

2005 WERS Certified Products Directory

NOTES

1. U_w is the whole window *U-value*
2. $SHGC_w$ is the whole window *solar heat gain coefficient*
3. T_{vw} is the whole window *visible (light) transmittance*
4. Percentage improvement figures are compared with using base-case Generic Window 1 (3mm clear in standard aluminium frame)
5. A negative percentage improvement figure indicates performance worse than the base-case window
6. A positive percentage improvement figure indicates performance better than the base-case window
7. Maximum air infiltration is 5.0L/s.m² at a positive pressure difference of 75 Pa as measured according to AS 2047
8. Static performance (U_w $SHGC_w$ T_{vw} T_{dw}) calculated using Window 5.2 and Therm 2.1 software (LBNL), 2000-2003
9. Annual energy performance (stars and % improvements) calculated using Nationwide House Energy Rating Software (NatHERS) according to procedures of WERS 2004.

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BEKAERT SPECIALTY FILMS			COOLING % impr.	HEATING % impr.	Total Window System Values			
Product ID	FRAME	FILM			Uw	SHGCw	Tvw	Air Inf.
*All film rated as applied to WERS Generic Window 1: Standard aluminium frame with 3mm clear glass								
BSF-05-001a	F#GGG 001a	Ag25LE	54	-12	4.386	0.343	0.159	5
BSF-05-002a	F#GGG 001a	Aut_br30	45	-23	5.445	0.414	0.245	5
BSF-05-003a	F#GGG 001a	Gold55	44	-21	5.359	0.425	0.361	5
BSF-05-004a	F#GGG 001a	Gold65	31	-13	5.411	0.56	0.472	5
BSF-05-005a	F#GGG 001a	Gold75	21	-6	5.355	0.653	0.525	5
BSF-05-006a	F#GGG 001a	Rosered	13	-5	5.633	0.735	0.1	5
BSF-05-007a	F#GGG 001a	Roylblu	15	-5	5.579	0.718	0.168	5
BSF-05-008a	F#GGG 001a	Sb20	56	-27	5.254	0.308	0.16	5
BSF-05-009a	F#GGG 001a	Sb20_4	58	-28	5.264	0.292	0.13	5
BSF-05-010a	F#GGG 001a	Sb35	49	-23	5.316	0.379	0.253	5
BSF-05-011a	F#GGG 001a	Sb35_4	49	-23	5.281	0.375	0.231	5
BSF-05-012a	F#GGG 001a	Sb50	41	-19	5.345	0.453	0.325	5
BSF-05-013a	F#GGG 001a	Sb50_4	41	-18	5.334	0.456	0.322	5
BSF-05-014a	F#GGG 001a	Sil20	57	-29	5.349	0.299	0.118	5
BSF-05-015a	F#GGG 001a	Sil20_10	55	-27	5.307	0.312	0.126	5
BSF-05-016a	F#GGG 001a	Sil20_4	57	-29	5.351	0.296	0.109	5
BSF-05-017a	F#GGG 001a	Sil20_8	57	-28	5.305	0.297	0.105	5
BSF-05-018a	F#GGG 001a	Sil35	43	-20	5.369	0.437	0.25	5
BSF-05-019a	F#GGG 001a	Sil35_8	41	-18	5.273	0.453	0.258	5
BSF-05-020a	F#GGG 001a	Sil50	30	-13	5.442	0.568	0.383	5
BSF-05-021a	F#GGG 001a	Sil60	22	-8	5.47	0.643	0.438	5
BSF-05-022a	F#GGG 001a	Sil70	13	-5	5.612	0.731	0.506	5
BSF-05-023a	F#GGG 001a	Slate10	57	-31	5.49	0.295	0.085	5
BSF-05-024a	F#GGG 001a	Slate20	48	-24	5.426	0.385	0.166	5
BSF-05-025a	F#GGG 001a	Slate30	42	-18	5.288	0.451	0.218	5
BSF-05-026a	F#GGG 001a	Slate40	32	-14	5.428	0.543	0.324	5
BSF-05-027a	F#GGG 001a	Ss10	51	-26	5.428	0.353	0.066	5
BSF-05-028a	F#GGG 001a	Ss20	39	-20	5.563	0.477	0.171	5
BSF-05-029a	F#GGG 001a	Ss20_4	38	-21	5.621	0.48	0.162	5
BSF-05-030a	F#GGG 001a	Ss20_8	38	-22	5.634	0.477	0.155	5
BSF-05-031a	F#GGG 001a	Ss30	30	-15	5.574	0.56	0.245	5
BSF-05-032a	F#GGG 001a	Ss30_4	31	-16	5.589	0.556	0.239	5
BSF-05-033a	F#GGG 001a	Ss35	24	-10	5.495	0.62	0.307	5
BSF-05-034a	F#GGG 001a	Ss35_8	27	-13	5.57	0.595	0.28	5
BSF-05-035a	F#GGG 001a	Ss50	22	-5	5.303	0.652	0.351	5
BSF-05-036a	F#GGG 001a	Ss50_4	22	-7	5.374	0.644	0.341	5
BSF-05-037a	F#GGG 001a	Ss50_8	24	-10	5.5	0.629	0.318	5
BSF-05-038a	F#GGG 001a	Ss60	12	-5	5.654	0.742	0.47	5

BSF-05-039a	F#GGG 001a	Ss60_10	16	-6	5.546	0.706	0.419	5
BSF-05-040a	F#GGG 001a	Stlg20	54	-26	5.283	0.329	0.164	5
BSF-05-041a	F#GGG 001a	Stlg40	43	-19	5.325	0.441	0.3	5
BSF-05-042a	F#GGG 001a	Stlg40_4	42	-21	5.438	0.445	0.3	5
BSF-05-043a	F#GGG 001a	Stlg50	36	-15	5.346	0.506	0.36	5
BSF-05-044a	F#GGG 001a	Stlg50_4	38	-17	5.36	0.488	0.346	5
BSF-05-045a	F#GGG 001a	Stlg60	33	-15	5.412	0.531	0.39	5
BSF-05-046a	F#GGG 001a	Stlg60_4	28	-11	5.433	0.589	0.452	5
BSF-05-047a	F#GGG 001a	Stlg70	18	-6	5.497	0.687	0.506	5

Film ID	Film Description
Ag25LE	Solar Gard Silver Ag 25 Low-E on 3mm WW
Aut_br30	Panorama Autumn Bronze 30 on 3mm WW
Gold55	Solar Gard Gold 55 on 3mm WW
Gold65	Solar Gard Gold 65 on 3mm WW
Gold75	Solar Gard Gold 75 on 3mm WW
Rosered	Solar Gard Rose Red on 3mm WW
Roylblu	Solar Gard Royal Blue on 3mm WW
Sb20	Solar Gard Solar Bronze 20 on 3mm WW
Sb20_4	Armorcoat 4 Mil Solar Bronze 20 on 3mm WW
Sb35	Solar Gard Solar Bronze 35 on 3mm WW
Sb35_4	Armorcoat 4 Mil Solar Bronze 35 on 3mm WW
Sb50	Solar Gard Solar Bronze 50 on 3mm WW
Sb50_4	Armorcoat 4 Mil Solar Bronze 50 on 3mm WW
Sil20	Solar Gard Silver 20 on 3mm WW
Sil20_10	Armorcoat 10 Mil Silver 20 on 3mm WW
Sil20_4	Armorcoat 4 Mil Silver 20 on 3mm WW
Sil20_8	Armorcoat 8 Mil Silver 20 on 3mm WW
Sil35	Solar Gard Silver 35 on 3mm WW
Sil35_8	Armorcoat 8 Mil Silver 35 on 3mm WW
Sil50	Solar Gard Silver 50 on 3mm WW
Sil60	Solar Gard Silver 60 on 3mm WW
Sil70	Solar Gard Silver 70 on 3mm WW
Slate10	Panorama Slate 10 on 3mm WW
Slate20	Panorama Slate 20 on 3mm WW
Slate30	Panorama Slate 30 on 3mm WW
Slate40	Panorama Slate 40 on 3mm WW
Ss10	Solar Gard Stainless Steel 10 on 3mm WW
Ss20	Solar Gard Stainless Steel 20 on 3mm WW
Ss20_4	Armorcoat 4 Mil Stainless Steel 20 on 3mm WW
Ss20_8	Armorcoat 8 Mil Stainless Steel 20 on 3mm WW
Ss30	Solar Gard Stainless Steel 30 on 3mm WW
Ss30_4	Armorcoat 4 Mil Stainless Steel 30 on 3mm WW
Ss35	Solar Gard Stainless Steel 35 on 3mm WW
Ss35_8	Armorcoat 8 Mil Stainless Steel 35 on 3mm WW
Ss50	Solar Gard Stainless Steel 50 on 3mm WW
Ss50_4	Armorcoat 4 Mil Stainless Steel 50 on 3mm WW
Ss50_8	Armorcoat 8 Mil Stainless Steel 50 on 3mm WW
Ss60	Solar Gard Stainless Steel 60 on 3mm WW
Ss60_10	Armorcoat 10 Mil Stainless Steel 60 on 3mm WW
Stlg20	Panorama Sterling 20 on 3mm WW
Stlg40	Panorama Sterling 40 on 3mm WW

Stlg40_4	Panorama 4 Mil Sterling 40 on 3mm WW
Stlg50	Panorama Sterling 50 on 3mm WW
Stlg50_4	Panorama 4 Mil Sterling 50 on 3mm WW
Stlg60	Panorama Sterling 60 on 3mm WW
Stlg60_4	Panorama 4 Mil Sterling 60 on 3mm WW
Stlg70	Panorama Sterling 70 on 3mm WW