

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

¹ Btu/h ft²·°F

² Solar Heat Gain Coefficient

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

Doors

Glazing Level	U-Factor ¹	SHGC ²
Opaque	≤ 0.17	No Rating
$\leq \frac{1}{2}$ -Lite	≤ 0.25	≤ 0.25
$> \frac{1}{2}$ -Lite	≤ 0.30	Northern North-Central ≤ 0.40
		Southern South-Central ≤ 0.25

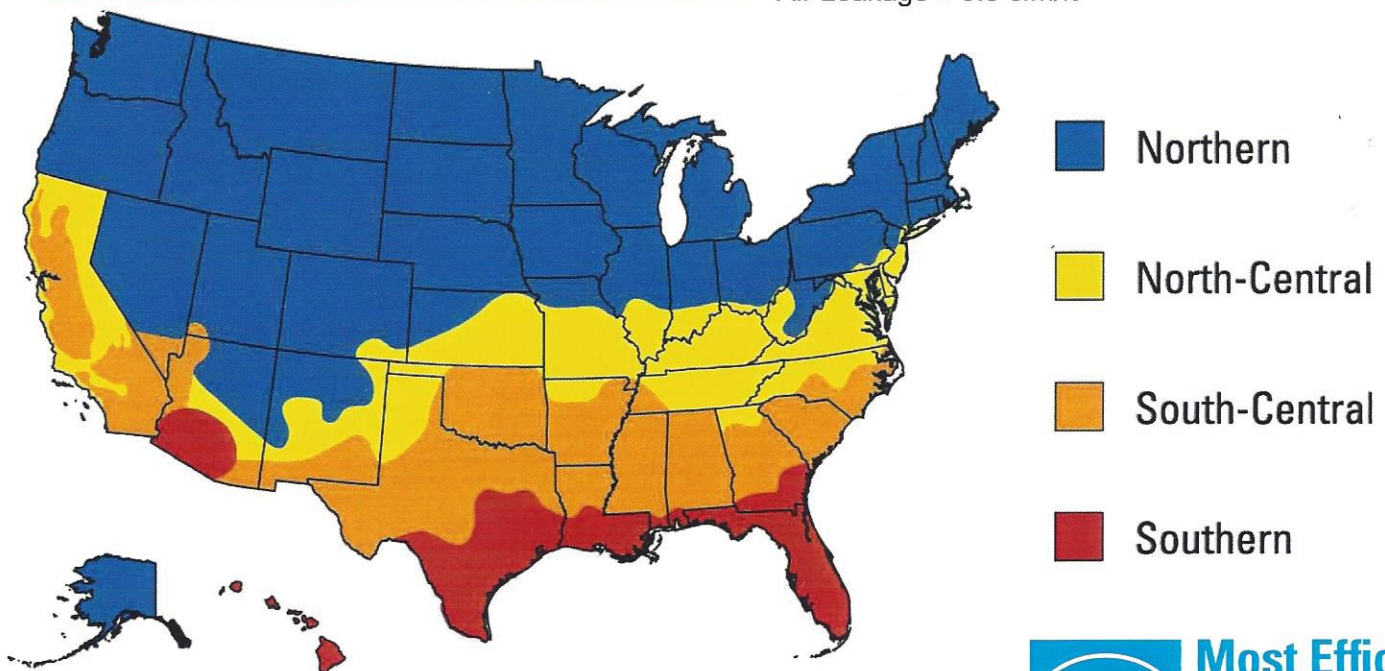
Air Leakage for Sliding Doors ≤ 0.3 cfm/ft²

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



Supreme²

aka Surface 2



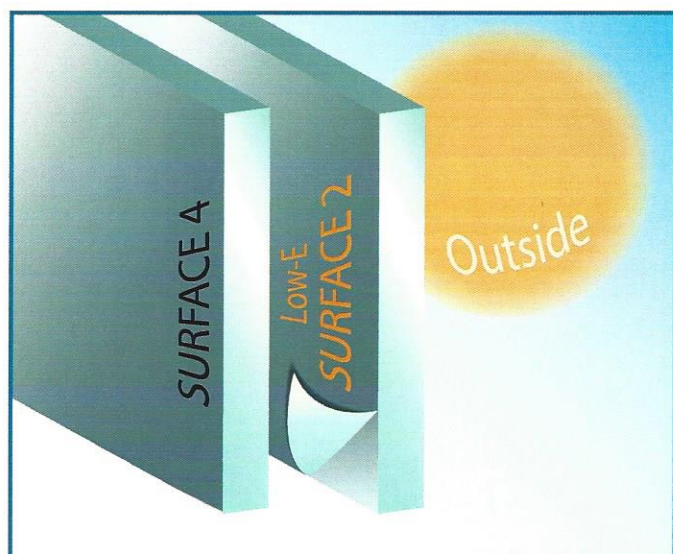
Intercept[®] Stainless with Foam Fill

DOUBLE PANE

UltraWeld [®]	U	S	V	C
Double Hung	.27	.29	.53	56

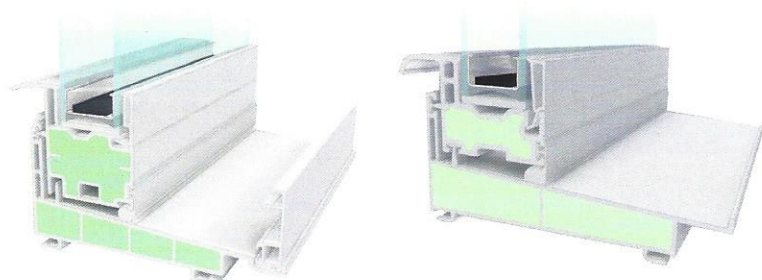
ThermalWeld [®]	U	S	V	C
Double Hung	.27	.30	.55	57

Intercept[®] Stainless
The Strongest Choice.SM



UltraWeld[®]

ThermalWeld[®]



ASK ABOUT:



**Most Efficient
2016**

www.energystar.gov

Supreme³

aka Surface 3



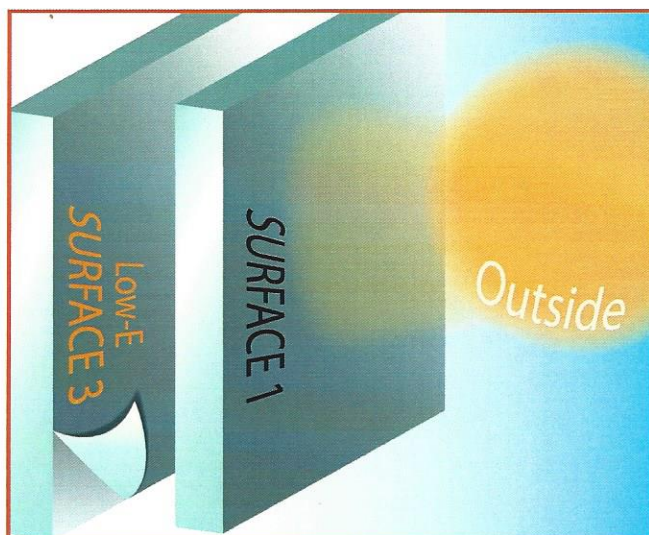
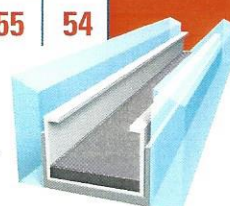
Intercept[®] with Foam Fill

DOUBLE PANE

UltraWeld [®]	U	S	V	C
Double Hung	.28	.37	.53	54

ThermalWeld [®]	U	S	V	C
Double Hung	.28	.36	.55	54

intercept.
SPACER SYSTEM



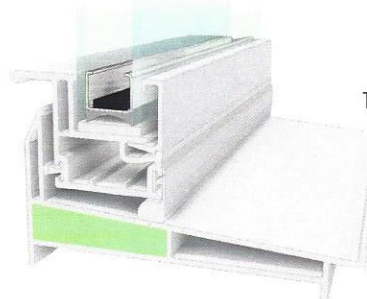
Intercept[®] Stainless with Foam Filled Frame

DOUBLE PANE

Valu Smart [®]	U	S	V	C
Double Hung	.28	.39	.56	58

Valu Smart[®]

Intercept[®] Stainless
The Strongest Choice.SM



* ThermalWeld Slider:
Stainless & Foam Surface 3 Qualified

Note: A complete list of ENERGY STAR Climate Zones by state and county or, where applicable, zip code is available at https://www.energystar.gov/index.cfm?fuseaction=windows_doors.search_climate.