

# Thermal Performance Data

Premium Coastal Casement Windows (1209)

Picture/Transom


## WEATHER SHIELD.

WINDOWS & DOORS

ENERGY PERFORMANCE DATA								ENERGY STAR			
NFRC Total Unit Calculations <sup>a</sup>								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
<b>Single Glaze Impact</b>											
<b>No SDL</b>	7/16"	Clear - PVB	WEA-N-285-01133-00001	0.82	0.60	0.69	15				
	7/16"	Low-E 340 - PVB	WEA-N-285-01135-00001	0.82	0.24	0.29	15				
	7/16"	Low-E 366 - PVB	WEA-N-285-01134-00001	0.82	0.27	0.49	15				
	7/16"	Clear - SGP	WEA-N-285-01136-00001	0.83	0.62	0.70	14				
	7/16"	Low-E 340 - SGP	WEA-N-285-01138-00001	0.83	0.23	0.29	14				
	7/16"	Low-E 366 - SGP	WEA-N-285-01137-00001	0.83	0.28	0.48	14				
<b>Less Than 1" SDL</b>	7/16"	Clear - PVB	WEA-N-285-01133-00002	0.82	0.54	0.62	15				
	7/16"	Low-E 340 - PVB	WEA-N-285-01135-00002	0.82	0.21	0.26	15				
	7/16"	Low-E 366 - PVB	WEA-N-285-01134-00002	0.82	0.25	0.44	15				
	7/16"	Clear - SGP	WEA-N-285-01136-00002	0.83	0.56	0.62	14				
	7/16"	Low-E 340 - SGP	WEA-N-285-01138-00002	0.83	0.21	0.26	14				
	7/16"	Low-E 366 - SGP	WEA-N-285-01137-00002	0.83	0.25	0.43	14				
<b>1" Or Over SDL</b>	7/16"	Clear - PVB	WEA-N-285-01133-00003	0.82	0.48	0.55	15				
	7/16"	Low-E 340 - PVB	WEA-N-285-01135-00003	0.82	0.19	0.23	15				
	7/16"	Low-E 366 - PVB	WEA-N-285-01134-00003	0.82	0.22	0.39	15				
	7/16"	Clear - SGP	WEA-N-285-01136-00003	0.83	0.50	0.55	14				
	7/16"	Low-E 340 - SGP	WEA-N-285-01138-00003	0.83	0.19	0.23	14				
	7/16"	Low-E 366 - SGP	WEA-N-285-01137-00003	0.83	0.23	0.38	14				

<sup>a</sup> 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/ft<sup>2</sup>