

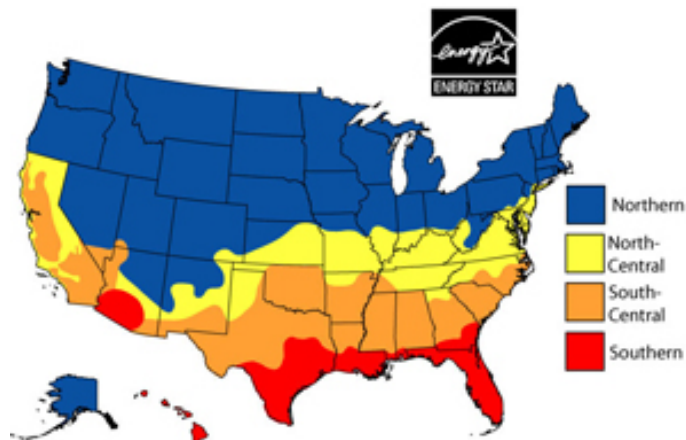


## NEW CONSTRUCTION WINDOWS THERMAL PERFORMANCE

### SERIES 800 FIXED HEAVY PICTURE WINDOW

PRODUCT SERIES	GLAZING TYPE	U-FACTOR	SHGC	VLT	ENERGY STAR QUALIFICATION
Series 800 Fixed Heavy Picture Window	Clear I.G.	0.54	0.69	0.73	-
	PPG SB 60 Low-E I.G.	0.39	0.35	0.64	-
	PPG SB 70XL Low-E I.G.	0.38	0.25	0.57	S
	Cardinal 270 Low-E I.G.	0.38	0.33	0.62	-
	Cardinal 366 Low-E I.G.	0.37	0.25	0.58	S
	Clear I.G. w/ Argon Gas	0.51	0.69	0.73	-
	PPG SB 60 Low-E I.G. / w/ Argon Gas	0.35	0.34	0.64	-
	PPG SB 70XL Low-E I.G. w/ Argon Gas	0.34	0.24	0.57	S, SC
	Cardinal 270 Low-E I.G. w/ Argon Gas	0.34	0.33	0.62	-
	<b>Cardinal 366 Low-E I.G. w/ Argon Gas</b>	<b>0.33</b>	<b>0.24</b>	<b>0.58</b>	<b>S, SC</b>
	Clear I.G. w/ Muntins	0.54	0.63	0.66	-
	PPG SB 60 Low-E I.G. / w/ Muntins	0.39	0.31	0.58	-
	PPG SB 70XL Low-E I.G. w/ Muntins	0.38	0.22	0.51	S
	Cardinal 270 Low-E I.G. w/ Muntins	0.38	0.30	0.56	-
	Cardinal 366 Low-E I.G. w/ Muntins	0.37	0.22	0.52	S
	Clear I.G. w/ Argon Gas & Muntins	0.51	0.63	0.66	-
	PPG SB 60 Low-E I.G. w/ Argon Gas & Muntins	0.35	0.31	0.58	-
	PPG SB 70XL Low-E I.G. w/ Argon Gas & Muntins	0.34	0.22	0.51	S, SC
	Cardinal 270 Low-E I.G. w/ Argon Gas & Muntins	0.34	0.30	0.56	SC
	<b>Cardinal 366 Low-E I.G. w/ Argon Gas &amp; Muntins</b>	<b>0.33</b>	<b>0.22</b>	<b>0.52</b>	<b>S, SC</b>

**Test Methods:** NFRC 100-2004 for U-Factor, NFRC 200-2004 for SHGC and Visible Light Transmittance



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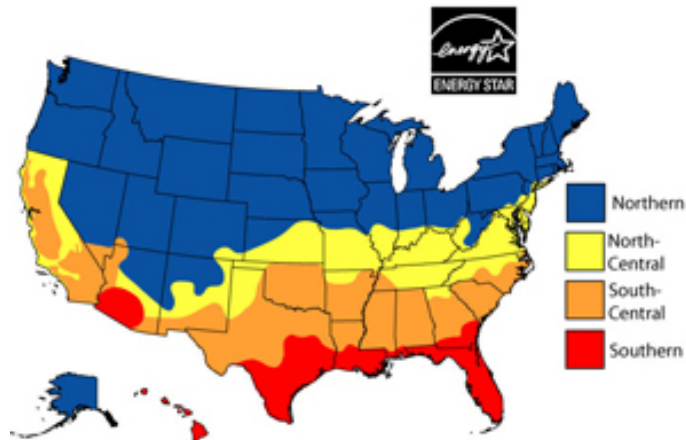


**NEW CONSTRUCTION WINDOWS  
THERMAL PERFORMANCE**

**SERIES 840  
FIXED HEAVY PICTURE WINDOW  
(INSIDE GLAZED)**

PRODUCT SERIES	GLAZING TYPE	U-FACTOR	SHGC	VLT	ENERGY STAR QUALIFICATION
Series 840 Fixed Heavy Picture Window (Inside Glazed)	Clear I.G.	0.55	0.70	0.73	-
	PPG SB 60 Low-E I.G.	0.41	0.35	0.64	-
	PPG SB 70XL Low-E I.G.	0.40	0.25	0.57	S
	Cardinal 270 Low-E I.G.	0.39	0.33	0.62	-
	Cardinal 366 Low-E I.G.	0.39	0.25	0.58	S
	Clear I.G. w/ Argon Gas	0.53	0.70	0.73	-
	PPG SB 60 Low-E I.G. / w/ Argon Gas	0.37	0.35	0.64	-
	PPG SB 70XL Low-E I.G. w/ Argon Gas	0.36	0.25	0.57	S
	Cardinal 270 Low-E I.G. w/ Argon Gas	0.35	0.33	0.62	-
	<b>Cardinal 366 Low-E I.G. w/ Argon Gas</b>	<b>0.35</b>	<b>0.25</b>	<b>0.58</b>	<b>S, SC</b>
	Clear I.G. w/ Muntins	0.55	0.70	0.73	-
	PPG SB 60 Low-E I.G. / w/ Muntins	0.41	0.32	0.58	-
	PPG SB 70XL Low-E I.G. w/ Muntins	0.40	0.23	0.51	S
	Cardinal 270 Low-E I.G. w/ Muntins	0.39	0.30	0.56	-
	Cardinal 366 Low-E I.G. w/ Muntins	0.39	0.23	0.52	S
	Clear I.G. w/ Argon Gas & Muntins	0.53	0.70	0.73	-
	PPG SB 60 Low-E I.G. w/ Argon Gas & Muntins	0.37	0.32	0.58	-
	PPG SB 70XL Low-E I.G. w/ Argon Gas & Muntins	0.36	0.23	0.51	S
	Cardinal 270 Low-E I.G. w/ Argon Gas & Muntins	0.35	0.30	0.56	SC
	<b>Cardinal 366 Low-E I.G. w/ Argon Gas &amp; Muntins</b>	<b>0.35</b>	<b>0.23</b>	<b>0.52</b>	<b>S, SC</b>

**Test Methods:** NFRC 100-2004 for U-Factor, NFRC 200-2004 for SHGC and Visible Light Transmittance



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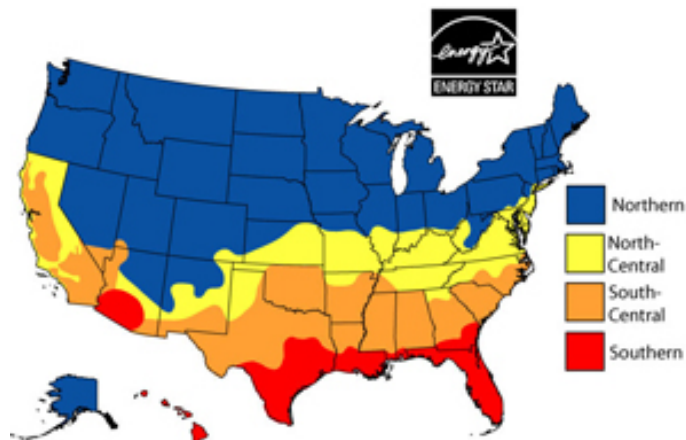


## NEW CONSTRUCTION WINDOWS THERMAL PERFORMANCE

### SERIES 900 CASEMENT WINDOW

PRODUCT SERIES	GLAZING TYPE	U-FACTOR	SHGC	VLT	ENERGY STAR QUALIFICATION
Series 900 Casement Window	Clear I.G.	0.61	0.56	0.58	-
	PPG SB 60 Low-E I.G.	0.50	0.28	0.50	-
	PPG SB 70XL Low-E I.G.	0.49	0.20	0.45	-
	Cardinal 270 Low-E I.G.	0.49	0.27	0.49	S
	Cardinal 366 Low-E I.G.	0.48	0.20	0.45	S
	Clear I.G. w/ Argon Gas	0.59	0.56	0.58	-
	PPG SB 60 Low-E I.G. / w/ Argon Gas	0.47	0.28	0.50	-
	PPG SB 70XL Low-E I.G. w/ Argon Gas	0.46	0.20	0.45	S
	Cardinal 270 Low-E I.G. w/ Argon Gas	0.46	0.27	0.49	S
	<b>Cardinal 366 Low-E I.G. w/ Argon Gas</b>	<b>0.45</b>	<b>0.20</b>	<b>0.45</b>	<b>S</b>
	Clear I.G. w/ Muntins	0.61	0.51	0.52	-
	PPG SB 60 Low-E I.G. / w/ Muntins	0.50	0.26	0.46	S
	PPG SB 70XL Low-E I.G. w/ Muntins	0.49	0.19	0.41	S
	Cardinal 270 Low-E I.G. w/ Muntins	0.49	0.25	0.44	S
	Cardinal 366 Low-E I.G. w/ Muntins	0.48	0.19	0.41	S
	Clear I.G. w/ Argon Gas & Muntins	0.59	0.51	0.52	-
	PPG SB 60 Low-E I.G. w/ Argon Gas & Muntins	0.47	0.26	0.46	S
	PPG SB 70XL Low-E I.G. w/ Argon Gas & Muntins	0.46	0.19	0.41	S
	Cardinal 270 Low-E I.G. w/ Argon Gas & Muntins	0.46	0.25	0.44	S
	<b>Cardinal 366 Low-E I.G. w/ Argon Gas &amp; Muntins</b>	<b>0.45</b>	<b>0.19</b>	<b>0.41</b>	<b>S</b>

**Test Methods:** NFRC 100-2004 for U-Factor, NFRC 200-2004 for SHGC and Visible Light Transmittance



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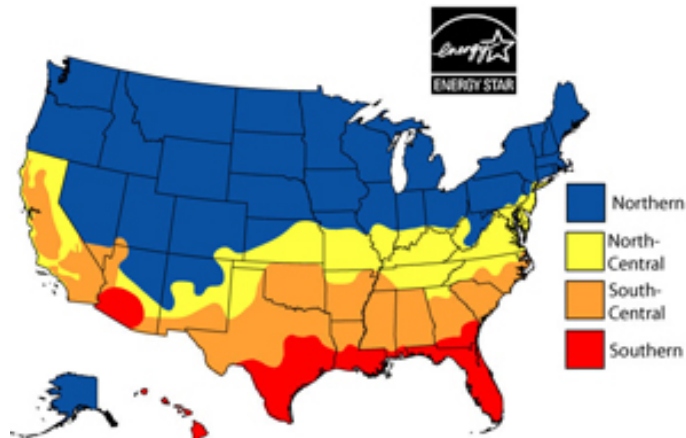


# NEW CONSTRUCTION WINDOWS THERMAL PERFORMANCE

## SERIES 990 AWNING WINDOW

PRODUCT SERIES	GLAZING TYPE	U-FACTOR	SHGC	VLT	ENERGY STAR QUALIFICATION
Series 990 Awning Window	Clear I.G.	0.62	0.56	0.58	-
	PPG SB 60 Low-E I.G.	0.50	0.28	0.45	-
	PPG SB 70XL Low-E I.G.	0.50	0.20	0.45	S
	Cardinal 270 Low-E I.G.	0.49	0.27	0.49	S
	Cardinal 366 Low-E I.G.	0.49	0.20	0.45	S
	Clear I.G. w/ Argon Gas	0.61	0.56	0.58	-
	PPG SB 60 Low-E I.G. / w/ Argon Gas	0.47	0.28	0.50	S
	PPG SB 70XL Low-E I.G. w/ Argon Gas	0.47	0.20	0.45	S
	Cardinal 270 Low-E I.G. w/ Argon Gas	0.46	0.27	0.49	S
	<b>Cardinal 366 Low-E I.G. w/ Argon Gas</b>	<b>0.46</b>	<b>0.20</b>	<b>0.45</b>	<b>S</b>
	Clear I.G. w/ Muntins	0.62	0.51	0.58	-
	PPG SB 60 Low-E I.G. / w/ Muntins	0.50	0.26	0.46	S
	PPG SB 70XL Low-E I.G. w/ Muntins	0.50	0.19	0.41	S
	Cardinal 270 Low-E I.G. w/ Muntins	0.49	0.25	0.44	S
	Cardinal 366 Low-E I.G. w/ Muntins	0.49	0.19	0.41	S
	Clear I.G. w/ Argon Gas & Muntins	0.61	0.51	0.52	-
	PPG SB 60 Low-E I.G. w/ Argon Gas & Muntins	0.47	0.26	0.46	S
	PPG SB 70XL Low-E I.G. w/ Argon Gas & Muntins	0.47	0.19	0.41	S
	Cardinal 270 Low-E I.G. w/ Argon Gas & Muntins	0.46	0.25	0.44	S
	<b>Cardinal 366 Low-E I.G. w/ Argon Gas &amp; Muntins</b>	<b>0.46</b>	<b>0.19</b>	<b>0.41</b>	<b>S</b>

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