



WoodClad™/Ultra™ Series Thermal Data

Dual Glaze - East of Rockies

Product Description	Glass Thickness		Low-E Glass		Inert Gas		Spacer		Grids Between Glass			SDL Grids		Stimulus	U-Factor	SHGC	VLT
	SS	DS	SunCoat®	SunCoatMAX®	Air	Argon	EdgeGard™	EdgeGardMAX™	No Grids	Flat Grids	Sculptured Grids	Narrow SDL	Wide SDL				
	glass size 25 sq/ft and smaller	obscure, tempered, and glass size larger than 25 sq/ft										with narrow shadow bar	with wide shadow bar				
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider	■			■	■			■	■						.34	.22	.51
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider	■			■	■			■		■					.34	.20	.46
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider	■			■	■			■			■				.34	.18	.41
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider	■			■		■		■						■	.30	.22	.51
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider	■			■		■		■			■				.30	.20	.46
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider	■			■		■		■				■			.30	.18	.41
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider		■		■	■			■							.34	.22	.51
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider		■		■	■			■			■				.34	.20	.45
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider		■		■	■			■				■			.34	.18	.40
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider		■		■	■			■		■				■	.30	.22	.51
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider		■		■	■			■			■				.30	.20	.45
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider		■		■	■			■				■		■	.30	.18	.40
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider	■		■		■			■		■					.34	.29	.55
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider	■		■		■			■			■				.34	.27	.49
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider	■		■		■			■				■			.34	.24	.44
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider	■		■		■			■		■					.31	.29	.55
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider	■		■		■			■			■				.31	.26	.49
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider	■		■		■			■				■			.31	.24	.44
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider		■		■	■			■		■					.34	.29	.55
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider		■		■	■			■			■				.34	.27	.49
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider		■		■	■			■				■			.34	.24	.43
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider		■		■	■			■		■					.31	.29	.55
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider		■		■	■			■			■				.31	.26	.49
Product Series 3110, WoodClad™, Ultra™ Horizontal Slider		■		■	■			■				■			.31	.24	.43
Product Series 3210, WoodClad™, Ultra™ Single Hung	■			■	■			■		■					.34	.22	.51
Product Series 3210, WoodClad™, Ultra™ Single Hung	■			■	■			■			■				.34	.20	.46
Product Series 3210, WoodClad™, Ultra™ Single Hung	■			■	■			■				■			.34	.18	.41
Product Series 3210, WoodClad™, Ultra™ Single Hung	■			■		■		■		■				■	.30	.22	.51
Product Series 3210, WoodClad™, Ultra™ Single Hung	■			■		■		■			■			■	.30	.20	.46
Product Series 3210, WoodClad™, Ultra™ Single Hung	■			■		■		■				■		■	.30	.18	.41
Product Series 3210, WoodClad™, Ultra™ Single Hung		■		■	■			■		■					.33	.22	.51
Product Series 3210, WoodClad™, Ultra™ Single Hung		■		■	■			■			■				.33	.20	.45
Product Series 3210, WoodClad™, Ultra™ Single Hung		■		■	■			■				■			.33	.18	.40
Product Series 3210, WoodClad™, Ultra™ Single Hung		■		■	■			■		■				■	.30	.22	.51
Product Series 3210, WoodClad™, Ultra™ Single Hung		■		■	■			■			■			■	.30	.20	.45
Product Series 3210, WoodClad™, Ultra™ Single Hung		■		■	■			■				■		■	.30	.18	.40
Product Series 3210, WoodClad™, Ultra™ Single Hung	■			■	■			■		■					.34	.29	.55
Product Series 3210, WoodClad™, Ultra™ Single Hung	■			■	■			■			■				.34	.27	.49

In some cases, glass substitutions may be made by the Milgard manufacturing facility which could impact the SHGC slightly.

Products which are shipped to or over altitudes higher than the elevation of manufacture may require capillary tubes to relieve pressure in the insulated glass units.

Applicable for Iowa, Illinois, Indiana, Maryland, Michigan, Minnesota, Ohio, Virginia and Wisconsin

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WoodClad™/Ultra™ Series Thermal Data Dual Glaze - East of Rockies

Product Description	Glass Thickness		Low-E Glass		Inert Gas		Spacer		Grids Between Glass			SDL Grids		Stimulus	U-Factor	SHGC	VLT
	SS	DS	SunCoat®	SunCoatMAX®	Air	Argon	EdgeGard™	EdgeGardMAX™	No Grids	Flat Grids	Sculptured Grids	Narrow SDL	Wide SDL				
	glass size 25 sq/ft and smaller	obscure, tempered, and glass size larger than 25 sq/ft										with narrow shadow bar	with wide shadow bar				
Product Series 3210, WoodClad™, Ultra™ Single Hung	■		■		■		■				■			.34	.24	.44	
Product Series 3210, WoodClad™, Ultra™ Single Hung	■		■			■		■	■					.31	.29	.55	
Product Series 3210, WoodClad™, Ultra™ Single Hung	■		■			■		■		■				.31	.26	.49	
Product Series 3210, WoodClad™, Ultra™ Single Hung	■		■			■		■			■			.34	.24	.44	
Product Series 3210, WoodClad™, Ultra™ Single Hung		■	■		■		■		■					.34	.29	.55	
Product Series 3210, WoodClad™, Ultra™ Single Hung		■	■		■		■			■				.34	.27	.49	
Product Series 3210, WoodClad™, Ultra™ Single Hung		■	■		■		■		■					.34	.24	.43	
Product Series 3210, WoodClad™, Ultra™ Single Hung		■	■		■		■		■				■	.30	.29	.55	
Product Series 3210, WoodClad™, Ultra™ Single Hung		■	■		■		■			■				.30	.26	.49	
Product Series 3210, WoodClad™, Ultra™ Single Hung		■	■		■		■		■				■	.30	.24	.43	
Product Series 3275, WoodClad™, Ultra™ Double Hung	■		■		■		■		■					.35	.20	.45	
Product Series 3275, WoodClad™, Ultra™ Double Hung	■		■		■		■			■				.35	.18	.40	
Product Series 3275, WoodClad™, Ultra™ Double Hung	■		■		■		■				■			.35	.16	.35	
Product Series 3275, WoodClad™, Ultra™ Double Hung	■		■		■		■		■					.32	.19	.45	
Product Series 3275, WoodClad™, Ultra™ Double Hung	■		■		■		■			■				.32	.17	.40	
Product Series 3275, WoodClad™, Ultra™ Double Hung	■		■		■		■				■			.32	.16	.35	
Product Series 3275, WoodClad™, Ultra™ Double Hung		■	■		■		■		■					.35	.20	.45	
Product Series 3275, WoodClad™, Ultra™ Double Hung		■	■		■		■			■				.35	.18	.40	
Product Series 3275, WoodClad™, Ultra™ Double Hung		■	■		■		■		■					.35	.16	.35	
Product Series 3275, WoodClad™, Ultra™ Double Hung		■	■		■		■			■				.32	.19	.45	
Product Series 3275, WoodClad™, Ultra™ Double Hung		■	■		■		■		■					.32	.17	.40	
Product Series 3275, WoodClad™, Ultra™ Double Hung		■	■		■		■			■				.32	.16	.35	
Product Series 3275, WoodClad™, Ultra™ Double Hung	■		■		■		■		■					.36	.26	.49	
Product Series 3275, WoodClad™, Ultra™ Double Hung	■		■		■		■			■				.36	.23	.43	
Product Series 3275, WoodClad™, Ultra™ Double Hung	■		■		■		■		■					.36	.21	.38	
Product Series 3275, WoodClad™, Ultra™ Double Hung	■		■		■		■			■				.32	.26	.49	
Product Series 3275, WoodClad™, Ultra™ Double Hung	■		■		■		■				■			.32	.23	.43	
Product Series 3275, WoodClad™, Ultra™ Double Hung	■		■		■		■		■					.32	.21	.38	
Product Series 3275, WoodClad™, Ultra™ Double Hung	■		■		■		■			■				.32	.23	.43	
Product Series 3275, WoodClad™, Ultra™ Double Hung	■		■		■		■				■			.32	.21	.38	
Product Series 3285, WoodClad™, Ultra™ Double Hung Retro	■		■		■		■		■					.36	.55	.57	
Product Series 3285, WoodClad™, Ultra™ Double Hung Retro	■		■		■		■			■				.36	.49	.51	
Product Series 3285, WoodClad™, Ultra™ Double Hung Retro	■		■		■		■				■			.36	.43	.45	
Product Series 3285, WoodClad™, Ultra™ Double Hung Retro	■		■		■		■		■					.32	.55	.57	
Product Series 3285, WoodClad™, Ultra™ Double Hung Retro	■		■		■		■			■				.32	.49	.51	

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Applicable for Iowa, Illinois, Indiana, Maryland, Michigan, Minnesota, Ohio, Virginia and Wisconsin

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WoodClad™/Ultra™ Series Thermal Data

Dual Glaze - East of Rockies

Product Description	Glass Thickness		Low-E Glass		Inert Gas		Spacer		Grids Between Glass			SDL Grids		Stimulus	U-Factor	SHGC	VLT
	SS	DS	SunCoat®	SunCoatMAX®	Air	Argon	EdgeGard™	EdgeGardMAX™	No Grids	Flat Grids	Sculptured Grids	Narrow SDL	Wide SDL				
	glass size 25 sq/ft and smaller	obscure, tempered, and glass size larger than 25 sq/ft										with narrow shadow bar	with wide shadow bar				
Product Series 3310, WoodClad™, Ultra™ Picture Window														.32	.25	.46	
Product Series 3310, WoodClad™, Ultra™ Picture Window														.29	.30	.58	
Product Series 3310, WoodClad™, Ultra™ Picture Window														.29	.28	.52	
Product Series 3310, WoodClad™, Ultra™ Picture Window														.29	.25	.46	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.33	.23	.54	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.33	.21	.48	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.33	.19	.43	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.29	.23	.54	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.29	.21	.48	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.29	.19	.43	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.33	.23	.53	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.33	.21	.47	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.33	.19	.42	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.29	.23	.53	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.29	.21	.47	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.29	.19	.42	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.33	.31	.58	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.33	.28	.52	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.33	.25	.46	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.30	.31	.58	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.30	.28	.52	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.30	.25	.46	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.33	.31	.57	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.33	.28	.51	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.33	.25	.46	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.29	.30	.57	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.29	.28	.51	
Product Series 3315, WoodClad™, Ultra™ Picture Window														.29	.25	.46	
Product Series 3371, WoodClad™, Ultra™ Picture Window														.32	.23	.54	
Product Series 3371, WoodClad™, Ultra™ Picture Window														.32	.21	.48	
Product Series 3371, WoodClad™, Ultra™ Picture Window														.32	.19	.43	
Product Series 3371, WoodClad™, Ultra™ Picture Window														.28	.23	.54	
Product Series 3371, WoodClad™, Ultra™ Picture Window														.28	.21	.48	
Product Series 3371, WoodClad™, Ultra™ Picture Window														.28	.19	.43	
Product Series 3371, WoodClad™, Ultra™ Picture Window														.31	.23	.53	
Product Series 3371, WoodClad™, Ultra™ Picture Window														.31	.21	.48	
Product Series 3371, WoodClad™, Ultra™ Picture Window														.31	.19	.43	
Product Series 3371, WoodClad™, Ultra™ Picture Window														.28	.23	.53	
Product Series 3371, WoodClad™, Ultra™ Picture Window														.28	.21	.48	

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WoodClad™/Ultra™ Series Thermal Data Dual Glaze - East of Rockies

Product Description	Glass Thickness		Low-E Glass		Inert Gas		Spacer		Grids Between Glass			SDL Grids		Stimulus	U-Factor	SHGC	VLT
	SS	DS	SunCoat®	SunCoatMAX®	Air	Argon	EdgeGard™	EdgeGardMAX™	No Grids	Flat Grids	Sculptured Grids	Narrow SDL	Wide SDL				
	glass size 25 sq/ft and smaller	obscure, tempered, and glass size larger than 25 sq/ft										with narrow shadow bar	with wide shadow bar				
Product Series 3371, WoodClad™, Ultra™ Picture Window		■		■		■		■			■			■	.28	.19	.43
Product Series 3371, WoodClad™, Ultra™ Picture Window	■		■		■		■		■					■	.32	.31	.58
Product Series 3371, WoodClad™, Ultra™ Picture Window	■		■		■		■		■					■	.32	.28	.52
Product Series 3371, WoodClad™, Ultra™ Picture Window	■		■		■		■		■					■	.32	.25	.47
Product Series 3371, WoodClad™, Ultra™ Picture Window	■		■		■		■		■					■	.28	.31	.58
Product Series 3371, WoodClad™, Ultra™ Picture Window	■		■		■		■		■					■	.28	.28	.52
Product Series 3371, WoodClad™, Ultra™ Picture Window	■		■		■		■		■					■	.28	.25	.47
Product Series 3371, WoodClad™, Ultra™ Picture Window		■	■		■		■		■					■	.32	.31	.58
Product Series 3371, WoodClad™, Ultra™ Picture Window		■	■		■		■		■					■	.32	.28	.52
Product Series 3371, WoodClad™, Ultra™ Picture Window		■	■		■		■		■					■	.32	.25	.46
Product Series 3371, WoodClad™, Ultra™ Picture Window		■	■		■		■		■					■	.28	.31	.58
Product Series 3371, WoodClad™, Ultra™ Picture Window		■	■		■		■		■					■	.28	.28	.52
Product Series 3371, WoodClad™, Ultra™ Picture Window		■	■		■		■		■					■	.28	.25	.46
Product Series 3410, WoodClad™, Ultra™ Awning	■		■		■		■		■					■	.34	.21	.48
Product Series 3410, WoodClad™, Ultra™ Awning	■		■		■		■		■					■	.34	.19	.43
Product Series 3410, WoodClad™, Ultra™ Awning	■		■		■		■		■					■	.34	.18	.39
Product Series 3410, WoodClad™, Ultra™ Awning	■		■		■		■		■					■	.31	.21	.48
Product Series 3410, WoodClad™, Ultra™ Awning	■		■		■		■		■					■	.31	.19	.43
Product Series 3410, WoodClad™, Ultra™ Awning	■		■		■		■		■					■	.31	.17	.39
Product Series 3410, WoodClad™, Ultra™ Awning		■	■		■		■		■					■	.34	.21	.47
Product Series 3410, WoodClad™, Ultra™ Awning		■	■		■		■		■					■	.34	.19	.43
Product Series 3410, WoodClad™, Ultra™ Awning		■	■		■		■		■					■	.34	.18	.39
Product Series 3410, WoodClad™, Ultra™ Awning		■	■		■		■		■					■	.31	.21	.47
Product Series 3410, WoodClad™, Ultra™ Awning		■	■		■		■		■					■	.31	.19	.43
Product Series 3410, WoodClad™, Ultra™ Awning		■	■		■		■		■					■	.31	.17	.39
Product Series 3410, WoodClad™, Ultra™ Awning	■		■		■		■		■					■	.35	.28	.52
Product Series 3410, WoodClad™, Ultra™ Awning	■		■		■		■		■					■	.35	.25	.47
Product Series 3410, WoodClad™, Ultra™ Awning	■		■		■		■		■					■	.35	.23	.42
Product Series 3410, WoodClad™, Ultra™ Awning	■		■		■		■		■					■	.32	.28	.52
Product Series 3410, WoodClad™, Ultra™ Awning	■		■		■		■		■					■	.32	.25	.47
Product Series 3410, WoodClad™, Ultra™ Awning	■		■		■		■		■					■	.32	.23	.42
Product Series 3410, WoodClad™, Ultra™ Awning		■	■		■		■		■					■	.35	.28	.51
Product Series 3410, WoodClad™, Ultra™ Awning		■	■		■		■		■					■	.35	.25	.46
Product Series 3410, WoodClad™, Ultra™ Awning		■	■		■		■		■					■	.35	.23	.42
Product Series 3410, WoodClad™, Ultra™ Awning		■	■		■		■		■					■	.31	.27	.51
Product Series 3410, WoodClad™, Ultra™ Awning		■	■		■		■		■					■	.31	.25	.46
Product Series 3410, WoodClad™, Ultra™ Awning		■	■		■		■		■					■	.31	.23	.42
Product Series 3510, WoodClad™, Ultra™ Casement	■		■		■		■		■					■	.34	.21	.48
Product Series 3510, WoodClad™, Ultra™ Casement	■		■		■		■		■					■	.34	.19	.43

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	SS	DS	SunCoat®	SunCoatMAX®	Air	Argon	EdgeGard™	EdgeGardMAX™	No Grids	Flat Grids	Sculptured Grids	Narrow SDL	Wide SDL				
	glass size 25 sq/ft and smaller	obscure, tempered, and glass size larger than 25 sq/ft										with narrow shadow bar	with wide shadow bar				
Product Series 3510, WoodClad™, Ultra™ Casement	■			■	■		■				■				.34	.18	.39
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.30	.21	.48
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■			■				■	.30	.19	.43
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.30	.17	.39
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.34	.28	.51
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.34	.26	.47
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.34	.23	.42
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.31	.28	.51
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.31	.25	.47
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.31	.23	.42
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.33	.21	.47
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.33	.19	.43
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.33	.18	.39
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.30	.21	.47
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.30	.19	.43
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.30	.17	.39
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.34	.28	.51
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.34	.25	.46
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.34	.23	.42
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.31	.28	.51
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.31	.25	.46
Product Series 3510, WoodClad™, Ultra™ Casement	■			■		■	■		■					■	.31	.23	.42
Product Series 3622, WoodClad™, Ultra™ Inswing Door	■			■		■	■		■					■	.36	.17	.38
Product Series 3622, WoodClad™, Ultra™ Inswing Door	■			■		■	■		■					■	.36	.15	.33
Product Series 3622, WoodClad™, Ultra™ Inswing Door	■			■		■	■		■					■	.36	.14	.27
Product Series 3622, WoodClad™, Ultra™ Inswing Door	■			■		■	■		■					■	.33	.17	.38
Product Series 3622, WoodClad™, Ultra™ Inswing Door	■			■		■	■		■					■	.33	.15	.33
Product Series 3622, WoodClad™, Ultra™ Inswing Door	■			■		■	■		■					■	.33	.13	.27
Product Series 3622, WoodClad™, Ultra™ Inswing Door	■			■		■	■		■					■	.36	.23	.41
Product Series 3622, WoodClad™, Ultra™ Inswing Door	■			■		■	■		■					■	.36	.20	.35
Product Series 3622, WoodClad™, Ultra™ Inswing Door	■			■		■	■		■					■	.36	.18	.30
Product Series 3622, WoodClad™, Ultra™ Inswing Door	■			■		■	■		■					■	.34	.23	.41
Product Series 3622, WoodClad™, Ultra™ Inswing Door	■			■		■	■		■					■	.34	.20	.35
Product Series 3622, WoodClad™, Ultra™ Inswing Door	■			■		■	■		■					■	.34	.17	.30
Product Series 3623, WoodClad™, Ultra™ Outswing Door	■			■		■	■		■					■	.36	.17	.38
Product Series 3623, WoodClad™, Ultra™ Outswing Door	■			■		■	■		■					■	.36	.15	.32
Product Series 3623, WoodClad™, Ultra™ Outswing Door	■			■		■	■		■					■	.36	.13	.27
Product Series 3623, WoodClad™, Ultra™ Outswing Door	■			■		■	■		■					■	.33	.17	.38
Product Series 3623, WoodClad™, Ultra™ Outswing Door	■			■		■	■		■					■	.33	.15	.32

In some cases, glass substitutions may be made by the Milgard manufacturing facility which could impact the SHGC slightly.

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Applicable for Iowa, Illinois, Indiana, Maryland, Michigan, Minnesota, Ohio, Virginia and Wisconsin

**Test data as of November 19, 2009. All data is subject to change without prior notification.
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WoodClad™/Ultra™ Series Thermal Data

Dual Glaze - East of Rockies

Product Description	Glass Thickness		Low-E Glass		Inert Gas		Spacer		Grids Between Glass			SDL Grids		Stimulus	U-Factor	SHGC	VLT
	SS	DS	SunCoat®	SunCoatMAX®	Air	Argon	EdgeGard™	EdgeGardMAX™	No Grids	Flat Grids	Sculptured Grids	Narrow SDL	Wide SDL				
	glass size 25 sq/ft and smaller	obscura, tempered, and glass size larger than 25 sq/ft										with narrow shadow bar	with wide shadow bar				
Product Series 3623, WoodClad™, Ultra™ Outswing Door		■		■		■		■							.33	.13	.27
Product Series 3623, WoodClad™, Ultra™ Outswing Door		■		■		■		■							.36	.22	.41
Product Series 3623, WoodClad™, Ultra™ Outswing Door		■		■		■		■		■					.36	.20	.35
Product Series 3623, WoodClad™, Ultra™ Outswing Door		■		■		■		■							.36	.17	.30
Product Series 3623, WoodClad™, Ultra™ Outswing Door		■		■		■		■							.34	.22	.41
Product Series 3623, WoodClad™, Ultra™ Outswing Door		■		■		■		■							.34	.19	.35
Product Series 3623, WoodClad™, Ultra™ Outswing Door		■		■		■		■							.34	.17	.30
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.37	.19	.41
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.37	.17	.35
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.37	.15	.30
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.34	.19	.41
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.34	.16	.35
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.34	.15	.30
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.37	.19	.40
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.37	.17	.35
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.37	.15	.29
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.34	.18	.40
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.34	.16	.35
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.34	.15	.29
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.37	.25	.44
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.37	.22	.38
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.37	.19	.32
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.34	.25	.44
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.34	.22	.38
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.34	.19	.32
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.37	.25	.44
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.37	.22	.37
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.37	.19	.32
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.34	.24	.44
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.34	.22	.37
Product Series 3626, WoodClad™, Ultra™ French Sliding Door	■			■		■		■							.34	.19	.32
Product Series 3642, WoodClad™, Ultra™ Inswing Door (New)		■		■		■		■							.37	.16	.37
Product Series 3642, WoodClad™, Ultra™ Inswing Door (New)		■		■		■		■							.37	.14	.31
Product Series 3642, WoodClad™, Ultra™ Inswing Door (New)		■		■		■		■							.37	.13	.26
Product Series 3642, WoodClad™, Ultra™ Inswing Door (New)		■		■		■		■							.34	.16	.37
Product Series 3642, WoodClad™, Ultra™ Inswing Door (New)		■		■		■		■							.34	.14	.31
Product Series 3642, WoodClad™, Ultra™ Inswing Door (New)		■		■		■		■							.34	.12	.26
Product Series 3642, WoodClad™, Ultra™ Inswing Door (New)		■		■		■		■							.37	.22	.40
Product Series 3642, WoodClad™, Ultra™ Inswing Door (New)		■		■		■		■							.37	.19	.34

In some cases, glass substitutions may be made by the Milgard manufacturing facility which could impact the SHGC slightly.

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Applicable for Iowa, Illinois, Indiana, Maryland, Michigan, Minnesota, Ohio, Virginia and Wisconsin

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WoodClad™/Ultra™ Series Thermal Data

Dual Glaze - East of Rockies

Product Description	Glass Thickness		Low-E Glass		Inert Gas		Spacer		Grids Between Glass			SDL Grids		Stimulus	U-Factor	SHGC	VLT
	SS	DS	SunCoat®	SunCoatMAX®	Air	Argon	EdgeGard™	EdgeGardMAX™	No Grids	Flat Grids	Sculptured Grids	Narrow SDL	Wide SDL				
	glass size 25 sq/ft and smaller	obscure, tempered, and glass size larger than 25 sq/ft										with narrow shadow bar	with wide shadow bar				
Product Series 3642, WoodClad™, Ultra™ Inswing Door (New)														.37	.16	.29	
Product Series 3642, WoodClad™, Ultra™ Inswing Door (New)														.35	.22	.40	
Product Series 3642, WoodClad™, Ultra™ Inswing Door (New)														.35	.19	.34	
Product Series 3642, WoodClad™, Ultra™ Inswing Door (New)														.35	.16	.29	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.33	.21	.48	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.33	.19	.43	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.33	.17	.39	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.29	.20	.48	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.29	.19	.43	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.29	.17	.39	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.33	.21	.48	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.33	.19	.43	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.33	.17	.39	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.29	.20	.48	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.29	.19	.43	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.29	.17	.39	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.34	.28	.52	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.34	.25	.47	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.34	.23	.42	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.30	.27	.52	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.30	.25	.47	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.30	.23	.42	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.33	.27	.52	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.33	.25	.47	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.33	.23	.42	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.30	.27	.52	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.30	.25	.47	
Product Series 3643, WoodClad™, Ultra™ Inswing Door Transom Only (Direct Glazed)														.30	.23	.42	
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)														.35	.16	.37	
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)														.35	.15	.33	
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)														.35	.13	.29	
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)														.33	.16	.37	
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)														.33	.14	.33	
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)														.33	.13	.29	
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)														.35	.16	.37	
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)														.35	.15	.33	
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)														.35	.13	.29	
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)														.32	.16	.37	
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)														.32	.14	.33	

In some cases, glass substitutions may be made by the Milgard manufacturing facility which could impact the SHGC slightly.

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Applicable for Iowa, Illinois, Indiana, Maryland, Michigan, Minnesota, Ohio, Virginia and Wisconsin

Test data as of November 19, 2009. All data is subject to change without prior notification. For the most up to date testing information contact your Milgard sales representative.



WoodClad™/Ultra™ Series Thermal Data Dual Glaze - East of Rockies

Product Description	Glass Thickness		Low-E Glass		Inert Gas		Spacer		Grids Between Glass			SDL Grids		Stimulus	U-Factor	SHGC	VLT
	SS	DS	SunCoat®	SunCoatMAX®	Air	Argon	EdgeGard™	EdgeGardMAX™	No Grids	Flat Grids	Sculptured Grids	Narrow SDL	Wide SDL				
	glass size 25 sq/ft and smaller	obscura, tempered, and glass size larger than 25 sq/ft										with narrow shadow bar	with wide shadow bar				
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)		■		■		■		■			■				.32	.13	.29
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)	■		■		■		■		■						.36	.22	.40
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)	■		■		■		■			■					.36	.19	.36
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)	■		■		■		■				■				.36	.17	.31
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)	■		■		■		■			■					.33	.21	.40
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)	■		■		■		■				■				.33	.19	.36
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)	■		■		■		■					■			.33	.17	.31
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)		■			■		■								.36	.22	.40
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)		■			■		■					■			.36	.19	.35
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)		■			■		■						■		.36	.17	.31
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)		■			■		■						■		.33	.21	.40
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)		■			■		■						■		.33	.19	.35
Product Series 3644, WoodClad™, Ultra™ Inswing Door Transom Only (Panel Glazed)		■			■		■						■		.33	.17	.31
Product Series 3710, WoodClad™, Ultra™ Radius Fixed	■			■		■		■			■				.36	.25	.58
Product Series 3710, WoodClad™, Ultra™ Radius Fixed		■		■		■		■				■			.36	.23	.53
Product Series 3710, WoodClad™, Ultra™ Radius Fixed	■			■		■		■				■			.36	.21	.47
Product Series 3710, WoodClad™, Ultra™ Radius Fixed	■			■		■		■			■				.32	.25	.58
Product Series 3710, WoodClad™, Ultra™ Radius Fixed	■			■		■		■				■			.32	.22	.53
Product Series 3710, WoodClad™, Ultra™ Radius Fixed	■			■		■		■					■		.32	.20	.47
Product Series 3710, WoodClad™, Ultra™ Radius Fixed		■		■		■		■					■		.36	.25	.58
Product Series 3710, WoodClad™, Ultra™ Radius Fixed		■		■		■		■				■			.36	.23	.52
Product Series 3710, WoodClad™, Ultra™ Radius Fixed		■		■		■		■					■		.36	.21	.46
Product Series 3710, WoodClad™, Ultra™ Radius Fixed		■		■		■		■					■		.32	.24	.58
Product Series 3710, WoodClad™, Ultra™ Radius Fixed		■		■		■		■					■		.32	.22	.52
Product Series 3710, WoodClad™, Ultra™ Radius Fixed		■		■		■		■					■		.32	.20	.46
Product Series 3710, WoodClad™, Ultra™ Radius Fixed	■			■		■		■							.37	.33	.63
Product Series 3710, WoodClad™, Ultra™ Radius Fixed	■			■		■		■				■			.37	.30	.57
Product Series 3710, WoodClad™, Ultra™ Radius Fixed	■			■		■		■					■		.37	.27	.51
Product Series 3710, WoodClad™, Ultra™ Radius Fixed	■			■		■		■					■		.33	.33	.63
Product Series 3710, WoodClad™, Ultra™ Radius Fixed	■			■		■		■					■		.33	.30	.57
Product Series 3710, WoodClad™, Ultra™ Radius Fixed	■			■		■		■					■		.33	.27	.51
Product Series 3710, WoodClad™, Ultra™ Radius Fixed		■		■		■		■					■		.36	.33	.63
Product Series 3710, WoodClad™, Ultra™ Radius Fixed		■		■		■		■				■			.36	.30	.56
Product Series 3710, WoodClad™, Ultra™ Radius Fixed		■		■		■		■					■		.36	.27	.50
Product Series 3710, WoodClad™, Ultra™ Radius Fixed		■		■		■		■					■		.32	.33	.63
Product Series 3710, WoodClad™, Ultra™ Radius Fixed		■		■		■		■					■		.32	.30	.56
Product Series 3710, WoodClad™, Ultra™ Radius Fixed		■		■		■		■					■		.32	.27	.50

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