

Thermal Performance Data


Premium Coastal Casement Windows (1210)
Operating windows

WEATHER SHIELD.
WINDOWS & DOORS

ENERGY PERFORMANCE DATA									ENERGY STAR			
NFRC Total Unit Calculations ^a									US ENERGY STAR V 6.0			
Grille Option	Glazing thickness	Glazing Option	CPD #	U Value	Solar Heat Gain Coefficient	Visible Light Transmittance	Condensation Resistance Rating	N	NC	SC	S	
Insulated Impact												
No GIA or SDL	1"	Clear Insul	WEA-N-286-01113-00001	0.45	0.49	0.54	42					
	1"	Insul Low-E 272	WEA-N-286-01115-00001	0.34	0.28	0.47	52					
	1"	Insul Low E 272 w/Argon	WEA-N-286-01117-00001	0.31	0.28	0.47	55					
	1"	Insul Low E 340	WEA-N-286-01123-00001	0.34	0.14	0.26	52				Y	
	1"	insul Low E 340 w/Argon	WEA-N-286-01125-00001	0.30	0.13	0.26	55	Y	Y		Y	
	1"	Insul Low-E 240	WEA-N-286-01127-00001	0.34	0.18	0.26	51				Y	
	1"	Insul Low-E 240 w/Argon	WEA-N-286-01129-00001	0.31	0.17	0.26	55				Y	
	1"	Insul Low E 366 w/Argon	WEA-N-286-01121-00001	0.30	0.19	0.43	56	Y	Y		Y	
Less Than 1" GIA or SDL	1"	Clear Insul	WEA-N-286-01114-00001	0.45	0.45	0.49	42					
	1"	Insul Low-E 272	WEA-N-286-01116-00001	0.35	0.26	0.43	52					
	1"	Insul Low E 272 w/Argon	WEA-N-286-01118-00001	0.32	0.26	0.43	55					
	1"	Insul Low E 340	WEA-N-286-01124-00001	0.35	0.13	0.23	52				Y	
	1"	insul Low E 340 w/Argon	WEA-N-286-01126-00001	0.31	0.12	0.23	55				Y	
	1"	Insul Low-E 240	WEA-N-286-01128-00001	0.36	0.17	0.23	51				Y	
	1"	Insul Low-E 240 w/Argon	WEA-N-286-01130-00001	0.32	0.16	0.23	55				Y	
	1"	Insul Low E 366 w/Argon	WEA-N-286-01122-00001	0.31	0.18	0.39	56				Y	
1" Or Over GIA or SDL	1"	Clear Insul	WEA-N-286-01114-00002	0.45	0.40	0.44	42					
	1"	Insul Low-E 272	WEA-N-286-01116-00002	0.35	0.24	0.39	52				Y	
	1"	Insul Low E 272 w/Argon	WEA-N-286-01118-00002	0.32	0.23	0.39	55				Y	
	1"	Insul Low E 340	WEA-N-286-01124-00002	0.35	0.12	0.21	52				Y	
	1"	insul Low E 340 w/Argon	WEA-N-286-01126-00002	0.31	0.11	0.21	55				Y	
	1"	Insul Low-E 240	WEA-N-286-01128-00002	0.36	0.15	0.21	51				Y	
	1"	Insul Low-E 240 w/Argon	WEA-N-286-01130-00002	0.32	0.15	0.21	55				Y	
	1"	Insul Low E 366 w/Argon	WEA-N-286-01122-00002	0.31	0.16	0.35	56				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	
 <p>As of January 2016</p>	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	

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