

Thermal Test Reports

AVW's Glazing Options

U Factor / CR Options >>	1	1	22	22
SHGC/VT Options >>	1	1	46	46
Glass Coating >>	Clear,	Clear,	AFG TI-AC 40,	AFG TI-AC 40,
Gas >>	-	-	Argon,	Argon,
Glass Thickness >>	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB
Low-E Surface >>				
Grid Options >>	(No Grids)	(<1" Grid)	(No Grids)	(<1" Grid)



Description / Type							Simulation Report	Expiration Date	Validation Report	Expiration Date
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Windgate

Double Hung (Unequal Lite)	TruSeal	U-Factor	0.47	0.48	0.30	0.31	54088.02-116-45	11/02/08	54103.02-201-46	01/04/09
		CR	44	44	57	57	54088.02-116-45	11/02/08	54103.02-201-46	01/04/09
		SHGC	0.62	0.55	0.32	0.29	54088.02-116-45	11/02/08	54103.02-201-46	01/04/09
		VT	0.64	0.57	0.55	0.49	54088.02-116-45	11/02/08	54103.02-201-46	01/04/09

Windgate/Belmont

Single Hung	TruSeal	U-Factor	0.48	0.48	0.30	0.31	54089.02-116-45	03/24/09	54106.02-201-46	03/22/09
		CR	44	44	58	58	54089.02-116-45	03/24/09	54106.02-201-46	03/22/09
		SHGC	0.62	0.56	0.32	0.29	54089.02-116-45	03/24/09	54106.02-201-46	03/22/09
		VT	0.65	0.58	0.56	0.50	54089.02-116-45	03/24/09	54106.02-201-46	03/22/09
Single Slider	TruSeal	U-Factor	0.47	0.48	0.30	0.31	54090.02-116-45	03/30/09	54107.02-201-46	03/25/09
		CR	44	44	59	59	54090.02-116-45	03/30/09	54107.02-201-46	03/25/09
		SHGC	0.62	0.56	0.32	0.29	54090.02-116-45	03/30/09	54107.02-201-46	03/25/09
		VT	0.64	0.57	0.55	0.49	54090.02-116-45	03/30/09	54107.02-201-46	03/25/09
Two-Lite Slider	TruSeal	U-Factor	0.47	0.47	0.30	0.31	54091.06-116-45	11/09/08	54108.02-201-46	11/24/08
		CR	44	44	58	58	54091.06-116-45	11/09/08	54108.02-201-46	11/24/08
		SHGC	0.61	0.55	0.31	0.28	54091.06-116-45	11/09/08	54108.02-201-46	11/24/08
		VT	0.63	0.56	0.54	0.49	54091.06-116-45	11/09/08	54108.02-201-46	11/24/08

Belmont

Double Hung (Equal Lite)	TruSeal	U-Factor	0.48	0.48	0.31	0.32	54088.02-116-45	11/02/08	54105.02-201-46	12/03/08
		CR	43	43	57	57	54088.02-116-45	11/02/08	54105.02-201-46	12/03/08
		SHGC	0.60	0.53	0.31	0.28	54088.02-116-45	11/02/08	54105.02-201-46	12/03/08
		VT	0.62	0.55	0.53	0.47	54088.02-116-45	11/02/08	54105.02-201-46	12/03/08

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Gas >>	-	-	Argon,	Argon,
Glass Thickness >>	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB
Low-E Surface >>				
Grid Options >>	(No Grids)	(<1" Grid)	(No Grids)	(<1" Grid)



Description / Type						Simulation Report	Expiration Date	Validation Report	Expiration Date
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Hawthorne

Double Hung (Equal Lite)	TruSeal	U-Factor	0.48	0.48	0.31	0.32	54087.02-116-45	01/19/09	54103.02-201-46	01/04/09
		CR	43	43	57	57	54087.02-116-45	01/19/09	54103.02-201-46	01/04/09
		SHGC	0.59	0.53	0.31	0.28	54087.02-116-45	01/19/09	54103.02-201-46	01/04/09
		VT	0.62	0.55	0.53	0.47	54087.02-116-45	01/19/09	54103.02-201-46	01/04/09
Two-Lite Slider	TruSeal	U-Factor	0.47	0.47	0.30	0.31	54091.06-116-45	11/09/08	54108.02-201-46	11/24/08
		CR	43	43	58	58	54091.06-116-45	11/09/08	54108.02-201-46	11/24/08
		SHGC	0.61	0.55	0.31	0.28	54091.06-116-45	11/09/08	54108.02-201-46	11/24/08
		VT	0.63	0.56	0.54	0.49	54091.06-116-45	11/09/08	54108.02-201-46	11/24/08

Windgate/Belmont/Hawthorne

Casement	TruSeal	U-Factor	0.43	0.44	0.28	0.29	54092.02-116-45	04/21/09	54110.02-201-46	04/08/09
		CR	43	43	58	58	54092.02-116-45	04/21/09	54110.02-201-46	04/08/09
		SHGC	0.58	0.52	0.30	0.27	54092.02-116-45	04/21/09	54110.02-201-46	04/08/09
		VT	0.60	0.54	0.51	0.46	54092.02-116-45	04/21/09	54110.02-201-46	04/08/09
Fixed Casement	TruSeal	U-Factor	0.45	0.45	0.27	0.28	54092.02-116-45	04/21/09	54110.02-201-46	04/08/09
		CR	42	42	57	57	54092.02-116-45	04/21/09	54110.02-201-46	04/08/09
		SHGC	0.65	0.58	0.33	0.30	54092.02-116-45	04/21/09	54110.02-201-46	04/08/09
		VT	0.67	0.60	0.58	0.52	54092.02-116-45	04/21/09	54110.02-201-46	04/08/09
Awning	TruSeal	U-Factor	0.44	0.43	0.28	0.28	54092.02-116-45	04/21/09	54110.02-201-46	04/08/09
		CR	43	43	57	57	54092.02-116-45	04/21/09	54110.02-201-46	04/08/09
		SHGC	0.58	0.52	0.30	0.27	54092.02-116-45	04/21/09	54110.02-201-46	04/08/09
		VT	0.60	0.54	0.51	0.46	54092.02-116-45	04/21/09	54110.02-201-46	04/08/09

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Glass Thickness >>	SSB or DSB	SSB or DSB	SSB or DSB	SSB or DSB
Low-E Surface >>				
Grid Options >>	(No Grids)	(<1" Grid)	(No Grids)	(<1" Grid)



<u>Description / Type</u>							<u>Simulation Report</u>	<u>Expiration Date</u>	<u>Validation Report</u>	<u>Expiration Date</u>
Picture	TruSeal	U-Factor	0.47	0.47	0.29	0.30	54086.02-116-45	10/21/08	54102.02-201-46	12/19/08
		CR	45	45	60	60	54086.02-116-45	10/21/08	54102.02-201-46	12/19/08
		SHGC	0.64	0.58	0.33	0.30	54086.02-116-45	10/21/08	54102.02-201-46	12/19/08
		VT	0.67	0.60	0.58	0.51	54086.02-116-45	10/21/08	54102.02-201-46	12/19/08

Patio Doors tested with DSB Only:

Patio Door	TruSeal	U-Factor *	.49 / .49	.49 / .49	-	-	01-40846.10	03/13/06	01-47134.06	10/31/07
		CR	-	-	-	-	01-40846.10	03/13/06	01-47134.06	10/31/07
		SHGC *	.63 / .59	.57 / .53	-	-	01-40846.10	03/13/06	01-47134.06	10/31/07
		VT *	.66 / .65	.59 / .58	-	-	01-40846.10	03/13/06	01-47134.06	10/31/07

* Older report criteria for U-Factor, SHGC & VT: Res. (72" x80") / Non Res. (72" x 96"); No CR