

# Thermal Performance Data


Premium Coastal 2-1/4" Outswing  
Side Hinge French Door (1606)

**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>Insulated Impact</b>											
<b>No Grilles</b>	1"	Clear Insul	WEA-N-249-00325-00001	0.41	0.37	0.41	49				
	1"	Insul Low-E 272	WEA-N-249-00327-00001	0.34	0.22	0.36	49				
	1"	Insul Low E 272 w/Argon	WEA-N-249-00339-00001	0.31	0.22	0.36	58				
	1"	Insul Low E 340	WEA-N-249-00331-00001	0.33	0.11	0.19	55				
	1"	insul Low E 340 w/Argon	WEA-N-249-00343-00001	0.31	0.10	0.19	47				
	1"	Insul Low-E 240	WEA-N-249-00329-00001	0.34	0.14	0.19	49				
	1"	Insul Low-E 240 w/Argon	WEA-N-249-00341-00001	0.31	0.14	0.19	59				
	1"	Insul Low E 366 w/Argon	WEA-N-249-00333-00001	0.33	0.15	0.32	55				
	1"	Insul Gray	WEA-N-249-00325-00002	0.41	0.27	0.25	49				
	1"	Insul Gray w/Argon	WEA-N-249-00337-00002	0.40	0.27	0.25	51				
<b>Less Than 1" GIA</b>	1"	Clear Insul	WEA-N-249-00326-00003	0.42	0.32	0.35	55				
	1"	Insul Low-E 272	WEA-N-249-00328-00003	0.35	0.19	0.30	49				
	1"	Insul Low E 272 w/Argon	WEA-N-249-00340-00003	0.32	0.19	0.30	52				
	1"	Insul Low E 340	WEA-N-249-00308-00003	0.34	0.10	0.16	45				
	1"	insul Low E 340 w/Argon	WEA-N-249-00344-00003	0.32	0.09	0.16	47				
	1"	Insul Low-E 240	WEA-N-249-00330-00003	0.35	0.12	0.16	49				
	1"	Insul Low-E 240 w/Argon	WEA-N-249-00342-00003	0.33	0.12	0.16	59				
	1"	Insul Low E 366 w/Argon	WEA-N-249-00334-00003	0.34	0.13	0.27	55				
	1"	Insul Gray	WEA-N-249-00326-00007	0.42	0.24	0.21	55				
	1"	Insul Gray w/Argon	WEA-N-249-00338-00007	0.41	0.24	0.21	47				
<b>1" Or Over GIA or SDL</b>	1"	Clear Insul	WEA-N-249-00326-00004	0.42	0.27	0.29	55				
	1"	Insul Low-E 272	WEA-N-249-00328-00004	0.35	0.16	0.25	49				
	1"	Insul Low E 272 w/Argon	WEA-N-249-00340-00004	0.32	0.16	0.25	52				
	1"	Insul Low E 340	WEA-N-249-00308-00004	0.34	0.08	0.14	45				
	1"	insul Low E 340 w/Argon	WEA-N-249-00344-00004	0.32	0.08	0.14	47				
	1"	Insul Low-E 240	WEA-N-249-00330-00004	0.35	0.11	0.14	49				
	1"	Insul Low-E 240 w/Argon	WEA-N-249-00342-00004	0.33	0.10	0.14	59				
	1"	Insul Low E 366 w/Argon	WEA-N-249-00334-00004	0.34	0.12	0.23	55				
	1"	Insul Gray	WEA-N-249-00326-00008	0.42	0.20	0.18	55				
	1"	Insul Gray w/Argon	WEA-N-249-00338-00008	0.41	0.20	0.18	47				

<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	<=0.30	<=0.40
	North-Central		
	South-Central		<=0.25
	Southern		

\* SHGC = Solar Heat Gain Coefficient

Air Leakage  $\leq 0.3 \text{ cfm/ft}^2$