

2008 WERS Certified Products Directory - NFRC



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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 5.2 software (LBNL), 2000-2003
9. Annual energy performance (stars and % improvements) calculated using Nationwide House Energy Rating Software (AccuRate) according to procedures of WERS 2008.
10. Results disclosed at National Fenestration Rating Council (NFRC) regulations.

05-May-2008

A&L Windows				%	%	Total Window System Values - NFRC			
Window ID	Glazing	Cooling Stars	Heating Stars			Uw	SHGCw	Tvw	Air Inf.
Aluminium Awning Window - Single Glazed									
A&L_001_01	3Clr	★	★★★★	22%	40%	6.0	0.66	0.67	0.3
A&L_001_02	5Clr	★☆☆	★★★★	24%	40%	5.9	0.64	0.66	0.3
A&L_001_03	5EG	★★☆☆	★★★★☆	39%	31%	5.9	0.45	0.54	0.3
A&L_001_04	6SCAz	★★★	★★★	50%	23%	5.9	0.30	0.19	0.3
A&L_001_05	6SCBz	★★★	★★★★☆	45%	26%	5.9	0.36	0.15	0.3
A&L_001_06	6SCGy	★★★	★★★	47%	25%	5.9	0.34	0.13	0.3
A&L_001_07	4Sn	★★☆☆	★★★★☆	43%	47%	4.8	0.47	0.51	0.3
A&L_001_08	6Sn	★★☆☆	★★★★☆	44%	47%	4.7	0.46	0.51	0.3
A&L_001_09	6.38CP	★★★	★★★★★	50%	48%	4.4	0.40	0.44	0.3
Aluminium Awning Window - Double Glazed									
A&L_002_01	5/8/5	★★★	★★★★★☆☆	46%	46%	3.8	0.50	0.52	0.3
A&L_002_02	6/8/4	★★★	★★★★★☆☆	46%	46%	3.8	0.49	0.52	0.3
A&L_002_03	3/12/3	★★★	★★★★★	44%	44%	3.7	0.52	0.54	0.3
A&L_002_04	3/12/3EA	★★★	★★★★★	50%	50%	3.2	0.49	0.49	0.3
A&L_002_05	4/8/6.38CP	★★★☆☆	★★★★★	53%	53%	3.2	0.44	0.35	0.3
A&L_002_06	3/12Ar/3EA	★★★☆☆	★★★★★☆☆	50%	50%	3.0	0.49	0.49	0.3
Aluminium Sliding Window - Single Glazed									
A&L_003_01	3Clr	☆☆	★★★	7%	21%	6.3	0.77	0.80	0.28
A&L_003_02	4Clr	☆☆	★★★	9%	21%	6.2	0.76	0.80	0.28
A&L_003_03	5Clr	☆☆	★★★	11%	22%	6.2	0.75	0.79	0.28
A&L_003_04	5Gy	★☆☆	★★	30%	13%	6.2	0.55	0.45	0.28
A&L_003_05	5EG	★★	★★	33%	11%	6.2	0.52	0.65	0.28
A&L_003_06	6SCAz	★★★	★☆☆	46%	2%	6.2	0.34	0.23	0.28
A&L_003_07	6SCBz	★★☆☆	★☆☆	40%	6%	6.2	0.41	0.18	0.28
A&L_003_08	6SCGy	★★☆☆	★☆☆	42%	5%	6.2	0.39	0.15	0.28
A&L_003_09	4Sn	★★	★★★★☆	37%	32%	4.8	0.55	0.61	0.28
A&L_003_10	6Sn	★★☆☆	★★★★☆	39%	32%	4.7	0.54	0.60	0.28
A&L_003_11	6.38CP	★★★	★★★★☆	46%	33%	4.3	0.46	0.52	0.28
Armada / Georgian Aluminium Window - Single Glazed									
A&L_004_01	3Clr	★☆☆	★★★★	29%	38%	5.9	0.59	0.59	0.3
A&L_004_02	5Clr	★☆☆	★★★★	31%	38%	5.8	0.57	0.58	0.3
A&L_004_03	6SCAz	★★★☆☆	★★★	52%	22%	5.8	0.27	0.17	0.3
A&L_004_04	6SCBz	★★★	★★★	48%	26%	5.8	0.32	0.14	0.3
A&L_004_05	6SCGy	★★★	★★★	49%	25%	5.8	0.31	0.11	0.3
A&L_004_06	4Sn	★★★	★★★★☆	47%	44%	4.8	0.42	0.45	0.3
A&L_004_07	6Sn	★★★	★★★	49%	25%	5.8	0.31	0.11	0.3

Aluminium Sliding Door - Double Glazed									
A&L_005_01	5Clr	★	★★☆	16%	21%	5.8	0.72	0.76	4.3
A&L_005_02	5EG	★★	★★	36%	11%	5.8	0.50	0.62	4.3
A&L_005_03	6Clr	★	★★☆	17%	21%	5.8	0.71	0.76	4.3
A&L_005_04	6SCAz	★★★	★★	48%	1%	5.8	0.32	0.22	4.3
A&L_005_05	6SCBz	★★☆	★★	43%	5%	5.8	0.39	0.18	4.3
A&L_005_06	6SCGy	★★★	★★	45%	4%	5.8	0.37	0.15	4.3
A&L_005_07	6Sn	★★☆	★★★★☆	42%	31%	4.4	0.51	0.58	4.3
A&L_005_08	6.38CP	★★★	★★★★☆	49%	32%	3.9	0.44	0.50	4.3