

## Old ENERGY STAR 6.0 Requirements for Windows

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	

## New ENERGY STAR 7.0 Requirements for Windows

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

Qualify for Tax Credits with **IntelliGlass+**



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## INTELLIGLASS PACKAGES

The needs of every home are different and Vinylmax has an IntelliGlass package to perfectly fit any home's energy needs. Use this handy guide to match your desired insulation and solar control performance with your climate zone to select the ideal IntelliGlass package for your home.

### SOLAR COMFORT SCALE

**INSULATION (U-VALUE)**

MODERATE	SUPERIOR	EXCEPTIONAL
.30 .28 .26 .24 .22 .20 .18		
.50 .45 .40 .35 .30 .25 .20		

**SOLAR HEAT GAIN COEFFICIENT**

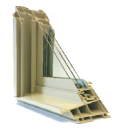
SOLAR ENHANCING	MODERATE	SOLAR BLOCKING
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Dual Pane

Triple Pane



Triple Pane Glass is up to 50% more energy efficient than dual pane. Installing triple pane windows also reduces noise from the outside and fading from the sun.



\*Meets ENERGY STAR Most Efficient in Southern and South-Central Climates with grids.

## PERFORMANCE DATA

	No Grids					With Grids											
	Intercept		Super Spacer		VLT	Intercept		Super Spacer		VLT							
	U Value	SHGC	U Value	SHGC		U Value	SHGC	U Value	SHGC								
4200 Double Hung																	
IntelliGlass Low E / Argon	.29	.29	.28	.29	.54												
IntelliGlass X Low E / Argon	.28	.21	.27	.21	.49	SC	S	.28	.19	.27	.19	.44	SC	S			
IntelliGlass N Low E / Argon	.25	.46	.24	.46	.54	N		.25	.42	.24	.42	.49	N				
IntelliGlass C Low E / Argon	.24	.20	.23	.20	.45	NC	SC	S	.24	.18	.23	.18	.40	NC	SC	S	
IntelliGlass X3 Triple Pane Low E / Argon	.25	.20	.23	.20	.45	NC	SC	S	.25	.18	.24	.18	.40	NC	SC	S	
IntelliGlass Plus Triple Pane Low E / Argon	.20	.24	.18	.24	.42	N	NC		.20	.22	.19	.22	.37	N	NC	SC	S
4100 Single Hung																	
IntelliGlass Low E / Argon	.29	.29	.28	.29	.55												
IntelliGlass X Low E / Argon	.29	.21	.27	.21	.50											S	
IntelliGlass N Low E / Argon	.26	.47	.26	.47	.55	N		.26	.42	.26	.42	.49	N				
IntelliGlass C Low E / Argon	.25	.20	.25	.20	.45	NC	SC	S	.25	.18	.25	.18	.40	NC	SC	S	
IntelliGlass X3 Triple Pane Low E / Argon	.25	.20	.23	.20	.46	NC	SC	S	.26	.18	.24	.18	.41		SC	S	
IntelliGlass Plus Triple Pane Low E / Argon	.20	.25	.18	.25	.43	N	NC		.20	.22	.19	.22	.38	N	NC	SC	S