

# Thermal Test Reports

## AVW's Glazing Options

U Factor / CR Options >>	1	4	6	8	10	12	14	16	18	20	22
SHGC/VT Options >>	1	7	14	22	22	30	30	38	38	46	46
Glass Coating >>	Clear,	Cardinal E172	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,	-	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	SSB or DSB	SSB or DSB
Low-E Surface >>											
Grid Options >>	(<1" Grid)	(<1" Grid)	(<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	0.48	0.31	0.31	0.35	0.31	0.35	0.31	0.35	0.31	0.35	0.31
		CR	44	57	58	54	58	54	58	54	58	54	57
		SHGC	0.55	0.29	0.28	0.34	0.34	0.28	0.28	0.26	0.26	0.29	0.29
		VT	0.57	0.50	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	0.48	0.31	0.31	0.35	0.31	0.35	0.31	0.35	0.31	0.35	0.31
		CR	44	58	58	54	58	55	58	54	58	54	58
		SHGC	0.56	0.30	0.29	0.34	0.34	0.28	0.28	0.26	0.26	0.29	0.29
		VT	0.58	0.51	0.43	0.50	0.50	0.50	0.50	0.48	0.48	0.50	0.50
Single Slider	TruSeal	U-Factor	0.48	0.31	0.31	0.34	0.31	0.34	0.30	0.34	0.31	0.34	0.31
		CR	44	59	59	56	59	56	59	56	59	56	59
		SHGC	0.56	0.29	0.28	0.34	0.34	0.28	0.28	0.26	0.26	0.29	0.29
		VT	0.57	0.50	0.43	0.50	0.50	0.50	0.50	0.47	0.47	0.49	0.49
Two-Lite Slider	TruSeal	U-Factor	0.47	0.31	0.31	0.34	0.31	0.34	0.30	0.34	0.31	0.34	0.31
		CR	44	58	58	55	58	55	58	55	58	55	58
		SHGC	0.55	0.29	0.28	0.33	0.33	0.27	0.27	0.26	0.26	0.28	0.28
		VT	0.56	0.50	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	0.48	0.32	0.32	0.35	0.32	0.35	0.32	0.35	0.32	0.36	0.32
		CR	43	57	57	54	57	54	57	54	57	54	57
		SHGC	0.53	0.52	0.35	0.33	0.33	0.27	0.27	0.25	0.25	0.28	0.28
		VT	0.55	0.54	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	0.48	0.31	0.31	0.35	0.31	0.35	0.31	0.35	0.31	0.35	0.31
		CR	43	57	57	54	57	54	58	54	57	54	57
		SHGC	0.55	0.29	0.28	0.33	0.33	0.28	0.28	0.26	0.26	0.28	0.28
		VT	0.57	0.50	0.43	0.49	0.49	0.49	0.49	0.47	0.47	0.49	0.49

Double Hung	TruSeal	U-Factor	0.48	0.32	0.32	0.35	0.32	0.35	0.32	0.35	0.32	0.36	0.32
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SHGC/VT Options >>	1	7	14	22	22	30	30	38	38	46	46
Glass Coating >>	Clear,	Cardinal E172	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,	-	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	SSB or DSB	SSB or DSB
Low-E Surface >>											
Grid Options >>	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)	(<1" Grid)

## Description / Type (Equal Lite)

	CR	43	57	57	54	57	54	57	54	57	54	57	
	SHGC	0.53	0.28	0.27	0.32	0.32	0.27	0.27	0.25	0.25	0.28	0.28	
	VT	0.55	0.48	0.41	0.47	0.47	0.47	0.47	0.45	0.45	0.47	0.47	
Two-Lite Slider	TruSeal	U-Factor	0.47	0.31	0.31	0.34	0.31	0.34	0.31	0.34	0.31	0.35	0.31
		CR	43	58	58	54	58	55	58	54	58	54	58
		SHGC	0.55	0.29	0.28	0.33	0.33	0.28	0.28	0.26	0.26	0.28	0.28
		VT	0.56	0.50	0.42	0.49	0.49	0.49	0.49	0.47	0.47	0.49	0.49

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Glass Coating >>	Clear,	Cardinal E172	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,	-	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	SSB or DSB	SSB or DSB
Low-E Surface >>											
Grid Options >>	(<1" Grid)	(<1" Grid)	(<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	0.44	0.29	0.28	0.32	0.28	0.32	0.28	0.32	0.28	0.32	0.29
		CR	43	58	58	55	58	55	58	55	58	54	58
		SHGC	0.52	0.28	0.27	0.32	0.32	0.26	0.26	0.25	0.25	0.27	0.27
		VT	0.54	0.47	0.41	0.47	0.47	0.47	0.47	0.45	0.45	0.46	0.46
Fixed Casement	TruSeal	U-Factor	0.45	0.28	0.28	0.32	0.28	0.31	0.28	0.32	0.28	0.32	0.28
		CR	42	57	57	54	57	54	57	54	57	53	57
		SHGC	0.58	0.31	0.30	0.36	0.36	0.29	0.29	0.28	0.28	0.30	0.30
		VT	0.60	0.53	0.45	0.52	0.52	0.52	0.52	0.50	0.50	0.52	0.52
Awning	TruSeal	U-Factor	0.43	0.28	0.28	0.31	0.28	0.31	0.28	0.31	0.28	0.31	0.28
		CR	43	57	57	54	57	54	57	53	57	53	57
		SHGC	0.52	0.28	0.27	0.32	0.32	0.26	0.26	0.25	0.25	0.27	0.27
		VT	0.54	0.47	0.41	0.47	0.47	0.47	0.47	0.45	0.45	0.46	0.46
Picture	TruSeal	U-Factor	0.47	0.30	0.30	0.33	0.30	0.33	0.29	0.33	0.30	0.34	0.30
		CR	45	60	60	57	60	57	61	57	60	57	60
		SHGC	0.58	0.31	0.30	0.35	0.35	0.29	0.29	0.27	0.27	0.30	0.30
		VT	0.60	0.53	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 *	.49 / .49	-	-	.33 / .33	-	-	-	-	-	-	-
		CR	-	-	-	-	-	-	-	-	-	-	-
		SHGC *	.57 / .53	-	-	.36 / .33	-	-	-	-	-	-	-
		VT *	.59 / .58	-	-	.52 / .49	-	-	-	-	-	-	-