

AVW's Glazing Options

U Factor / CR Options >>	1	4	6	6	8	8	10	10	12	12	14
SHGC/VT Options >>	1	7	14	15	22	23	22	23	30	31	30
Glass Coating >>	Clear,	Cardinal E172	AFG TI-AC	AFG TI-AC	AFG TI-R	AFG TI-R	AFG TI-R,	AFG TI-R,	Gua RLE 71/38	Gua RLE 71/38	Gua RLE 71/38
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 >>				Southern		Southern		Southern		Southern	
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	0.31	0.35	0.35	0.31	0.31	0.35	0.35	0.31
		CR	44	57	58	58	54	54	58	58	54	54	58
		SHGC	0.55	0.29	0.28	0.33	0.34	0.37	0.34	0.37	0.28	0.34	0.28
		VT	0.57	0.50	0.43	0.43	0.49	0.49	0.49	0.49	0.49	0.49	0.49

Windgate/Belmont

Single Hung	TruSeal	U-Factor	0.48	0.31	0.31	0.31	0.35	0.35	0.31	0.31	0.35	0.35	0.31
		CR	44	58	58	58	54	54	58	58	55	55	58
		SHGC	0.56	0.30	0.29	0.34	0.34	0.38	0.34	0.38	0.28	0.34	0.28
		VT	0.58	0.51	0.43	0.43	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Single Slider	TruSeal	U-Factor	0.48	0.31	0.31	0.31	0.34	0.34	0.31	0.31	0.34	0.34	0.30
		CR	44	59	59	59	56	56	59	59	56	56	59
		SHGC	0.56	0.29	0.28	0.33	0.34	0.37	0.34	0.37	0.28	0.34	0.28
		VT	0.57	0.50	0.43	0.43	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Two-Lite Slider	TruSeal	U-Factor	0.47	0.31	0.31	0.31	0.34	0.34	0.31	0.31	0.34	0.34	0.30
		CR	44	58	58	58	55	55	58	58	55	55	58
		SHGC	0.55	0.29	0.28	0.33	0.33	0.37	0.33	0.37	0.27	0.33	0.27
		VT	0.56	0.50	0.42	0.42	0.49	0.49	0.49	0.49	0.49	0.49	0.49

Belmont

Double Hung (Equal Lite)	TruSeal	U-Factor	0.48	0.32	0.32	0.32	0.35	0.35	0.32	0.32	0.35	0.35	0.32
		CR	43	57	57	57	54	54	57	57	54	54	57
		SHGC	0.53	0.52	0.35	0.35	0.33	0.33	0.33	0.36	0.27	0.33	0.27
		VT	0.55	0.54	0.30	0.30	0.48	0.48	0.48	0.48	0.48	0.48	0.48

Hawthorne

Double Hung (Unequal Lite)	TruSeal	U-Factor	0.48	0.31	0.31	0.31	0.35	0.35	0.31	0.31	0.35	0.35	0.31
		CR	43	57	57	57	54	54	57	57	54	54	58
		SHGC	0.55	0.29	0.28	0.33	0.33	0.37	0.33	0.37	0.28	0.34	0.28
		VT	0.57	0.50	0.43	0.43	0.49	0.49	0.49	0.49	0.49	0.49	0.49
Double Hung	TruSeal	U-Factor	0.48	0.32	0.32	0.32	0.35	0.35	0.32	0.32	0.35	0.35	0.32

AVW's Glazing Options

	1	4	6	6	8	8	10	10	12	12	14
U Factor / CR Options >>	1	4	6	6	8	8	10	10	12	12	14
SHGC/VT Options >>	1	7	14	15	22	23	22	23	30	31	30
Glass Coating >>	Clear,	Cardinal E172	AFG TI-AC	AFG TI-AC	AFG TI-R	AFG TI-R	AFG TI-R,	AFG TI-R,	Gua RLE 71/38	Gua RLE 71/38	Gua RLE 71/38
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 >>				Southern		Southern		Southern		Southern	
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	57	54	54	57	57	54	54	57
	SHGC	0.53	0.28	0.27	0.32	0.32	0.36	0.32	0.36	0.27	0.33	0.27
	VT	0.55	0.48	0.41	0.41	0.47	0.47	0.47	0.47	0.47	0.47	0.47
Two-Lite Slider	TruSeal	U-Factor	0.47	0.31	0.31	0.31	0.34	0.34	0.31	0.31	0.34	0.31
		CR	43	58	58	58	54	54	58	58	55	58
		SHGC	0.55	0.29	0.28	0.33	0.33	0.37	0.33	0.37	0.28	0.33
		VT	0.56	0.50	0.42	0.42	0.49	0.49	0.49	0.49	0.49	0.49

AVW's Glazing Options

U Factor / CR Options >>	1	4	6	6	8	8	10	10	12	12	14
SHGC/VT Options >>	1	7	14	15	22	23	22	23	30	31	30
Glass Coating >>	Clear,	Cardinal E172	AFG TI-AC	AFG TI-AC	AFG TI-R	AFG TI-R	AFG TI-R,	AFG TI-R,	Gua RLE 71/38	Gua RLE 71/38	Gua RLE 71/38
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 >>				Southern			Southern	Southern		Southern	
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	0.28	0.32	0.32	0.28	0.28	0.32	0.32	0.28
		CR	43	58	58	58	55	55	58	58	55	55	58
		SHGC	0.52	0.28	0.27	0.32	0.32	0.35	0.32	0.35	0.26	0.32	0.26
		VT	0.54	0.47	0.41	0.41	0.47	0.47	0.47	0.47	0.47	0.47	0.47
Fixed Casement	TruSeal	U-Factor	0.45	0.28	0.28	0.28	0.32	0.32	0.28	0.28	0.31	0.31	0.28
		CR	42	57	57	57	54	54	57	57	54	54	57
		SHGC	0.58	0.31	0.30	0.35	0.36	0.39	0.36	0.39	0.29	0.36	0.29
		VT	0.60	0.53	0.45	0.45	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Awning	TruSeal	U-Factor	0.43	0.28	0.28	0.28	0.31	0.31	0.28	0.28	0.31	0.31	0.28
		CR	43	57	57	57	54	54	57	57	54	54	57
		SHGC	0.52	0.28	0.27	0.32	0.32	0.35	0.32	0.35	0.26	0.32	0.26
		VT	0.54	0.47	0.41	0.41	0.47	0.47	0.47	0.47	0.47	0.47	0.47
Picture	TruSeal	U-Factor	0.47	0.30	0.30	0.30	0.33	0.33	0.30	0.30	0.33	0.33	0.29
		CR	45	60	60	60	57	57	60	60	57	57	61
		SHGC	0.58	0.31	0.30	0.35	0.35	0.39	0.35	0.39	0.29	0.36	0.29
		VT	0.60	0.53	0.45	0.45	0.52	0.52	0.52	0.52	0.52	0.52	0.52

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Patio Door	TruSeal	U-Factor *	.49 / .49	-	-	-	.33 / .33	.33 / .33	-	-	-	-	-
		CR	-	-	-	-	-	-	-	-	-	-	-
		SHGC *	.57 / .53	-	-	-	.36 / .33	.36 / .33	-	-	-	-	-
		VT *	.59 / .58	-	-	-	.52 / .49	.52 / .49	-	-	-	-	-

mal Test Reports

14 31	16 38	16 39	18 38	18 39	20 46	20 47	22 46	22 47
Gua RLE 71/38 Argon, SSB or DSB Southern (<1" Grid)	AFG TI-AC 36 - SSB or DSB (<1" Grid)	AFG TI-AC 36 - SSB or DSB Southern (<1" Grid)	AFG TI-AC 36 Argon, SSB or DSB (<1" Grid)	AFG TI-AC 36 Argon, SSB or DSB Southern (<1" Grid)	AFG TI-AC 40 - SSB or DSB (<1" Grid)	AFG TI-AC 40 - SSB or DSB Southern (<1" Grid)	AFG TI-AC 40, Argon, SSB or DSB (<1" Grid)	AFG TI-AC 40, Argon, SSB or DSB Southern (<1" Grid)
0.31	0.35	0.35	0.31	0.31	0.35	0.35	0.31	0.31
58	54	54	58	58	54	54	57	57
0.34	0.26	0.33	0.26	0.33	0.29	0.35	0.29	0.35
0.49	0.47	0.47	0.47	0.47	0.49	0.49	0.49	0.49
0.31	0.35	0.35	0.31	0.31	0.35	0.35	0.31	0.31
58	54	54	58	58	54	54	58	58
0.34	0.26	0.33	0.26	0.33	0.29	0.35	0.29	0.35
0.50	0.48	0.48	0.48	0.48	0.50	0.50	0.50	0.50
0.30	0.34	0.34	0.31	0.31	0.34	0.34	0.31	0.31
59	56	56	59	59	56	56	59	59
0.34	0.26	0.33	0.26	0.33	0.29	0.35	0.29	0.35
0.50	0.47	0.47	0.47	0.47	0.49	0.49	0.49	0.49
0.30	0.34	0.34	0.31	0.31	0.34	0.34	0.31	0.31
58	55	55	58	58	55	55	58	58
0.33	0.26	0.32	0.26	0.32	0.28	0.34	0.28	0.34
0.49	0.47	0.47	0.47	0.47	0.49	0.49	0.49	0.49
0.32	0.35	0.35	0.32	0.32	0.36	0.36	0.32	0.32
57	54	54	57	57	54	54	57	57
0.33	0.25	0.32	0.25	0.32	0.28	0.34	0.28	0.34
0.48	0.46	0.46	0.46	0.46	0.47	0.47	0.47	0.47
0.31	0.35	0.35	0.31	0.31	0.35	0.35	0.31	0.31
58	54	54	57	57	54	54	57	57
0.34	0.26	0.33	0.26	0.32	0.28	0.35	0.28	0.35
0.49	0.47	0.47	0.47	0.47	0.49	0.49	0.49	0.49
0.32	0.35	0.35	0.32	0.32	0.36	0.36	0.32	0.32

mal Test Reports

14 31	16 38	16 39	18 38	18 39	20 46	20 47	22 46	22 47
Gua RLE 71/38 Argon, SSB or DSB Southern (<1" Grid)	AFG TI-AC 36 - SSB or DSB (<1" Grid)	AFG TI-AC 36 - SSB or DSB Southern (<1" Grid)	AFG TI-AC 36 Argon, SSB or DSB (<1" Grid)	AFG TI-AC 36 Argon, SSB or DSB Southern (<1" Grid)	AFG TI-AC 40 - SSB or DSB (<1" Grid)	AFG TI-AC 40 - SSB or DSB Southern (<1" Grid)	AFG TI-AC 40, Argon, SSB or DSB (<1" Grid)	AFG TI-AC 40, Argon, SSB or DSB Southern (<1" Grid)
57	54	54	57	57	54	54	57	57
0.33	0.25	0.31	0.25	0.31	0.28	0.33	0.28	0.33
0.47	0.45	0.45	0.45	0.45	0.47	0.47	0.47	0.47
0.31	0.34	0.34	0.31	0.31	0.35	0.35	0.31	0.31
58	54	54	58	58	54	54	58	58
0.33	0.26	0.32	0.26	0.32	0.28	0.34	0.28	0.34
0.49	0.47	0.47	0.47	0.47	0.49	0.49	0.49	0.49

mal Test Reports

14 31	16 38	16 39	18 38	18 39	20 46	20 47	22 46	22 47
Gua RLE 71/38 Argon, SSB or DSB Southern (<1" Grid)	AFG TI-AC 36 - SSB or DSB (<1" Grid)	AFG TI-AC 36 - SSB or DSB Southern (<1" Grid)	AFG TI-AC 36 Argon, SSB or DSB (<1" Grid)	AFG TI-AC 36 Argon, SSB or DSB Southern (<1" Grid)	AFG TI-AC 40 - SSB or DSB (<1" Grid)	AFG TI-AC 40 - SSB or DSB Southern (<1" Grid)	AFG TI-AC 40, Argon, SSB or DSB (<1" Grid)	AFG TI-AC 40, Argon, SSB or DSB Southern (<1" Grid)
0.28	0.32	0.32	0.28	0.28	0.32	0.32	0.29	0.29
58	55	55	58	58	54	54	58	58
0.32	0.25	0.31	0.25	0.31	0.27	0.33	0.27	0.33
0.47	0.45	0.45	0.45	0.45	0.46	0.46	0.46	0.46
0.28	0.32	0.32	0.28	0.28	0.32	0.32	0.28	0.28
57	54	54	57	57	53	53	57	57
0.36	0.28	0.34	0.28	0.34	0.30	0.37	0.30	0.37
0.52	0.50	0.50	0.50	0.50	0.52	0.52	0.52	0.52
0.28	0.31	0.31	0.28	0.28	0.31	0.31	0.28	0.28
57	53	53	57	57	53	53	57	57
0.32	0.25	0.31	0.25	0.31	0.27	0.33	0.27	0.33
0.47	0.45	0.45	0.45	0.45	0.46	0.46	0.46	0.46
0.29	0.33	0.33	0.30	0.30	0.34	0.34	0.30	0.30
61	57	57	60	60	57	57	60	60
0.36	0.27	0.34	0.27	0.34	0.30	0.36	0.30	0.36
0.52	0.49	0.49	0.49	0.49	0.51	0.51	0.51	0.51
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-