

# Thermal Performance Data


## Premium Coastal Double Hung Windows (1105)

**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>											
No SDL	7/16"	Clear	WEA-N-282-00623-00001	0.79	0.56	0.63	15				
	7/16"	Gray Tint	WEA-N-282-00628-00001	0.81	0.38	0.28	15				
	7/16"	Low-E 340	WEA-N-282-00625-00001	0.50	0.19	0.30	8				
	7/16"	Low-E 366	WEA-N-282-00626-00001	0.50	0.24	0.50	8				
Less Than 1" SDL	7/16"	Clear	WEA-N-282-00623-00002	0.79	0.50	0.56	15				
	7/16"	Gray Tint	WEA-N-282-00628-00002	0.81	0.34	0.25	15				
	7/16"	Low-E 340	WEA-N-282-00625-00002	0.50	0.17	0.27	8				
	7/16"	Low-E 366	WEA-N-282-00626-00002	0.50	0.22	0.44	8				
1" Or Over SDL	7/16"	Clear	WEA-N-282-00623-00003	0.79	0.44	0.49	15				
	7/16"	Gray Tint	WEA-N-282-00628-00003	0.81	0.31	0.22	15				
	7/16"	Low-E 340	WEA-N-282-00625-00003	0.50	0.15	0.23	8				
	7/16"	Low-E 366	WEA-N-282-00626-00003	0.50	0.19	0.39	8				

<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.

Revised 5/31/19

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>