

Thermal Test Reports

AVW's Glazing Options

U Factor / CR Options >>	6	8	10	12	14	16	18	20	22
SHGC/VT Options >>	15	23	23	31	31	39	39	47	47
Glass Coating >>	AFG TI-AC	AFG TI-R	AFG TI-R,	Gua RLE 71/38	Gua RLE 71/38	AFG TI-AC 36	AFG TI-AC 36	AFG TI-AC 40	AFG TI-AC 40,
Gas >>	Argon,	-	Argon,	-	Argon,	-	Argon,	-	Argon,
Glass Thickness >>	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB
Low-E Surface >>	Southern	Southern	Southern	Southern	Southern	Southern	Southern	Southern	Southern
Grid Options >>	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)

Description / Type

Windgate

Double Hung (Unequal Lite)	TruSeal	U-Factor	0.31	0.35	0.31	0.35	0.31	0.35	0.31	0.35	0.31
		CR	58	54	58	54	58	54	58	54	57
		SHGC	0.33	0.37	0.37	0.34	0.34	0.33	0.33	0.35	0.35
		VT	0.43	0.49	0.49	0.49	0.49	0.47	0.47	0.49	0.49

Windgate/Belmont

Single Hung	TruSeal	U-Factor	0.31	0.35	0.31	0.35	0.31	0.35	0.31	0.35	0.31
		CR	58	54	58	55	58	54	58	54	58
		SHGC	0.34	0.38	0.38	0.34	0.34	0.33	0.33	0.35	0.35
		VT	0.43	0.50	0.50	0.50	0.50	0.48	0.48	0.50	0.50
Single Slider	TruSeal	U-Factor	0.31	0.34	0.31	0.34	0.30	0.34	0.31	0.34	0.31
		CR	59	56	59	56	59	56	59	56	59
		SHGC	0.33	0.37	0.37	0.34	0.34	0.33	0.33	0.35	0.35
		VT	0.43	0.50	0.50	0.50	0.50	0.47	0.47	0.49	0.49
Two-Lite Slider	TruSeal	U-Factor	0.31	0.34	0.31	0.34	0.30	0.34	0.31	0.34	0.31
		CR	58	55	58	55	58	55	58	55	58
		SHGC	0.33	0.37	0.37	0.33	0.33	0.32	0.32	0.34	0.34
		VT	0.42	0.49	0.49	0.49	0.49	0.47	0.47	0.49	0.49

Belmont

Double Hung (Equal Lite)	TruSeal	U-Factor	0.32	0.35	0.32	0.35	0.32	0.35	0.32	0.36	0.32
		CR	57	54	57	54	57	54	57	54	57
		SHGC	0.35	0.33	0.36	0.33	0.33	0.32	0.32	0.34	0.34
		VT	0.30	0.48	0.48	0.48	0.48	0.46	0.46	0.47	0.47

Hawthorne

Double Hung (Unequal Lite)	TruSeal	U-Factor	0.31	0.35	0.31	0.35	0.31	0.35	0.31	0.35	0.31
		CR	57	54	57	54	58	54	57	54	57
		SHGC	0.33	0.37	0.37	0.34	0.34	0.33	0.32	0.35	0.35
		VT	0.43	0.49	0.49	0.49	0.49	0.47	0.47	0.49	0.49
Double Hung	TruSeal	U-Factor	0.32	0.35	0.32	0.35	0.32	0.35	0.32	0.36	0.32

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Gas >>	Argon,	-	Argon,	-	Argon,	-	Argon,	-	Argon,
Glass Thickness >>	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB
Low-E Surface >>	Southern	Southern	Southern	Southern	Southern	Southern	Southern	Southern	Southern
Grid Options >>	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)

Description / Type

(Equal Lite)	CR	57	54	57	54	57	54	57	54	57	
	SHGC	0.32	0.36	0.36	0.33	0.33	0.31	0.31	0.33	0.33	
	VT	0.41	0.47	0.47	0.47	0.47	0.45	0.45	0.47	0.47	
Two-Lite Slider	TruSeal	U-Factor	0.31	0.34	0.31	0.34	0.31	0.34	0.31	0.35	0.31
		CR	58	54	58	55	58	54	58	54	58
		SHGC	0.33	0.37	0.37	0.33	0.33	0.32	0.32	0.34	0.34
		VT	0.42	0.49	0.49	0.49	0.49	0.47	0.47	0.49	0.49

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Glass Coating >>	AFG TI-AC	AFG TI-R	AFG TI-R,	Gua RLE 71/38	Gua RLE 71/38	AFG TI-AC 36	AFG TI-AC 36	AFG TI-AC 40	AFG TI-AC 40,
Gas >>	Argon,	-	Argon,	-	Argon,	-	Argon,	-	Argon,
Glass Thickness >>	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB
Low-E Surface >>	Southern	Southern	Southern	Southern	Southern	Southern	Southern	Southern	Southern
Grid Options >>	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)

Description / Type
Windgate/Belmont/Hawthorne

Casement	TruSeal	U-Factor	0.28	0.32	0.28	0.32	0.28	0.32	0.28	0.32	0.29
		CR	58	55	58	55	58	55	58	54	58
		SHGC	0.32	0.35	0.35	0.32	0.32	0.31	0.31	0.33	0.33
		VT	0.41	0.47	0.47	0.47	0.47	0.45	0.45	0.46	0.46
Fixed Casement	TruSeal	U-Factor	0.28	0.32	0.28	0.31	0.28	0.32	0.28	0.32	0.28
		CR	57	54	57	54	57	54	57	53	57
		SHGC	0.35	0.39	0.39	0.36	0.36	0.34	0.34	0.37	0.37
		VT	0.45	0.52	0.52	0.52	0.52	0.50	0.50	0.52	0.52
Awning	TruSeal	U-Factor	0.28	0.31	0.28	0.31	0.28	0.31	0.28	0.31	0.28
		CR	57	54	57	54	57	53	57	53	57
		SHGC	0.32	0.35	0.35	0.32	0.32	0.31	0.31	0.33	0.33
		VT	0.41	0.47	0.47	0.47	0.47	0.45	0.45	0.46	0.46
Picture	TruSeal	U-Factor	0.30	0.33	0.30	0.33	0.29	0.33	0.30	0.34	0.30
		CR	60	57	60	57	61	57	60	57	60
		SHGC	0.35	0.39	0.39	0.36	0.36	0.34	0.34	0.36	0.36
		VT	0.45	0.52	0.52	0.52	0.52	0.49	0.49	0.51	0.51

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Patio Door	TruSeal	U-Factor *	-	.33 / .33	-	-	-	-	-	-
		CR	-	-	-	-	-	-	-	-
		SHGC *	-	.36 / .33	-	-	-	-	-	-
		VT *	-	.52 / .49	-	-	-	-	-	-