

# CRESTLINE

WINDOWS AND PATIO DOORS



## Qualify for a credit of up to \$1500 on your next federal tax return by purchasing energy smart products from Crestline.

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The American Recovery and Reinvestment Act of 2009 signed on February 17th by President Obama provides a tax credit for qualifying energy-efficient home improvements including windows and doors through 2010. Homeowners can receive a tax credit equal to 30% of their investment, up to \$1,500.

In order to receive the tax credit, the window or door must achieve a .30 or lower U-factor and .30 or lower Solar Heat Gain Coefficient. This is more stringent than the current ENERGY STAR<sup>®</sup> specifications. Crestline is proud to offer an unequaled breadth of products that qualify for the tax credit.

Utilizing a number of energy smart solutions, such as Zo-e-shield<sup>®</sup>, the World's Best Energy Glass<sup>™</sup> is an important differentiation for Crestline in meeting the strict criteria of the Act. In fact, with Zo-e-shield glazing options, the vast majority of our product styles meet or exceed the specified requirements. Few competing brands can offer such flexibility!

The products that meet the requirements are noted below in an easy-to-understand format. For greater detail, please refer to our Thermal Performance Charts.

### How to Take Advantage of the Energy Tax Credit

- Purchase qualifying Crestline windows or doors that have a U-Factor and SHGC of 0.30 or lower.
- The credit is equal to 30% of the investment with the aggregate amount not to exceed \$1,500 for during the two taxable years.
- Purchase and installation of qualifying products must occur between January 1, 2009 and December 31, 2010.
- The purchase of the qualified windows must be made during the taxable year for which the credit is being claimed.
- The credit is allowed only for the price of the qualifying windows and doors. Installation and sales tax are excluded.
- Claim the corresponding tax credit for your purchase on you Federal taxes for either the 2009 and/or the 2010 tax year.
- Retain your sales receipt and the NFRC/ENERGY STAR<sup>®</sup> label for each window and door unit you purchase and keep for tax filing purposes.
- Tax credit is only available for home improvements, not new construction.

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## Qualifying Stock SKU's

The following products listed below (and correlating codes/sku numbers) are available at Menards. Please note product selection may vary by store.

Menard's SKU	Unit Type / Size	SKU Status	2010 Tax Credit Compliant >=.30 U value >= .30 SHGC
<b>Crestline Select 200 White Vinyl Single Hung</b> – Zoe-4 w/ Inert Gas, 3/4 Profiled GIA, 2 9/16 Frame w/integral J-Channel, Screen			
4045000	Crestline Select 200 - SH 2036	In Stock	Yes
4045003	Crestline Select 200 - SH 2630	In Stock	Yes
4045006	Crestline Select 200 - SH 2636	In Stock	Yes
4045009	Crestline Select 200 - SH 2640	In Stock	Yes
4045021	Crestline Select 200 - SH 2650	In Stock	Yes
4045012	Crestline Select 200 - SH 3036	In Stock	Yes
4045018	Crestline Select 200 - SH 3040	In Stock	Yes
4045027	Crestline Select 200 - SH 3050	In Stock	Yes
4045015	Crestline Select 200 - SH 2646	In Stock	Yes
4045024	Crestline Select 200 - SH 3046	In Stock	Yes
<b>Crestline Select 200 Almond Vinyl Single Hung</b> – Zoe-4 w/ Inert Gas, 2 9/16 Frame w/integral J-Channel, Screen			
4045200	Crestline Select 200 SH 2036	In Stock	Yes
4045203	Crestline Select 200 SH 2630	In Stock	Yes
4045206	Crestline Select 200 SH 2636	In Stock	Yes
4045209	Crestline Select 200 SH 2640	In Stock	Yes
4045212	Crestline Select 200 SH 3036	In Stock	Yes
4045215	Crestline Select 200 SH 3040	In Stock	Yes
<b>Crestline Select 200 White Vinyl Single Glider</b> - Zoe-4 w/Inert Gas, 3/4 Profiled GIA, 2 9/16 Frame w/integral J-Channel, Screen			
4045100	Crestline Select 200 - SG 2620	In Stock	Yes
4045103	Crestline Select 200 - SG 3020	In Stock	Yes
4045109	Crestline Select 200 - SG 3030	In Stock	Yes
4045112	Crestline Select 200 - SG 4030	In Stock	Yes
4045118	Crestline Select 200 - SG 4040	In Stock	Yes
4045127	Crestline Select 200 - SG 5040	In Stock	Yes
4045130	Crestline Select 200 - SG 5050	In Stock	Yes
4045106	Crestline Select 200 - SG 3026	In Stock	Yes
4045115	Crestline Select 200 - SG 5030	In Stock	Yes
4045133	Crestline Select 200 - EV 6040	In Stock	Yes
<b>Crestline Select 200 Almond Vinyl Single Glider</b> - Zoe-4 w/Inert Gas, 2 9/16" frame w/integral J-Channel, screen			
4045300	Crestline Select 200 SG 3020	In Stock	Yes
4045303	Crestline Select 200 SG 3030	In Stock	Yes
4045306	Crestline Select 200 SG 4030	In Stock	Yes
4045309	Crestline Select 200 SG 4040	In Stock	Yes
<b>Crestline Select 300 Casement</b> - Lo-E w/Inert Gas, 3 1/4" Frame, Screen			
4043282	Crestline Select 300 CS 2640L	In Stock	Yes
4043279	Crestline Select 300 CS 2640R	In Stock	Yes
<b>Crestline Acclaim White Fiberglass Double Hung</b> - Zo-e 5 w/Inert Gas, 4 9/16" Frame, screen, unfinished Pine Interior			
4047300	Crestline Acclaim - DH 2630	In Stock	Yes
4047303	Crestline Acclaim - DH 2640	In Stock	Yes
4047309	Crestline Acclaim - DH 2646	In Stock	Yes
4047312	Crestline Acclaim - DH 3046	In Stock	Yes
<b>Crestline Select 300 White Sliding Patio Doors</b> - 6068 3/4 Profiled GIA, Zoe-5 w/Inert, Premium screen White/White Hardware with			
4214050	Crestline Select 300 SPD 6068	In Stock	Yes
<b>Crestline Select 300 Almond Sliding Patio Doors</b> - 6068 Zoe-5 w/Inert Gas, Premium screen Standard Hardware with Thumb turn			
4214051	Crestline Select 300 SPD 6068	In Stock	Yes
<b>Peachtree Citadel White Sliding Patio Doors</b> - 6068 Lo-E w/Inert Gas			
4213460	Peachtree Citadel SPD 6068 (XO)	In Stock	Yes
4213461	Peachtree Citadel SPD 6068 (OX)	In Stock	Yes

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## Performance Data & Information

Crestline Windows and Doors is a manufacturer of exterior windows and patio doors. This Manufacturer's Certification Statement can be relied upon by you, the taxpayer, for verification that the below mentioned products are eligible for the tax credits identified in the American Recovery and Reinvestment Act of 2009.

### Select Clad Wood Products - SKU 4000201

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Double Hung w/ Energy Sash	none	3/4"	Insul Lo-E w/ Inert Gas	0.30	0.19	0.50	Y
Double Hung w/ Energy Sash	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.22	0.32	Y
Double Hung w/ Energy Sash	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.30	0.19	0.45	Y
Double Hung w/ Energy Sash	Std GBG/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.30	0.18	0.44	Y
Double Hung w/ Energy Sash	Std GBG/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.19	0.29	Y
Double Hung w/ Energy Sash	Std GBG/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.30	0.18	0.40	Y
DH Transom	none	1"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.26	0.32	Y
DH Transom	none	1"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.19	0.29	Y
DH Transom	none	1"	Zo-e-shield 5 w/ Inert Gas	0.28	0.21	0.49	Y
DH Transom	none	1"	Zo-e-shield 6 w/ Inert Gas	0.28	0.21	0.49	Y
DH Transom	Std GBG/SDL	1"	Insul Lo-E w/ Inert Gas	0.29	0.28	0.49	Y
DH Transom	Std GBG/SDL	1"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.23	0.29	Y
DH Transom	Std GBG/SDL	1"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.17	0.26	Y
DH Transom	Std GBG/SDL	1"	Zo-e-shield 5 w/ Inert Gas	0.28	0.19	0.44	Y
DH Transom	Std GBG/SDL	1"	Zo-e-shield 6 w/ Inert Gas	0.28	0.19	0.44	Y
DH Picture	none	1"	Insul Lo-E w/ Inert Gas	0.29	0.30	0.51	Y
DH Picture	none	1"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.24	0.31	Y
DH Picture	none	1"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.18	0.27	Y
DH Picture	none	1"	Zo-e-shield 5 w/ Inert Gas	0.28	0.20	0.46	Y
DH Picture	none	1"	Zo-e-shield 6 w/ Inert Gas	0.28	0.20	0.46	Y
DH Picture	Std GBG/SDL	1"	Insul Lo-E w/ Inert Gas	0.29	0.27	0.46	Y
DH Picture	Std GBG/SDL	1"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.22	0.27	Y
DH Picture	Std GBG/SDL	1"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.16	0.24	Y
DH Picture	Std GBG/SDL	1"	Zo-e-shield 5 w/ Inert Gas	0.28	0.18	0.41	Y
DH Picture	Std GBG/SDL	1"	Zo-e-shield 6 w/ Inert Gas	0.28	0.18	0.41	Y

#### Terms and Conditions:

Updated 04/28/10

Std GIA/SDL refers to 5/8" Grilles in the Airspace, 3/4" Grilles in the Airspace, and Simulated Divided Lite.

All units are tested in accordance to National Fenestration Rating Counsel (NFRC) procedures. U-Factors are derived from computer simulations using WINDOW 5.2 and THERM 5.2 programs. Simulations are then verified by testing in accordance with NFRC 100-04.

The performance of windows and doors may be affected by factors beyond Crestline's control, such as handling and installation, construction details of the building, exposure conditions, maintenance, normal wear and tear, migration of an inert gas from the insulated glass unit and the like. Ratings (for example, R or U-factors, infiltration tests, etc.) are for comparison purposes only. While Crestline products are manufactured to meet or exceed published ratings, it is not possible to guarantee that they will meet or exceed those ratings after they have been installed, and this is specifically excluded from any warranty.

Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Emory Budzinski  
Senior Product Manager

Continued on the next page



## Performance Data & Information

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### Select Clad Wood Products - SKU 4000201

Casement	none	3/4"	Insul Lo-E w/ Inert Gas	0.30	0.30	0.52	Y
Casement	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.29	0.38	Y
Casement	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.29	0.20	0.47	Y
Casement	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.30	0.28	0.47	Y
Casement	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.26	0.35	Y
Casement	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.29	0.18	0.42	Y
Awning	none	3/4"	Insul Lo-E w/ Inert Gas	0.30	0.30	0.52	Y
Awning	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.29	0.38	Y
Awning	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.29	0.20	0.47	Y
Awning	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.30	0.28	0.47	Y
Awning	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.26	0.35	Y
Awning	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.29	0.19	0.42	Y
Casement Picture	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.27	0.23	0.53	Y
Casement Picture	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.28	0.29	0.39	Y
Casement Picture	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.27	0.21	0.47	Y
Double Slider	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.30	0.21	0.48	Y
Double Slider	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.30	0.19	0.42	Y
Triple Slider	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.30	0.21	0.48	Y
Triple Slider	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.30	0.19	0.42	Y
Direct Set	none	1"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.23	0.36	Y
Direct Set	none	1"	Zo-e-shield 5 w/ Inert Gas	0.28	0.24	0.59	Y
Direct Set	Std GIA/SDL	1"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.21	0.33	Y
Direct Set	Std GIA/SDL	1"	Zo-e-shield 5 w/ Inert Gas	0.28	0.22	0.53	Y
Sliding Patio Door	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.30	0.21	0.50	Y
Sliding Patio Door	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.30	0.19	0.43	Y

#### Terms and Conditions:

Updated 04/28/10

Std GIA/SDL refers to 5/8" Grilles in the Airspace, 3/4" Grilles in the Airspace, and Simulated Divided Lite.

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Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Emory Budzinski  
Senior Product Manager

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### Select Clad Wood Replacement Products - SKU 4000207

Product Line	Grilles	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Double Hung	none	3/4"	Zo-e shield 5 w/ Inert Gas	0.30	0.20	0.58	Y
Double Hung	Std GIA/SDL	3/4"	Zo-e shield 5 w/ Inert Gas	0.30	0.18	0.40	Y
DH Picture	none	1"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.29	0.39	Y
DH Picture	none	1"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.19	0.30	Y
DH Picture	none	1"	Zo-e-shield 5 w/ Inert Gas	0.29	0.20	0.48	Y
DH Picture	Std GIA/SDL	1"	Insul Lo-E w/ Inert Gas	0.30	0.28	0.47	Y
DH Picture	Std GIA/SDL	1"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.17	0.26	Y
DH Picture	Std GIA/SDL	1"	Zo-e-shield 5 w/ Inert Gas	0.29	0.18	0.43	Y
Single Slider	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.30	0.21	0.48	Y
Single Slider	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.30	0.19	0.43	Y
Triple Slider	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.30	0.21	0.48	Y
Triple Slider	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.30	0.19	0.43	Y
Case. w/ Poly Sash	none	3/4"	Zo-e shield 5 w/ Inert Gas	0.30	0.20	0.47	Y
Case. w/ Poly Sash	Std GIA/SDL	3/4"	Zo-e shield 5 w/ Inert Gas	0.30	0.20	0.42	Y
Awning w/ Poly Sash	none	3/4"	Zo-e shield 5 w/ Inert Gas	0.30	0.20	0.47	Y
Awning w/ Poly Sash	Std GIA/SDL	3/4"	Zo-e shield 5 w/ Inert Gas	0.30	0.20	0.42	Y
Casement Picture	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.21	0.32	Y
Casement Picture	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.29	0.23	0.53	Y
Casement Picture	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.28	0.37	Y
Casement Picture	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.19	0.29	Y
Casement Picture	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.28	0.21	0.47	Y
Sliding Patio Door	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.30	0.21	0.50	Y
Sliding Patio Door	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.30	0.19	0.43	Y

#### Terms and Conditions:

Updated 04/28/10

Std GIA/SDL refers to 5/8" Grilles in the Airspace, 3/4" Grilles in the Airspace, and Simulated Divided Lite.

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Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

*Emory Budzinski*

Emory Budzinski  
Senior Product Manager



## Performance Data & Information

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### Select Primed Wood Products - SKU 400202

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Double Hung	none	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.29	0.50	Y
Double Hung	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.27	0.37	Y
Double Hung	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.18	0.28	Y
Double Hung	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.29	0.19	0.45	Y
Double Hung	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.26	0.44	Y
Double Hung	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.25	0.32	Y
Double Hung	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.16	0.24	Y
Double Hung	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.29	0.17	0.39	Y
DH Picture	none	1"	Insul Lo-E w/ Inert Gas	0.28	0.29	0.51	Y
DH Picture	none	1"	Insul Bronze Lo-E w/ Inert Gas	0.28	0.24	0.30	Y
DH Picture	none	1"	Insul Sun 240 Lo-E w/ Inert Gas	0.28	0.18	0.27	Y
DH Picture	none	1"	Zo-e-shield 5	0.30	0.21	0.46	Y
DH Picture	none	1"	Zo-e-shield 5 w/ Inert Gas	0.27	0.20	0.46	Y
DH Picture	Std GIA/SDL	1"	Insul Lo-E w/ Inert Gas	0.28	0.26	0.45	Y
DH Picture	Std GIA/SDL	1"	Insul Bronze Lo-E w/ Inert Gas	0.28	0.22	0.27	Y
DH Picture	Std GIA/SDL	1"	Insul Sun 240 Lo-E w/ Inert Gas	0.28	0.16	0.24	Y
DH Picture	Std GIA/SDL	1"	Zo-e-shield 5	0.30	0.19	0.41	Y
DH Picture	Std GIA/SDL	1"	Zo-e-shield 5 w/ Inert Gas	0.27	0.18	0.41	Y
Double Slider	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.19	0.29	Y
Double Slider	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.29	0.40	Y
Double Slider	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.29	0.20	0.48	Y
Double Slider	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.30	0.28	0.47	Y
Double Slider	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.17	0.26	Y
Double Slider	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.26	0.35	Y
Double Slider	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.28	0.18	0.42	Y

Terms and Conditions:

Updated 011/09/09

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Emory Budzinski  
Senior Product Manager



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### Select Primed Wood Products - SKU 4000202

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Triple Slider	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.19	0.29	Y
Triple Slider	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.29	0.40	Y
Triple Slider	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.29	0.20	0.48	Y
Triple Slider	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.30	0.28	0.47	Y
Triple Slider	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.17	0.26	Y
Triple Slider	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.26	0.35	Y
Triple Slider	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.28	0.18	0.42	Y
Casement	none	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.30	0.51	Y
Casement	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.28	0.38	Y
Casement	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.18	0.28	Y
Casement	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.27	0.20	0.46	Y
Casement	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.27	0.46	Y
Casement	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.26	0.34	Y
Casement	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.17	0.26	Y
Casement	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.27	0.18	0.42	Y
Awning	none	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.29	0.50	Y
Awning	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.27	0.37	Y
Awning	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.18	0.28	Y
Awning	none	3/4"	Zo-e-shield 5	0.30	0.19	0.45	Y
Awning	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.27	0.19	0.45	Y
Awning	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.26	0.45	Y
Awning	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.25	0.33	Y
Awning	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.16	0.25	Y
Awning	Std GIA/SDL	3/4"	Zo-e-shield 5	0.30	0.18	0.41	Y
Awning	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.27	0.18	0.41	Y

Terms and Conditions:

Updated 011/09/09

Std GIA/SDL refers to 5/8" Grilles in the Airspace, 3/4" Grilles in the Airspace, and Simulated Divided Lite.

All units are tested in accordance to National Fenestration Rating Counsel (NFRC) procedures. U-Factors are derived from computer simulations using WINDOW 5.2 and THERM 5.2 programs. Simulations are then verified by testing in accordance with NFRC 100-04.

The performance of windows and doors may be affected by factors beyond Crestline's control, such as handling and installation, construction details of the building, exposure conditions, maintenance, normal wear and tear, migration of an inert gas from the insulated glass unit and the like. Ratings (for example, R or U-factors, infiltration tests, etc.) are for comparison purposes only. While Crestline products are manufactured to meet or exceed published ratings, it is not possible to guarantee that they will meet or exceed those ratings after they have been installed, and this is specifically excluded from any warranty.

Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Emory Budzinski  
Senior Product Manager

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# CRESTLINE

WINDOWS AND PATIO DOORS



## Performance Data & Information

Crestline Windows and Doors is a manufacturer of exterior windows and patio doors. This Manufacturer's Certification Statement can be relied upon by you, the taxpayer, for verification that the below mentioned products are eligible for the tax credits identified in the American Recovery and Reinvestment Act of 2009.

### Select Primed Wood Products - SKU 4000202

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Casement Picture	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.28	0.20	0.32	Y
Casement Picture	none	3/4"	Zo-e-shield 5	0.30	0.23	0.52	Y
Casement Picture	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.26	0.22	0.52	Y
Casement Picture	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.28	0.30	0.52	Y
Casement Picture	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.28	0.29	0.38	Y
Casement Picture	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.28	0.19	0.29	Y
Casement Picture	Std GIA/SDL	3/4"	Zo-e-shield 5	0.30	0.20	0.47	Y
Casement Picture	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.26	0.20	0.47	Y
Direct Set	none	1"	Insul Sun 240 Lo-E w/ Inert Gas	0.27	0.21	0.33	Y
Direct Set	none	1"	Insul Bronze Lo-E	0.30	0.29	0.37	Y
Direct Set	none	1"	Insul Bronze Lo-E w/ Inert Gas	0.27	0.29	0.37	Y
Direct Set	Std GIA/SDL	1"	Insul Sun 240 Lo-E w/ Inert Gas	0.27	0.20	0.30	Y
Direct Set	Std GIA/SDL	1"	Insul Bronze Lo-E	0.30	0.27	0.33	Y
Direct Set	Std GIA/SDL	1"	Insul Bronze Lo-E w/ Inert Gas	0.27	0.26	0.33	Y

### Select Primed Wood Sliding Patio Doors

Sliding Patio Door	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.30	0.28	0.48	Y
Sliding Patio Door	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.30	0.39	Y
French Sliding Door	none	3/4"	Insul Lo-E w/ Inert Gas	0.30	0.26	0.44	Y
French Sliding Door	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.30	0.23	0.38	Y

#### Terms and Conditions:

Updated 011/09/09

Std GIA/SDL refers to 5/8" Grilles in the Airspace, 3/4" Grilles in the Airspace, and Simulated Divided Lite.

All units are tested in accordance to National Fenestration Rating Counsel (NFRC) procedures. U-Factors are derived from computer simulations using WINDOW 5.2 and THERM 5.2 programs. Simulations are then verified by testing in accordance with NFRC 100-04.

The performance of windows and doors may be affected by factors beyond Crestline's control, such as handling and installation, construction details of the building, exposure conditions, maintenance, normal wear and tear, migration of an inert gas from the insulated glass unit and the like. Ratings (for example, R or U-factors, infiltration tests, etc.) are for comparison purposes only. While Crestline products are manufactured to meet or exceed published ratings, it is not possible to guarantee that they will meet or exceed those ratings after they have been installed, and this is specifically excluded from any warranty.

Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Emory Budzinski  
Senior Product Manager



## Performance Data & Information

Crestline Windows and Doors is a manufacturer of exterior windows and patio doors. This Manufacturer's Certification Statement can be relied upon by you, the taxpayer, for verification that the below mentioned products are eligible for the tax credits id

### Acclaim Fiberglass Products - SKU 400211

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Casement - Wood Interior	No Grids	3/4"	Insul Low E w/Argon	0.29	0.30	0.52	Y
Casement - Wood Interior	No Grids	3/4"	Zo-e-shield 5 w/ Argon	0.28	0.20	0.46	Y
Casement - Wood Interior	No Grids	1-3/8"	Zo-e-shield 8	0.22	0.18	0.36	Y
Casement - Wood Interior	No Grids	1-3/8"	Zo-e-shield 8 w/ Argon	0.19	0.18	0.36	Y
Casement - Wood Interior	5/8 - 1" Grids	3/4"	Insul Low E w/Argon	0.29	0.28	0.47	Y
Casement - Wood Interior	5/8 - 1" Grids	3/4"	Zo-e-shield 5 w/ Argon	0.28	0.18	0.42	Y
Casement - Wood Interior	5/8 - 1" Grids	1-3/8"	Zo-e-shield 8	0.22	0.17	0.33	Y
Casement - Wood Interior	5/8 - 1" Grids	1-3/8"	Zo-e-shield 8 w/ Argon	0.19	0.16	0.33	Y
Casement - Wood Interior	Grids over 1"	3/4"	Insul Low E w/Argon	0.29	0.25	0.42	Y
Casement - Wood Interior	Grids over 1"	3/4"	Zo-e-shield 5 w/ Argon	0.28	0.17	0.38	Y
Casement - Wood Interior	Grids over 1"	1-3/8"	Zo-e-shield 8	0.22	0.15	0.30	Y
Casement - Wood Interior	Grids over 1"	1-3/8"	Zo-e-shield 8 w/ Argon	0.19	0.15	0.30	Y
Casement Picture - Wood Int.	No Grids	3/4"	Zo-e-shield 5	0.30	0.23	0.53	Y
Casement Picture - Wood Int.	No Grids	3/4"	Zo-e-shield 5 w/ Argon	0.27	0.23	0.53	Y
Casement Picture - Wood Int.	5/8 - 1" Grids	3/4"	Zo-e-shield 5	0.30	0.21	0.47	Y
Casement Picture - Wood Int.	5/8 - 1" Grids	3/4"	Zo-e-shield 5 w/ Argon	0.27	0.20	0.47	Y
Casement Picture - Wood Int.	Grids over 1"	3/4"	Insul Low E w/Argon	0.27	0.28	0.47	Y
Casement Picture - Wood Int.	Grids over 1"	3/4"	Zo-e-shield 5	0.30	0.19	0.42	Y
Casement Picture - Wood Int.	Grids over 1"	3/4"	Zo-e-shield 5 w/ Argon	0.27	0.19	0.42	Y
Casement - Fiberglass Interior	No Grids	3/4"	Insul Low E w/Argon	0.29	0.30	0.52	Y
Casement - Fiberglass Interior	No Grids	3/4"	Zo-e-shield 5 w/ Argon	0.28	0.20	0.46	Y
Casement - Fiberglass Interior	No Grids	1-3/8"	Zo-e-shield 8	0.21	0.18	0.37	Y
Casement - Fiberglass Interior	No Grids	1-3/8"	Zo-e-shield 8 w/ Argon	0.19	0.18	0.37	Y
Casement - Fiberglass Interior	5/8 - 1" Grids	3/4"	Insul Low E w/Argon	0.29	0.28	0.47	Y
Casement - Fiberglass Interior	5/8 - 1" Grids	3/4"	Zo-e-shield 5 w/ Argon	0.28	0.18	0.42	Y
Casement - Fiberglass Interior	5/8 - 1" Grids	1-3/8"	Zo-e-shield 8	0.21	0.17	0.34	Y
Casement - Fiberglass Interior	5/8 - 1" Grids	1-3/8"	Zo-e-shield 8 w/ Argon	0.19	0.17	0.34	Y
Casement - Fiberglass Interior	Grids over 1"	3/4"	Insul Low E w/Argon	0.29	0.25	0.42	Y
Casement - Fiberglass Interior	Grids over 1"	3/4"	Zo-e-shield 5 w/ Argon	0.28	0.17	0.38	Y
Casement - Fiberglass Interior	Grids over 1"	1-3/8"	Zo-e-shield 8	0.21	0.16	0.30	Y
Casement - Fiberglass Interior	Grids over 1"	1-3/8"	Zo-e-shield 8 w/ Argon	0.19	0.15	0.30	Y

#### Terms and Conditions:

Updated 04/12/10

5/8" - 1" Grids includes Simulated Divided Lite option

All units are tested in accordance to National Fenestration Rating Counsel (NFRC) procedures. U-Factors are derived from computer simulations using WINDOW 5.2 and THERM 5.2 programs. Simulations are then verified by testing in accordance with NFRC 100-0 The performance of windows and doors may be affected by factors beyond Crestline's control, such as handling and installation, construction details of the building, exposure conditions, maintenance, normal wear and tear, migration of an inert gas from the insulated glass unit and the like. Ratings (for example, R or U-factors, infiltration tests, etc.) are for comparison purposes only. While Crestline products are manufactured to meet or exceed published ratings, it is not possible to guarantee that they will meet or exceed those ratings after they have been installed, and this is specifically excluded from any warranty.

Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Emory Budzinski  
Senior Product Manager

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# CRESTLINE

WINDOWS AND PATIO DOORS



## Performance Data & Information

Crestline Windows and Doors is a manufacturer of exterior windows and patio doors. This Manufacturer's Certification Statement can be relied upon by you, the taxpayer, for verification that the below mentioned products are eligible for the tax credits id

### Acclaim Fiberglass Products - SKU 4000211

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Awning - Wood Interior	No Grids	3/4"	Insul Low E w/Argon	0.29	0.30	0.52	Y
Awning - Wood Interior	No Grids	3/4"	Zo-e-shield 5 w/ Argon	0.28	0.20	0.46	Y
Awning - Wood Interior	5/8 - 1" Grids	3/4"	Insul Low E w/Argon	0.29	0.28	0.47	Y
Awning - Wood Interior	5/8 - 1" Grids	3/4"	Zo-e-shield 5 w/ Argon	0.28	0.18	0.42	Y
Awning - Wood Interior	Grids over 1"	3/4"	Insul Low E w/Argon	0.29	0.25	0.42	Y
Awning - Wood Interior	Grids over 1"	3/4"	Zo-e-shield 5 w/ Argon	0.28	0.17	0.38	Y
Double Hung - Wood Interior	No Grids	3/4"	Zo-e-shield 5 w/ Argon	0.28	0.20	0.47	Y
Double Hung - Wood Interior	5/8 - 1" Grids	3/4"	Insul Low E w/Argon	0.29	0.27	0.47	Y
Double Hung - Wood Interior	5/8 - 1" Grids	3/4"	Zo-e-shield 5 w/ Argon	0.28	0.18	0.42	Y
Double Hung - Wood Interior	Grids over 1"	3/4"	Insul Low E w/Argon	0.29	0.25	0.41	Y
Double Hung Picture - Wood Int.	No Grids	3/4"	Zo-e-shield 5	0.30	0.24	0.56	Y
Double Hung Picture - Wood Int.	No Grids	3/4"	Zo-e-shield 5 w/ Argon	0.26	0.24	0.56	Y
Double Hung Picture - Wood Int.	5/8 - 1" Grids	3/4"	Zo-e-shield 5	0.30	0.22	0.50	Y
Double Hung Picture - Wood Int.	5/8 - 1" Grids	3/4"	Zo-e-shield 5 w/ Argon	0.26	0.21	0.50	Y
Double Hung Picture - Wood Int.	Grids over 1"	3/4"	Insul Low E w/Argon	0.27	0.29	0.49	Y
Double Hung Picture - Wood Int.	Grids over 1"	3/4"	Zo-e-shield 5	0.30	0.20	0.44	Y
Double Hung Picture - Wood Int.	Grids over 1"	3/4"	Zo-e-shield 5 w/ Argon	0.26	0.19	0.44	Y
Special Shapes - Wood Interior	No Grids	3/4"	Zo-e-shield 5	0.30	0.24	0.56	Y
Special Shapes - Wood Interior	No Grids	3/4"	Zo-e-shield 5 w/ Argon	0.26	0.24	0.56	Y
Special Shapes - Wood Interior	5/8 - 1" Grids	3/4"	Zo-e-shield 5	0.30	0.22	0.50	Y
Special Shapes - Wood Interior	5/8 - 1" Grids	3/4"	Zo-e-shield 5 w/ Argon	0.26	0.21	0.50	Y
Special Shapes - Wood Interior	Grids over 1"	3/4"	Insul Low-E	0.30	0.29	0.49	Y
Special Shapes - Wood Interior	Grids over 1"	3/4"	Insul Low E w/Argon	0.26	0.29	0.49	Y
Special Shapes - Wood Interior	Grids over 1"	3/4"	Zo-e-shield 5	0.30	0.20	0.45	Y
Special Shapes - Wood Interior	Grids over 1"	3/4"	Zo-e-shield 5 w/ Argon	0.26	0.19	0.45	Y

#### Terms and Conditions:

Updated 04/12/10

5/8" - 1" Grids includes Simulated Divided Lite option

All units are tested in accordance to National Fenestration Rating Counsel (NFRC) procedures. U-Factors are derived from computer simulations using WINDOW 5.2 and THERM 5.2 programs. Simulations are then verified by testing in accordance with NFRC 100-0 The performance of windows and doors may be affected by factors beyond Crestline's control, such as handling and installation, construction details of the building, exposure conditions, maintenance, normal wear and tear, migration of an inert gas from the insulated glass unit and the like. Ratings (for example, R or U-factors, infiltration tests, etc.) are for comparison purposes only. While Crestline products are manufactured to meet or exceed published ratings, it is not possible to guarantee that they will meet or exceed those ratings after they have been installed, and this is specifically excluded from any warranty.

Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Emory Budzinski  
Senior Product Manager



## Performance Data & Information

Crestline Windows and Doors is a manufacturer of exterior windows and patio doors. This Manufacturer's Certification Statement can be relied upon by you, the taxpayer, for verification that the below mentioned products are eligible for the tax credits identified in the American Recovery and Reinvestment Act of 2009.

### Select 500 Vinyl Clad Products - SKU 4000203

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Prem. Double Hung	none	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.26	0.34	Y
Prem. Double Hung	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.30	0.41	Y
Prem. Double Hung	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.18	0.28	Y
Prem. Double Hung	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.28	0.20	0.46	Y
Prem. Double Hung	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.26	0.34	Y
Prem. Double Hung	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.30	0.41	Y
Prem. Double Hung	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.18	0.28	Y
Prem. Double Hung	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.28	0.20	0.46	Y
Prem. DH Picture	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.30	0.40	Y
Prem. DH Picture	none	3/4"	Insul Sun 240 Lo-E	0.30	0.28	0.30	Y
Prem. DH Picture	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.27	0.20	0.30	Y
Prem. DH Picture	none	3/4"	Zo-e-shield 5	0.29	0.21	0.49	Y
Prem. DH Picture	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.26	0.21	0.49	Y
Prem. DH Picture	Std GIA/SDL	3/4"	Insul Lo-E	0.30	0.28	0.48	Y
Prem. DH Picture	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.26	0.28	0.48	Y
Prem. DH Picture	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E	0.30	0.18	0.27	Y
Prem. DH Picture	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.27	0.17	0.27	Y
Prem. DH Picture	Std GIA/SDL	3/4"	Zo-e-shield 5	0.29	0.19	0.43	Y
Prem. DH Picture	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.26	0.19	0.43	Y
Prem. DH Transom	none	3/4"	Insul Bronze Lo-E	0.30	0.30	0.40	Y
Prem. DH Transom	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.27	0.30	0.40	Y
Prem. DH Transom	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.27	0.19	0.30	Y
Prem. DH Transom	none	3/4"	Zo-e-shield 5	0.30	0.21	0.49	Y
Prem. DH Transom	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.26	0.21	0.49	Y
Prem. DH Transom	Std GIA/SDL	3/4"	Insul Lo-E	0.29	0.24	0.40	Y
Prem. DH Transom	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.26	0.23	0.40	Y
Prem. DH Transom	Std GIA/SDL	3/4"	Insul Bronze Lo-E	0.29	0.22	0.30	Y
Prem. DH Transom	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.26	0.20	0.30	Y
Prem. DH Transom	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.27	0.17	0.27	Y
Prem. DH Transom	Std GIA/SDL	3/4"	Zo-e-shield 5	0.30	0.21	0.49	Y
Prem. DH Transom	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.26	0.21	0.49	Y

#### Terms and Conditions:

Updated 011/09/09

Std GIA/SDL refers to 5/8" Grilles in the Airspace, 3/4" Grilles in the Airspace, and Simulated Divided Lite.

All units are tested in accordance to National Fenestration Rating Council (NFRC) procedures. U-Factors are derived from computer simulations using WINDOW 5.2 and THERM 5.2 programs. Simulations are then verified by testing in accordance with NFRC 100-04.

The performance of windows and doors may be affected by factors beyond Crestline's control, such as handling and installation, construction details of the building, exposure conditions, maintenance, normal wear and tear, migration of an inert gas from the insulated glass unit and the like.

Ratings (for example, R or U-factors, infiltration tests, etc.) are for comparison purposes only. While Crestline products are manufactured to meet or exceed published ratings, it is not possible to guarantee that they will meet or exceed those ratings after they have been installed, and this is specifically excluded from any warranty.

Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Emory Budzinski  
Senior Product Manager

Continued on the next page



## Performance Data & Information

Crestline Windows and Doors is a manufacturer of exterior windows and patio doors. This Manufacturer's Certification Statement can be relied upon by you, the taxpayer, for verification that the below mentioned products are eligible for the tax credits identified in the American Recovery and Reinvestment Act of 2009.

### Select 500 Vinyl Clad Products - SKU 4000203

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Double Hung	none	5/8"	Insul Lo-E w/ Inert Gas	0.29	0.30	0.52	Y
Double Hung	none	5/8"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.29	0.39	Y
Double Hung	none	5/8"	Insul Sun 140 Lo-E w/ Inert Gas	0.30	0.19	0.29	Y
Double Hung	none	5/8"	Zo-e-shield 5 w/ Inert Gas	0.29	0.20	0.47	Y
Double Hung	Std GIA/SDL	5/8"	Insul Lo-E w/ Inert Gas	0.30	0.27	0.46	Y
Double Hung	Std GIA/SDL	5/8"	Zo-e-shield 5 w/ Inert Gas	0.30	0.18	0.41	Y
Double Slider	none	5/8"	Insul Lo-E w/ Inert Gas	0.29	0.30	0.52	Y
Double Slider	none	5/8"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.29	0.39	Y
Double Slider	none	5/8"	Insul Sun 140 Lo-E w/ Inert Gas	0.29	0.19	0.29	Y
Double Slider	none	5/8"	Zo-e-shield 5 w/ Inert Gas	0.28	0.20	0.47	Y
Double Slider	Std GIA/SDL	5/8"	Insul Lo-E w/ Inert Gas	0.30	0.27	0.46	Y
Double Slider	Std GIA/SDL	5/8"	Insul Bronze Lo-E w/ Inert Gas	0.30	0.26	0.34	Y
Double Slider	Std GIA/SDL	5/8"	Insul Sun 140 Lo-E w/ Inert Gas	0.30	0.17	0.26	Y
Double Slider	Std GIA/SDL	5/8"	Zo-e-shield 5 w/ Inert Gas	0.29	0.18	0.42	Y
Direct Set	none	13/16"	Insul Sun 140 Lo-E w/ Inert Gas	0.27	0.22	0.35	Y
Direct Set	none	13/16"	Zo-e-shield 5	0.30	0.24	0.56	Y
Direct Set	none	13/16"	Zo-e-shield 5 w/ Inert Gas	0.26	0.24	0.56	Y
Direct Set	Std GIA/SDL	13/16"	Insul Bronze Lo-E w/ Inert Gas	0.27	0.27	0.35	Y
Direct Set	Std GIA/SDL	13/16"	Insul Sun 140 Lo-E w/ Inert Gas	0.27	0.20	0.31	Y
Direct Set	Std GIA/SDL	13/16"	Zo-e-shield 5	0.30	0.22	0.50	Y
Direct Set	Std GIA/SDL	13/16"	Zo-e-shield 5 w/ Inert Gas	0.26	0.22	0.50	Y
Casement	none	13/16"	Insul Lo-E	0.30	0.30	0.52	Y
Casement	none	13/16"	Insul Lo-E w/ Inert Gas	0.27	0.30	0.52	Y
Casement	none	13/16"	Insul Bronze Lo-E	0.30	0.29	0.38	Y
Casement	none	13/16"	Insul Bronze Lo-E w/ Inert Gas	0.27	0.29	0.38	Y
Casement	none	13/16"	Insul Sun 140 Lo-E w/ Inert Gas	0.28	0.18	0.29	Y
Casement	none	13/16"	Zo-e-shield 5	0.30	0.20	0.46	Y
Casement	none	13/16"	Zo-e-shield 5 w/ Inert Gas	0.27	0.20	0.46	Y
Casement	Std GIA/SDL	13/16"	Insul Lo-E	0.30	0.28	0.47	Y
Casement	Std GIA/SDL	13/16"	Insul Lo-E w/ Inert Gas	0.27	0.27	0.47	Y
Casement	Std GIA/SDL	13/16"	Insul Bronze Lo-E	0.30	0.26	0.35	Y
Casement	Std GIA/SDL	13/16"	Insul Bronze Lo-E w/ Inert Gas	0.27	0.26	0.35	Y
Casement	Std GIA/SDL	13/16"	Insul Sun 140 Lo-E w/ Inert Gas	0.28	0.17	0.26	Y
Casement	Std GIA/SDL	13/16"	Zo-e-shield 5	0.30	0.19	0.42	Y
Casement	Std GIA/SDL	13/16"	Zo-e-shield 5 w/ Inert Gas	0.27	0.18	0.42	Y

**Terms and Conditions:**

Updated 011/09/09

Std GIA/SDL refers to 5/8" Grilles in the Airspace, 3/4" Grilles in the Airspace, and Simulated Divided Lite.

All units are tested in accordance to National Fenestration Rating Council (NFRC) procedures. U-Factors are derived from computer simulations using WINDOW 5.2 and THERM 5.2 programs. Simulations are then verified by testing in accordance with NFRC 100-04.

The performance of windows and doors may be affected by factors beyond Crestline's control, such as handling and installation, construction details of the building, exposure conditions, maintenance, normal wear and tear, migration of an inert gas from the insulated glass unit and the like.

Ratings (for example, R or U-factors, infiltration tests, etc.) are for comparison purposes only. While Crestline products are manufactured to meet or exceed published ratings, it is not possible to guarantee that they will meet or exceed those ratings after they have been installed, and this is specifically excluded from any warranty.

Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Emory Budzinski  
Senior Product Manager

Continued on the next page



## Performance Data & Information

Crestline Windows and Doors is a manufacturer of exterior windows and patio doors. This Manufacturer's Certification Statement can be relied upon by you, the taxpayer, for verification that the below mentioned products are eligible for the tax credits identified in the American Recovery and Reinvestment Act of 2009.

### Select 500 Vinyl Clad Products - SKU 4000203

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Awning	none	13/16"	Insul Lo-E w/ Inert Gas	0.27	0.30	0.52	Y
Awning	none	13/16"	Insul Bronze Lo-E w/ Inert Gas	0.27	0.29	0.38	Y
Awning	none	13/16"	Insul Sun 140 Lo-E w/ Inert Gas	0.28	0.18	0.29	Y
Awning	none	13/16"	Zo-e-shield 5	0.30	0.20	0.46	Y
Awning	none	13/16"	Zo-e-shield 5 w/ Inert Gas	0.27	0.20	0.46	Y
Awning	Std GIA/SDL	13/16"	Insul Lo-E w/ Inert Gas	0.27	0.27	0.47	Y
Awning	Std GIA/SDL	13/16"	Insul Bronze Lo-E w/ Inert Gas	0.27	0.26	0.35	Y
Awning	Std GIA/SDL	13/16"	Insul Sun 140 Lo-E w/ Inert Gas	0.28	0.17	0.26	Y
Awning	Std GIA/SDL	13/16"	Zo-e-shield 5	0.30	0.19	0.42	Y
Awning	Std GIA/SDL	13/16"	Zo-e-shield 5 w/ Inert Gas	0.27	0.18	0.42	Y
Casement Picture	none	13/16"	Insul Lo-E	0.30	0.30	0.52	Y
Casement Picture	none	13/16"	Insul Lo-E w/ Inert Gas	0.27	0.30	0.52	Y
Casement Picture	none	13/16"	Insul Bronze Lo-E	0.30	0.29	0.38	Y
Casement Picture	none	13/16"	Insul Bronze Lo-E w/ Inert Gas	0.27	0.29	0.38	Y
Casement Picture	none	13/16"	Insul Sun 140 Lo-E w/ Inert Gas	0.27	0.19	0.29	Y
Casement Picture	none	13/16"	Zo-e-shield 5	0.30	0.20	0.46	Y
Casement Picture	none	13/16"	Zo-e-shield 5 w/ Inert Gas	0.26	0.20	0.46	Y
Casement Picture	Std GIA/SDL	13/16"	Insul Lo-E	0.30	0.28	0.47	Y
Casement Picture	Std GIA/SDL	13/16"	Insul Lo-E w/ Inert Gas	0.27	0.27	0.47	Y
Casement Picture	Std GIA/SDL	13/16"	Insul Bronze Lo-E	0.30	0.26	0.35	Y
Casement Picture	Std GIA/SDL	13/16"	Insul Bronze Lo-E w/ Inert Gas	0.27	0.26	0.35	Y
Casement Picture	Std GIA/SDL	13/16"	Insul Sun 140 Lo-E w/ Inert Gas	0.27	0.17	0.26	Y
Casement Picture	Std GIA/SDL	13/16"	Zo-e-shield 5	0.30	0.19	0.42	Y
Casement Picture	Std GIA/SDL	13/16"	Zo-e-shield 5 w/ Inert Gas	0.26	0.18	0.42	Y
Sliding Patio Door	none	3/4"	Insul Sun 140 Lo-E w/ Inert Gas	0.30	0.28	0.35	Y
Sliding Patio Door	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.28	0.29	0.49	Y
Sliding Patio Door	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.28	0.28	0.37	Y
Sliding Patio Door	Std GIA/SDL	3/4"	Insul Sun 140 Lo-E w/ Inert Gas	0.30	0.24	0.31	Y

#### Terms and Conditions:

Updated 011/09/09

Std GIA/SDL refers to 5/8" Grilles in the Airspace, 3/4" Grilles in the Airspace, and Simulated Divided Lite.

All units are tested in accordance to National Fenestration Rating Counsel (NFRC) procedures. U-Factors are derived from computer simulations using WINDOW 5.2 and THERM 5.2 programs. Simulations are then verified by testing in accordance with NFRC 100-04.

The performance of windows and doors may be affected by factors beyond Crestline's control, such as handling and installation, construction details of the building, exposure conditions, maintenance, normal wear and tear, migration of an inert gas from the insulated glass unit and the like.

Ratings (for example, R or U-factors, infiltration tests, etc.) are for comparison purposes only. While Crestline products are manufactured to meet or exceed published ratings, it is not possible to guarantee that they will meet or exceed those ratings after they have been installed, and this is specifically excluded from any warranty.

Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Emory Budzinski  
Senior Product Manager

# CRESTLINE

WINDOWS AND PATIO DOORS



## Performance Data & Information

Crestline Windows and Doors is a manufacturer of exterior windows and patio doors. This Manufacturer's Certification Statement can be relied upon by you, the taxpayer, for verification that the below mentioned products are eligible for the tax credits identified in the American Recovery and Reinvestment Act of 2009.

### Select 300 Vinyl Products - SKU 4000209

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Single Hung	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.20	0.32	Y
Single Hung	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.28	0.22	0.51	Y
Single Hung	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.30	0.51	Y
Single Hung	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.29	0.38	Y
Single Hung	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.18	0.28	Y
Single Hung	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.28	0.20	0.46	Y
Double Hung	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.28	0.30	0.40	Y
Double Hung	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.28	0.20	0.30	Y
Double Hung	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.27	0.21	0.49	Y
Double Hung	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.28	0.29	0.48	Y
Double Hung	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.28	0.27	0.35	Y
Double Hung	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.28	0.18	0.27	Y
Double Hung	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.27	0.19	0.43	Y
Single Slider	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.20	0.32	Y
Single Slider	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.27	0.22	0.46	Y
Single Slider	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.30	0.51	Y
Single Slider	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.18	0.28	Y
Single Slider	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.29	0.38	Y
Single Slider	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.27	0.20	0.46	Y
Direct Set	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.26	0.22	0.34	Y
Direct Set	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.26	0.24	0.55	Y
Direct Set	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.28	0.18	0.27	Y
Direct Set	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.26	0.22	0.50	Y

Terms and Conditions:

Updated 011/09/09

Std GIA/SDL refers to 5/8" Grilles in the Airspace, 3/4" Grilles in the Airspace, and Simulated Divided Lite.

\*This unit requires a special product request specifying 3/4" glass.

All units are tested in accordance to National Fenestration Rating Counsel (NFRC) procedures. U-Factors are derived from computer simulations using WINDOW 5.2 and THERM 5.2 programs. Simulations are then verified by testing in accordance with NFRC 100-04. The performance of windows and doors may be affected by factors beyond Crestline's control, such as handling and installation, construction details of the building, exposure conditions, maintenance, normal wear and tear, migration of an inert gas from the insulated glass unit and the like. Ratings (for example, R or U-factor, infiltration tests, etc.) are for comparison purposes only. While Crestline products are manufactured to meet or exceed published ratings, it is not possible to guarantee that they will meet or exceed those ratings after they have been installed, and this is specifically excluded from any warranty. Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Emory Budzinski  
Senior Product Manager

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# CRESTLINE

WINDOWS AND PATIO DOORS



## Performance Data & Information

Crestline Windows and Doors is a manufacturer of exterior windows and patio doors. This Manufacturer's Certification Statement can be relied upon by you, the taxpayer, for verification that the below mentioned products are eligible for the tax credits identified in the American Recovery and Reinvestment Act of 2009.

### Select 300 Vinyl Products - SKU 4000209

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Casement	none	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.28	0.47	Y
Casement	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.27	0.35	Y
Casement	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.17	0.26	Y
Casement	none	3/4"	Zo-e-shield 5	0.29	0.19	0.43	Y
Casement	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.25	0.42	Y
Casement	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.24	0.32	Y
Casement	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.16	0.24	Y
Casement	Std GIA/SDL	3/4"	Zo-e-shield 5	0.29	0.17	0.38	Y
Casement Picture	none	1"	Zo-e-shield 5	0.29	0.22	0.48	Y
Casement Picture	none	1"	Zo-e-shield 5 w/ Inert Gas	0.26	0.21	0.48	Y
Casement Picture	Std GIA/SDL	1"	Zo-e-shield 5	0.29	0.20	0.43	Y
Casement Picture	Std GIA/SDL	1"	Zo-e-shield 5 w/ Inert Gas	0.26	0.19	0.43	Y
Awning	none	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.28	0.47	Y
Awning	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.27	0.35	Y
Awning	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.17	0.26	Y
Awning	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.28	0.19	0.42	Y
Awning	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.25	0.42	Y
Awning	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.16	0.24	Y
Awning	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.24	0.32	Y
Awning	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.28	0.17	0.38	Y
Sliding Patio Door	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.20	0.32	Y
Sliding Patio Door	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.29	0.22	0.51	Y
Sliding Patio Door	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.18	0.28	Y
Sliding Patio Door	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.29	0.19	0.45	Y

#### Terms and Conditions:

Updated 011/09/09

Std GIA/SDL refers to 5/8" Grilles in the Airspace, 3/4" Grilles in the Airspace, and Simulated Divided Lite.

\*This unit requires a special product request specifying 3/4" glass.

All units are tested in accordance to National Fenestration Rating Council (NFRC) procedures. U-Factors are derived from computer simulations using WINDOW 5.2 and THERM 5.2 programs. Simulations are then verified by testing in accordance with NFRC 100-04. The performance of windows and doors may be affected by factors beyond Crestline's control, such as handling and installation, construction details of the building, exposure conditions, maintenance, normal wear and tear, migration of an inert gas from the insulated glass unit and the like. Ratings (for example, R or U-factor, infiltration tests, etc.) are for comparison purposes only. While Crestline products are manufactured to meet or exceed published ratings, it is not possible to guarantee that they will meet or exceed those ratings after they have been installed, and this is specifically excluded from any warranty. Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Emory Budzinski  
Senior Product Manager

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# CRESTLINE

WINDOWS AND PATIO DOORS



## Performance Data & Information

Crestline Windows and Doors is a manufacturer of exterior windows and patio doors. This Manufacturer's Certification Statement can be relied upon by you, the taxpayer, for verification that the below mentioned products are eligible for the tax credits identified in the American Recovery and Reinvestment Act of 2009.

### Select 200 Vinyl Products - SKU 4000204

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Single Hung	none	5/8"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.21	0.33	Y
Single Hung	none	5/8"	Zo-e-shield 4 w/ Inert Gas	0.29	0.23	0.53	Y
Single Hung	Std GIA	5/8"	Zo-e-shield 4 w/ Inert Gas	0.30	0.21	0.48	Y
Single Slider	none	3/4"	Zo-e-shield 4 w/ Inert Gas	0.30	0.23	0.54	Y
Single Slider*	none	3/4"	Zo-e-shield 4 w/ Inert Gas	0.29	0.23	0.54	Y
Single Slider*	Std GIA	3/4"	Zo-e-shield 4 w/ Inert Gas	0.29	0.23	0.54	Y

### Select 100 Vinyl Products - SKU 4000205

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Double Hung	none	5/8"	Zo-e-shield 4 w/ Inert Gas	0.30	0.23	0.53	Y
Single Hung	none	5/8"	Zo-e-shield 4 w/ Inert Gas	0.30	0.24	0.55	Y
Single Slider	none	5/8"	Zo-e-shield 4 w/ Inert Gas	0.29	0.24	0.55	Y
DH - Picture	none	5/8" - 1/8" lites	Zo-e-shield 4 w/ Inert Gas	0.29	0.24	0.56	Y

#### Terms and Conditions:

Updated 011/09/09

Std GIA/SDL refers to 5/8" Grilles in the Airspace, 3/4" Grilles in the Airspace, and Simulated Divided Lite.

\*This unit requires a special product request specifying 3/4" glass.

All units are tested in accordance to National Fenestration Rating Counsel (NFRC) procedures. U-Factors are derived from computer simulations using WINDOW 5.2 and THERM 5.2 programs. Simulations are then verified by testing in accordance with NFRC 100-04. The performance of windows and doors may be affected by factors beyond Crestline's control, such as handling and installation, construction details of the building, exposure conditions, maintenance, normal wear and tear, migration of an inert gas from the insulated glass unit and the like. Ratings (for example, R or U-factor, infiltration tests, etc.) are for comparison purposes only. While Crestline products are manufactured to meet or exceed published ratings, it is not possible to guarantee that they will meet or exceed those ratings after they have been installed, and this is specifically excluded from any warranty. Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Emory Budzinski  
Senior Product Manager

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# CRESTLINE

WINDOWS AND PATIO DOORS



## Performance Data & Information

Crestline Windows and Doors is a manufacturer of exterior windows and patio doors. This Manufacturer's Certification Statement can be relied upon by you, the taxpayer, for verification that the below mentioned products are eligible for the tax credits identified in the American Recovery and Reinvestment Act of 2009.

### Select 300 Vinyl Replacement Products - SKU 4000206

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Single Hung	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.20	0.32	Y
Single Hung	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.28	0.22	0.51	Y
Single Hung	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.30	0.51	Y
Single Hung	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.29	0.38	Y
Single Hung	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.18	0.28	Y
Single Hung	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.28	0.20	0.46	Y
Double Hung	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.28	0.30	0.40	Y
Double Hung	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.28	0.20	0.30	Y
Double Hung	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.27	0.21	0.49	Y
Double Hung	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.28	0.29	0.48	Y
Double Hung	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.28	0.27	0.35	Y
Double Hung	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.28	0.18	0.27	Y
Double Hung	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.27	0.19	0.43	Y
Single Slider	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.20	0.32	Y
Single Slider	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.27	0.22	0.46	Y
Single Slider	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.30	0.51	Y
Single Slider	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.29	0.18	0.28	Y
Single Slider	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.29	0.38	Y
Single Slider	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.27	0.20	0.46	Y
Direct Set	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.26	0.22	0.34	Y
Direct Set	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.26	0.24	0.55	Y
Direct Set	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.28	0.18	0.27	Y
Direct Set	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.26	0.22	0.50	Y

Terms and Conditions:

Updated 011/09/09

Std GIA/SDL refers to 5/8" Grilles in the Airspace, 3/4" Grilles in the Airspace, and Simulated Divided Lite.

\*This unit requires a special product request specifying 3/4" glass.

All units are tested in accordance to National Fenestration Rating Counsel (NFRC) procedures. U-Factors are derived from computer simulations using WINDOW 5.2 and THERM 5.2 programs. Simulations are then verified by testing in accordance with NFRC 100-04. The performance of windows and doors may be affected by factors beyond Crestline's control, such as handling and installation, construction details of the building, exposure conditions, maintenance, normal wear and tear, migration of an inert gas from the insulated glass unit and the like. Ratings (for example, R or U-factor, infiltration tests, etc.) are for comparison purposes only. While Crestline products are manufactured to meet or exceed published ratings, it is not possible to guarantee that they will meet or exceed those ratings after they have been installed, and this is specifically excluded from any warranty. Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Emory Budzinski  
Senior Product Manager

Continued on the next page

# CRESTLINE

## WINDOWS AND PATIO DOORS



### Performance Data & Information

Crestline Windows and Doors is a manufacturer of exterior windows and patio doors. This Manufacturer's Certification Statement can be relied upon by you, the taxpayer, for verification that the below mentioned products are eligible for the tax credits identified in the American Recovery and Reinvestment Act of 2009.

### Select 300 Vinyl Replacement Products - SKU 4000206

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Casement	none	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.28	0.47	Y
Casement	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.27	0.35	Y
Casement	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.17	0.26	Y
Casement	none	3/4"	Zo-e-shield 5	0.29	0.19	0.43	Y
Casement	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.25	0.42	Y
Casement	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.24	0.32	Y
Casement	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.16	0.24	Y
Casement	Std GIA/SDL	3/4"	Zo-e-shield 5	0.29	0.17	0.38	Y
Casement Picture	none	1"	Zo-e-shield 5	0.29	0.22	0.48	Y
Casement Picture	none	1"	Zo-e-shield 5 w/ Inert Gas	0.26	0.21	0.48	Y
Casement Picture	Std GIA/SDL	1"	Zo-e-shield 5	0.29	0.20	0.43	Y
Casement Picture	Std GIA/SDL	1"	Zo-e-shield 5 w/ Inert Gas	0.26	0.19	0.43	Y
Awning	none	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.28	0.47	Y
Awning	none	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.27	0.35	Y
Awning	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.17	0.26	Y
Awning	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.28	0.19	0.42	Y
Awning	Std GIA/SDL	3/4"	Insul Lo-E w/ Inert Gas	0.29	0.25	0.42	Y
Awning	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.16	0.24	Y
Awning	Std GIA/SDL	3/4"	Insul Bronze Lo-E w/ Inert Gas	0.29	0.24	0.32	Y
Awning	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.28	0.17	0.38	Y
Sliding Patio Door	none	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.20	0.32	Y
Sliding Patio Door	none	3/4"	Zo-e-shield 5 w/ Inert Gas	0.29	0.22	0.51	Y
Sliding Patio Door	Std GIA/SDL	3/4"	Insul Sun 240 Lo-E w/ Inert Gas	0.30	0.18	0.28	Y
Sliding Patio Door	Std GIA/SDL	3/4"	Zo-e-shield 5 w/ Inert Gas	0.29	0.19	0.45	Y

Terms and Conditions:

Updated 011/09/09

Std GIA/SDL refers to 5/8" Grilles in the Airspace, 3/4" Grilles in the Airspace, and Simulated Divided Lite.

\*This unit requires a special product request specifying 3/4" glass.

All units are tested in accordance to National Fenestration Rating Counsel (NFRC) procedures. U-Factors are derived from computer simulations using WINDOW 5.2 and THERM 5.2 programs. Simulations are then verified by testing in accordance with NFRC 100-04. The performance of windows and doors may be affected by factors beyond Crestline's control, such as handling and installation, construction details of the building, exposure conditions, maintenance, normal wear and tear, migration of an inert gas from the insulated glass unit and the like. Ratings (for example, R or U-factor, infiltration tests, etc.) are for comparison purposes only. While Crestline products are manufactured to meet or exceed published ratings, it is not possible to guarantee that they will meet or exceed those ratings after they have been installed, and this is specifically excluded from any warranty. Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Emory Budzinski  
Senior Product Manager

Continued on the next page

# CRESTLINE

WINDOWS AND PATIO DOORS



## Performance Data & Information

Crestline Windows and Doors is a manufacturer of exterior windows and patio doors. This Manufacturer's Certification Statement can be relied upon by you, the taxpayer, for verification that the below mentioned products are eligible for the tax credits identified in the American Recovery and Reinvestment Act of 2009.

### Select 100 Vinyl Replacement Products - SKU 4000205

Product Line	Grills	Glazing Thickness	Glazing Option	U-Value	SHGC	VT	Tax Credit
Double Hung	none	5/8"	Zo-e-shield 4 w/ Inert Gas	0.30	0.23	0.53	Y
Single Hung	none	5/8"	Zo-e-shield 4 w/ Inert Gas	0.30	0.24	0.55	Y
Single Slider	none	5/8"	Zo-e-shield 4 w/ Inert Gas	0.29	0.24	0.55	Y
DH - Picture	none	5/8" - 1/8" lites	Zo-e-shield 4 w/ Inert Gas	0.29	0.24	0.56	Y

#### Terms and Conditions:

Updated 011/09/09

Std GIA/SDL refers to 5/8" Grilles in the Airspace, 3/4" Grilles in the Airspace, and Simulated Divided Lite.

\*This unit requires a special product request specifying 3/4" glass.

All units are tested in accordance to National Fenestration Rating Counsel (NFRC) procedures. U-Factors are derived from computer simulations using WINDOW 5.2 and THERM 5.2 programs. Simulations are then verified by testing in accordance with NFRC 100-04. The performance of windows and doors may be affected by factors beyond Crestline's control, such as handling and installation, construction details of the building, exposure conditions, maintenance, normal wear and tear, migration of an inert gas from the insulated glass unit and the like. Ratings (for example, R or U-factor, infiltration tests, etc.) are for comparison purposes only. While Crestline products are manufactured to meet or exceed published ratings, it is not possible to guarantee that they will meet or exceed those ratings after they have been installed, and this is specifically excluded from any warranty. Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Emory Budzinski  
Senior Product Manager