage ≤ 0.3 cfm/ft²

Doors

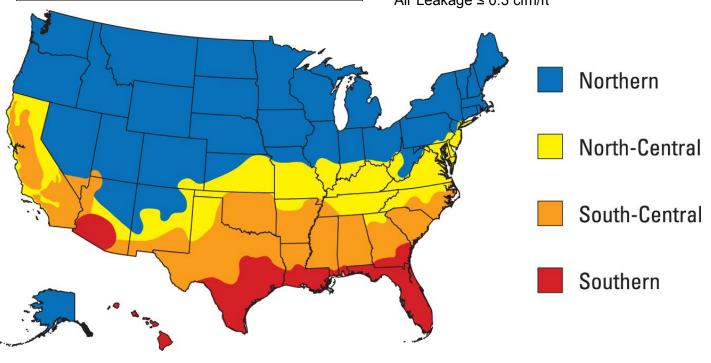
Glazing Level	U-Factor ¹	SHGC ²	
Opaque	≤ 0.17	No Rating	
≤ ½-Lite	≤ 0.25	≤ 0.25	
> ½-Lite	≤ 0.30	Northern North-Central	≤ 0.40
		Southern South-Central	≤ 0.25

Air Leakage for Sliding Doors ≤ 0.3 cfm/ft² Air Leakage for Swinging Doors ≤ 0.5 cfm/ft²

Skylights

Climate Zone	U-Factor ¹	SHGC ²
Northern	≤ 0.50	Any
North-Central	≤ 0.53	≤ 0.35
South-Central	≤ 0.53	≤ 0.28
Southern	≤ 0.60	≤ 0.28

Air Leakage ≤ 0.3 cfm/ft²



¹ Btu/h ft²·°F2 Solar Heat Gain Coefficient

^{*} The effective date for the Northern Zone prescriptive and equivalent energy performance criteria for windows is January 1, 2016.