

ENERGY STAR® 7.0 Overview

ENERGY STAR specifications for residential windows, doors and skylights will be changing to Version 7.0 effective October 23, 2023. This change will lower the U-factor requirements for all climate zones and will lower SHGC requirements in the South Central and Southern zones. Additionally, Version 7.0 will establish a minimum SHGC requirement for the Northern Zone.



ENERGY STAR VERSION 6.0 (OLD) (Effective through October 22, 2023)

VERSION 7.0 (Effective October 23, 2023)

Window Products

Climate Zone	U-Factor	SHGC	
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	

Climate Zone	U-Factor	SHGC	
Northern	≤ 0.22	≥ 0.17	Prescriptive
	$=0.23$	≥ 0.35	Equivalent Energy Performance
	$=0.24$		
	$=0.25$		
	$=0.26$		
North-Central	≤ 0.25	≤ 0.40	
South-Central	≤ 0.28	≤ 0.23	
Southern	≤ 0.32	≤ 0.23	

Sliding and Hinged Door Products

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

Glazing Zone	U-Factor	SHGC	
Opaque	≤ 0.17	No Rating	
$\leq 1/2$ Lite	≤ 0.23	≤ 0.23	
$> 1/2$ Lite	≤ 0.26	Northern North-Central	≤ 0.40
		Southern South-Central	≤ 0.23

Climate Zone Map

