Thermal Performance Data

Premium Slider (8401)

Weather Shield® Windows & Doors

ENERGY PERFORMANCE DATA											CANADIAN ENERGY PEFORMANCE DATA						
NFRC Total Unit Calculations[a]							ENERGY STAR US Energy Star							ENERGY STAR CANADA Energy Star			
Grille Option	Glazing thickness	Glazing Option	U Value	Solar Heat Gain Coefficient	Visible Light Transmittance	Condensation Resistance Rating	N	NC	SC	S	U-Value (metric)	Air Infiltration L/s/m2	Energy R ating	A	B	C	D
No Grilles	3/4"	Clear Insul	0.46	0.59	0.61	44					2.61	0.46	17				
	3/4"	Insul Low-E	0.33	0.31	0.53	55					1.87	0.46	17				
	3/4"	Insul Low E w/Argon	0.44	0.58	0.61	46					2.50	0.46	19				
	3/4"	Zo-e-shield 5	0.33	0.21	0.48	54			Y	Y	1.87	0.46	11				
	3/4"	Zo-e-shield 5 w/ Argon	0.30	0.21	0.48	57	Y	Y	Y	Y	1.70	0.46	15	Y			
	3/4"	Zo-e-shield 5 Extreme	0.28	0.19	0.43	44	Y	Y	Y	Y	1.59	0.46	16	Y	Y		
	3/4"	Zo-e-shield 5 Extreme w/ Argon	0.26	0.19	0.43	48	Y	Y	Y	Y	1.48	0.46	18	Y	Y		
	3/4"	Zo-e-shield 6	0.34	0.21	0.47	53			Y	Y	1.93	0.46	10				
	3/4"	Zo-e-shield 6 w/ Argon	0.30	0.21	0.47	57	Y	Y	Y	Y	1.70	0.46	15	Y			
5/8" - 13/16" GIA	3/4"	Clear Insul	0.46	0.52	0.54	44					2.61	0.46	13				
	3/4"	Insul Low-E	0.33	0.28	0.47	55			Y		1.87	0.46	15				
	3/4"	Insul Low E w/Argon	0.44	0.52	0.54	46					2.50	0.46	15				
	3/4"	Zo-e-shield 5	0.33	0.19	0.42	54			Y	Y	1.87	0.46	10				
	3/4"	Zo-e-shield 5 w/ Argon	0.30	0.19	0.42	57	Y	Y	Y	Y	1.70	0.46	13	Y			
	3/4"	Zo-e-shield 5 Extreme	0.28	0.18	0.38	44	Y	Y	Y	Y	1.59	0.46	15	Y	Y		
	3/4"	Zo-e-shield 5 Extreme w/ Argon	0.26	0.17	0.38	48	Y	Y	Y	Y	1.48	0.46	17	Y	Y		
	3/4"	Zo-e-shield 6	0.36	0.19	0.42	53				Y	2.04	0.46	6				
	3/4"	Zo-e-shield 6 w/ Argon	0.32	0.19	0.42	57		Y	Y	Y	1.82	0.46	11	Y			
Over 7/8' GIA or SDL	3/4"	Clear Insul	0.46	0.46	0.48	44					2.61	0.46	9				
	3/4"	Insul Low-E	0.33	0.25	0.42	55			Y	Y	1.87	0.46	13				
	3/4"	Insul Low E w/Argon	0.44	0.46	0.48	46					2.50	0.46	12				
	3/4"	Zo-e-shield 5	0.33	0.17	0.37	54			Y	Y	1.87	0.46	9				
	3/4"	Zo-e-shield 5 w/ Argon	0.30	0.17	0.37	57	Y	Y	Y	Y	1.70	0.46	12	Y			
	3/4"	Zo-e-shield 5 Extreme	0.28	0.16	0.34	44	Y	Y	Y	Y	1.59	0.46	14	Y	Y		
	3/4"	Zo-e-shield 5 Extreme w/ Argon	0.26	0.16	0.34	48	Y	Y	Y	Y	1.48	0.46	17	Y	Y		
	3/4"	Zo-e-shield 6	0.36	0.17	0.37	53				Y	2.04	0.46	5				
	3/4"	Zo-e-shield 6 w/ Argon	0.32	0.17	0.37	57		Y	Y	Y	1.82	0.46	10	Y			

[a] Total Unit calculations are derived from computer simulations that are then verified by 3rd party testing in accordance with NFRC 100-04.

US Qualification Criteria	Climate Zone	U-Factor	*SHGC
ENERGY STAR	Northern	<=0.30	Any
		<=0.31	>=0.35
		<=0.32	>=0.40
	North-Central	<=0.32	<=0.40
	South-Central	<=0.35	<=0.30
As of January 2010	Southern	<=0.60	<=0.27

* SHGC = Solar Heat Gain Coefficient