

Thermal Performance Data

Premium Coastal DH Picture Windows (1108)


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
Single Glaze Impact											
No SDL	7/16"	Clear	WEA-N-291-00778-00001	0.80	0.55	0.64	16				
	7/16"	Low-E 340	WEA-N-291-00780-00001	0.80	0.22	0.27	15				
	7/16"	Low-E 366	WEA-N-291-00779-00001	0.80	0.26	0.44	16				
Less Than 1"	7/16"	Clear	WEA-N-291-00778-00002	0.80	0.49	0.57	16				
	7/16"	Low-E 340	WEA-N-291-00780-00002	0.80	0.20	0.24	15				
	7/16"	Low-E 366	WEA-N-291-00779-00002	0.80	0.24	0.39	16				
1" Or Over	7/16"	Clear	WEA-N-291-00778-00003	0.80	0.44	0.50	16				
	7/16"	Low-E 340	WEA-N-291-00780-00003	0.80	0.18	0.22	15				
	7/16"	Low-E 366	WEA-N-291-00779-00003	0.80	0.21	0.35	16				

^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.

Revised 5/13/20

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