

Thermal Performance Data


Contemporary Sliding Patio Door (8717)

WEATHER SHIELD.
WINDOWS & DOORS

ENERGY PERFORMANCE DATA											CANADIAN ENERGY PERFORMANCE DATA							
NFRC Total Unit Calculations ^a											ENERGY STAR							
Grille Option	Glazing thickness	Glazing Option	CPD #	U Value	Solar Heat Gain Coefficient	Visible Light Transmittance	Condensation Resistance Rating	US ENERGY STAR V 6.0				U-Value (metric)	Maximum Air Leakage U/s/m2	Air Infiltration/Exfiltration Average	Energy Rating	CANADA ENERGY STAR v 4.1		
								N	NC	SC	S					1	2	3
No GIA or SDL	1"	Clear Insul	WEA-N-300-00001-00001	0.46	0.56	0.59	44					2.61	0.6	0.05	15			
	1"	Insul Low-E	WEA-N-300-00155-00001	0.35	0.30	0.52	53					1.99	0.6	0.05	14			
	1"	Insul Low E w/Argon	WEA-N-300-00169-00001	0.31	0.30	0.52	56					1.76	0.6	0.05	19			
	1"	Bronze Low E	WEA-N-300-00019-00001	0.34	0.29	0.38	55					1.93	0.6	0.05	14			
	1"	Bronze Low E w/Argon	WEA-N-300-00033-00001	0.31	0.29	0.38	58					1.76	0.6	0.05	18			
	1"	Insul Low-E 340	WEA-N-300-00125-00001	0.34	0.14	0.28	55					1.93	0.6	0.05	6			
	1"	Insul Low-E 340 w/Argon	WEA-N-300-00145-00001	0.31	0.13	0.28	58					1.76	0.6	0.05	9			
	1"	Zo-e-shield 5	WEA-N-300-00043-00001	0.34	0.20	0.47	55					1.93	0.6	0.05	9			
	1"	Zo-e-shield 5 w/ Argon	WEA-N-300-00079-00001	0.30	0.20	0.47	58	Y	Y	Y	Y	1.70	0.6	0.05	14			
	1"	Zo-e-shield 5 Extreme	WEA-N-300-00048-00001	0.29	0.20	0.45	43	Y	Y	Y	Y	1.65	0.6	0.05	15			
	1"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-300-00084-00001	0.27	0.20	0.45	46	Y	Y	Y	Y	1.53	0.6	0.05	18	Y		
	1"	Insul Low-E 180	WEA-N-300-00115-00001	0.35	0.50	0.57	54					1.99	0.6	0.05	25	Y		
	1"	Insul Low E 180 w/Argon	WEA-N-300-00135-00001	0.32	0.50	0.57	58					1.82	0.6	0.05	29	Y		
	1"	Zo-e-shield 6	WEA-N-300-00055-00001	0.33	0.20	0.46	55					1.87	0.6	0.05	11			
1"	Zo-e-shield 6 w/ Argon	WEA-N-300-00091-00001	0.30	0.20	0.46	58	Y	Y	Y	Y	1.70	0.6	0.05	14				
1"	Zo-e-shield 7 (Triple Glazed)	WEA-N-300-00235-00001	0.28	0.19	0.37	61	Y	Y	Y	Y	1.59	0.6	0.05	16	Y			
1"	Zo-e-shield 7 w/ Argon (Triple Glazed)	WEA-N-300-00239-00001	0.24	0.19	0.37	62	Y	Y	Y	Y	1.36	0.6	0.05	21	Y	Y		
Less Than 1" GIA or SDL	1"	Clear Insul	WEA-N-300-00001-00002	0.46	0.50	0.51	44					2.61	0.6	0.05	12			
	1"	Insul Low-E	WEA-N-300-00155-00002	0.35	0.27	0.45	53					1.99	0.6	0.05	12			
	1"	Insul Low E w/Argon	WEA-N-300-00169-00002	0.31	0.27	0.45	56					1.76	0.6	0.05	17			
	1"	Bronze Low E	WEA-N-300-00019-00002	0.34	0.25	0.33	55					1.93	0.6	0.05	12			
	1"	Bronze Low E w/Argon	WEA-N-300-00033-00002	0.31	0.25	0.33	58					1.76	0.6	0.05	16			
	1"	Insul Low-E 340	WEA-N-300-00125-00002	0.34	0.12	0.24	55					1.93	0.6	0.05	5			
	1"	Insul Low-E 340 w/Argon	WEA-N-300-00145-00002	0.31	0.12	0.24	58					1.76	0.6	0.05	8			
	1"	Zo-e-shield 5	WEA-N-300-00043-00002	0.34	0.18	0.40	55					1.93	0.6	0.05	8			
	1"	Zo-e-shield 5 w/ Argon	WEA-N-300-00079-00002	0.30	0.18	0.40	58	Y	Y	Y	Y	1.70	0.6	0.05	13			
	1"	Zo-e-shield 5 Extreme	WEA-N-300-00048-00002	0.29	0.18	0.40	43	Y	Y	Y	Y	1.65	0.6	0.05	14			
	1"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-300-00084-00002	0.27	0.18	0.40	46	Y	Y	Y	Y	1.53	0.6	0.05	17	Y		
	1"	Insul Low-E 180	WEA-N-300-00115-00002	0.35	0.44	0.50	54					1.99	0.6	0.05	22			
	1"	Insul Low E 180 w/Argon	WEA-N-300-00135-00002	0.32	0.44	0.50	58					1.82	0.6	0.05	25	Y		
	1"	Zo-e-shield 6	WEA-N-300-00055-00002	0.33	0.18	0.40	55					1.87	0.6	0.05	9			
1"	Zo-e-shield 6 w/ Argon	WEA-N-300-00091-00002	0.30	0.18	0.40	58	Y	Y	Y	Y	1.70	0.6	0.05	13				
1"	Zo-e-shield 7 (Triple Glazed)	WEA-N-300-00236-00001	0.29	0.17	0.32	61	Y	Y	Y	Y	1.65	0.6	0.05	14				
1"	Zo-e-shield 7 w/ Argon (Triple Glazed)	WEA-N-300-00240-00001	0.25	0.16	0.32	62	Y	Y	Y	Y	1.42	0.6	0.05	18	Y			
1" Or Over GIA or SDL	1"	Clear Insul	WEA-N-300-00001-00003	0.46	0.43	0.44	44					2.61	0.6	0.05	8			
	1"	Insul Low-E	WEA-N-300-00155-00003	0.35	0.23	0.39	53					1.99	0.6	0.05	10			
	1"	Insul Low E w/Argon	WEA-N-300-00169-00003	0.31	0.23	0.39	56					1.76	0.6	0.05	15			
	1"	Bronze Low E	WEA-N-300-00019-00003	0.34	0.22	0.29	55					1.93	0.6	0.05	10			
	1"	Bronze Low E w/Argon	WEA-N-300-00033-00003	0.31	0.22	0.29	58					1.76	0.6	0.05	14			
	1"	Insul Low-E 340	WEA-N-300-00125-00003	0.34	0.11	0.21	55					1.93	0.6	0.05	4			
	1"	Insul Low-E 340 w/Argon	WEA-N-300-00145-00003	0.31	0.11	0.21	58					1.76	0.6	0.05	8			
	1"	Zo-e-shield 5	WEA-N-300-00043-00003	0.34	0.16	0.35	55					1.93	0.6	0.05	7			
	1"	Zo-e-shield 5 w/ Argon	WEA-N-300-00079-00003	0.30	0.16	0.35	58	Y	Y	Y	Y	1.70	0.6	0.05	12			
	1"	Zo-e-shield 5 Extreme	WEA-N-300-00048-00003	0.29	0.16	0.34	43	Y	Y	Y	Y	1.65	0.6	0.05	13			
	1"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-300-00084-00003	0.27	0.15	0.34	46	Y	Y	Y	Y	1.53	0.6	0.05	15			
	1"	Insul Low-E 180	WEA-N-300-00115-00003	0.35	0.38	0.43	54					1.99	0.6	0.05	18			
	1"	Insul Low E 180 w/Argon	WEA-N-300-00135-00003	0.32	0.38	0.43	58					1.82	0.6	0.05	22			
	1"	Zo-e-shield 6	WEA-N-300-00055-00003	0.33	0.16	0.34	55					1.87	0.6	0.05	8			
1"	Zo-e-shield 6 w/ Argon	WEA-N-300-00091-00003	0.30	0.16	0.34	58	Y	Y	Y	Y	1.70	0.6	0.05	12				
1"	Zo-e-shield 7 (Triple Glazed)	WEA-N-300-00236-00002	0.29	0.15	0.28	61	Y	Y	Y	Y	1.65	0.6	0.05	12				
1"	Zo-e-shield 7 w/ Argon (Triple Glazed)	WEA-N-300-00240-00002	0.25	0.15	0.28	62	Y	Y	Y	Y	1.42	0.6	0.05	17	Y			

^a Total Unit calculations are derived from computer simulations that are then verified by 3rd party testing in accordance with NFRC 100, NFRC 200, and NFRC 500.

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US Qualification Criteria	Climate Zone	U-Factor	*SHGC
 As of January 2016	Northern	≤0.30	≤0.40
	North-Central		≤0.40
	South-Central		≤0.40
	Southern		≤0.25

* SHGC = Solar Heat Gain Coefficient
Air Leakage ≤ 0.3 cfm/ft²