

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.

07-May-08

Brightside Windows & Doors Supplier of Wideline Products				%	%	Total Window System Values - NFRC			
Window ID	Glazing	Cooling Stars	Heating Stars			Uw	SHGCw	Tvw	Air Inf.
Aluminium Residential Sliding Window - Single Glazed									
WID_006_01	3 Clr	☆	★★☆	9%	15%	6.5	0.76	0.78	3.25
WID_006_02	5EG	★★	★★☆	32%	5%	6.4	0.51	0.63	3.25
WID_006_03	5Gy	★☆☆	★★	30%	7%	6.4	0.54	0.43	3.25
WID_006_04	6.38CP	★★★	★★★	46%	27%	4.5	0.45	0.51	3.25
WID_006_05	6Sn	★★★★☆	★★☆	54%	1%	5.6	0.25	0.13	3.25
WID_006_06	6SnGn	★★★	★★☆	48%	18%	4.9	0.39	0.48	3.25
WID_006_07	6SnAz	★★★	★★☆	49%	17%	4.9	0.37	0.48	3.25
Aluminium Residential Sliding Window - Double Glazed									
WID_006_08	3/6/3	★	★★★★	33%	36%	4.4	0.61	0.64	3.25
WID_006_09	3/6/4EA	★★	★★★★	40%	39%	4.0	0.56	0.58	3.25
WID_006_10	4EG/6/3	★★	★★★	51%	24%	4.4	0.38	0.53	3.25
WID_006_11	4EG/6/4EA	★★★	★★★	56%	27%	4.0	0.34	0.48	3.25
WID_006_12	4SGy/6/4A	★★☆	★★★☆☆	52%	30%	4.0	0.40	0.36	3.25
Aluminium Residential Awning Window - Single Glazed									
WID_001_01	3 Clr	★	★★★☆☆	21%	31%	6.6	0.63	0.63	0.06
WID_001_02	5EG	★★	★★★	37%	22%	6.5	0.44	0.51	0.06
WID_001_03	5Gy	★★	★★★	35%	23%	6.5	0.46	0.35	0.06
WID_001_04	6.38CP	★★★	★★★★	47%	39%	5.1	0.39	0.41	0.06
WID_001_05	6Sn	★★☆	★★★★	42%	38%	5.4	0.45	0.47	0.06
WID_001_06	6SnGn	★★★	★★★☆☆	49%	32%	5.4	0.34	0.39	0.06
WID_001_07	6SnAz	★★★☆☆	★★★☆☆	50%	31%	5.4	0.33	0.39	0.06
Aluminium Residential Awning Window - Double Glazed									
WID_001_08	3/6/3	★★☆	★★★★★	40%	49%	4.8	0.51	0.51	0.06
WID_001_09	3/6/4EA	★★★	★★★★★	45%	51%	4.5	0.47	0.47	0.06
WID_001_10	4EG/6/3	★★★☆☆	★★★★	53%	39%	4.8	0.33	0.42	0.06
WID_001_11	4EG/6/4EA	★★★★	★★★★☆	57%	41%	4.5	0.30	0.39	0.06
WID_001_12	4SGy/6/4EA	★★★☆☆	★★★★☆	54%	44%	4.5	0.34	0.29	0.06
Aluminium Residential Double Hung Window - Single Glazed									
WID_003_01	3 Clr	☆	★★☆	12%	19%	6.3	0.74	0.76	1.48
WID_003_02	5EG	★★	★★	34%	9%	6.2	0.50	0.62	1.48
WID_003_03	5Gy	★★	★★	32%	11%	6.2	0.53	0.42	1.48
WID_003_04	6.38CP	★★★	★★★☆☆	47%	30%	4.3	0.44	0.50	1.48
WID_003_05	6Sn	★★☆	★★★☆☆	40%	29%	4.7	0.51	0.57	1.48

WID_003_06	6SnGn	★★★	★★★	50%	22%	4.7	0.38	0.47	1.48
WID_003_07	6SnAz	★★★★☆	★★★☆☆	51%	21%	4.7	0.36	0.47	1.48
Aluminium Residential Double Hung Window - Double Glazed									
WID_003_08	3/6/3	★★	★★★★	35%	38%	4.4	0.60	0.62	1.48
WID_003_09	3/6/4EA	★★☆	★★★★	41%	41%	3.9	0.55	0.57	1.48
WID_003_10	4EG/6/3	★★★★☆	★★★	52%	26%	4.3	0.37	0.51	1.48
WID_003_11	4EG/6/4EA	★★★★	★★★☆☆	57%	29%	3.9	0.34	0.47	1.48
WID_003_12	4SGy/6/4EA	★★★★☆	★★★☆☆	53%	32%	3.9	0.39	0.35	1.48
Aluminium Residential Internal Sliding Door - Single Glazed									
WID_005_01	4Clr	☆	★★★☆☆	14%	19%	6.3	0.72	0.75	0.32
WID_005_02	5EG	★★	★★	35%	9%	6.2	0.49	0.61	0.32
WID_005_03	5Gy	★★	★★	32%	11%	6.2	0.52	0.42	0.32
WID_005_04	6.38CP	★★★	★★★☆☆	48%	31%	4.4	0.43	0.49	0.32
WID_005_05	6Sn	★★☆	★★★☆☆	41%	29%	4.8	0.50	0.57	0.32
WID_005_06	6SnGn	★★★★☆	★★★	50%	22%	4.8	0.37	0.47	0.32
WID_005_07	6SnAz	★★★★☆	★★★☆☆	52%	21%	4.8	0.35	0.47	0.32
Aluminium Residential Internal Sliding Door - Double Glazed									
WID_005_08	4/6/4	★★	★★★★	36%	37%	4.4	0.59	0.62	0.32
WID_005_09	4/6/4EA	★★☆	★★★★	42%	40%	4.0	0.54	0.57	0.32
WID_005_10	4EG/6/4	★★★★☆	★★★	52%	26%	4.4	0.37	0.52	0.32
WID_005_11	4SGy/6/4	★★★	★★★☆☆	49%	32%	4.2	0.43	0.39	0.32
WID_005_12	4EG/6/4EA	★★★★	★★★☆☆	56%	29%	4.0	0.34	0.47	0.32
Aluminium Residential Bi-fold Door - Single Glazed									
WID_002_01	4Clr	★☆☆	★★★☆☆	24%	17%	6.1	0.62	0.64	0.47
WID_002_02	5EG	★★☆	★★	40%	8%	6.1	0.43	0.52	0.47
WID_002_03	5Gy	★★	★★	38%	9%	6.1	0.46	0.36	0.47
WID_002_04	6.38CP	★★★★☆	★★★	51%	26%	4.5	0.38	0.42	0.47
WID_002_05	6Sn	★★★	★★★	45%	25%	4.9	0.44	0.48	0.47
WID_002_06	6SnGn	★★★★☆	★★★☆☆	54%	17%	4.9	0.31	0.40	0.47
WID_002_07	6SnAz	★★★★☆	★★★☆☆	53%	18%	4.9	0.33	0.40	0.47
Aluminium Residential Bi-fold Door - Double Glazed									
WID_002_08	4/6/4	★★☆	★★★☆☆	41%	31%	4.6	0.51	0.53	0.47
WID_002_09	4/6/4EA	★★★	★★★☆☆	46%	34%	4.3	0.47	0.48	0.47
WID_002_10	4EG/6/4	★★★★☆	★★★	50%	24%	4.6	0.38	0.33	0.47
WID_002_11	4SGy/6/4	★★★★☆	★★★☆☆	54%	21%	4.6	0.33	0.44	0.47
WID_002_12	4EG/6/4EA	★★★★	★★★	58%	24%	4.3	0.30	0.40	0.47
Aluminium Residential Entry Frame / Door - Single Glazed									
WID_004_01	4Clr	★☆☆	★★★☆☆	27%	18%	5.9	0.60	0.62	1.97
WID_004_02	5EG	★★☆	★★	42%	8%	5.9	0.41	0.51	1.97
WID_004_03	5Gy	★★☆	★★	40%	10%	5.9	0.44	0.35	1.97
WID_004_04	6.38CP	★★★★☆	★★★	53%	25%	4.3	0.37	0.41	1.97
WID_004_05	6Sn	★★★	★★★	47%	25%	4.7	0.42	0.47	1.97
WID_004_06	6SnGn	★★★★☆	★★★☆☆	54%	18%	4.7	0.31	0.39	1.97
WID_004_07	6SnAz	★★★★	★★★☆☆	55%	17%	4.7	0.30	0.39	1.97
Aluminium Residential Entry Frame / Door - Double Glazed									
WID_004_08	4/6/4	★★☆	★★★☆☆	43%	31%	4.4	0.49	0.51	1.97
WID_004_09	4/6/4EA	★★★	★★★☆☆	48%	33%	4.1	0.45	0.47	1.97
WID_004_10	4EG/6/4	★★★★	★★★☆☆	56%	21%	4.4	0.31	0.42	1.97
WID_004_11	4SGy/6/4	★★★★☆	★★★	52%	24%	4.4	0.36	0.32	1.97
WID_004_12	4EG/6/4EA	★★★★	★★★	59%	23%	4.1	0.28	0.39	1.97

Aluminium Architectural Paragon Entry Door, Open In - Single Glazed									
WID_007_01	5Clr	☆☆	☆☆☆	31%	18%	5.9	0.56	0.58	0.57
WID_007_02	5Gy	☆☆☆	☆☆	43%	9%	5.9	0.39	0.48	0.57
WID_007_03	5EG	☆☆☆	☆☆	42%	10%	5.9	0.42	0.33	0.57
WID_007_04	6.38CP	☆☆☆☆	☆☆☆	53%	25%	4.4	0.35	0.38	0.57
Aluminium Architectural Paragon Entry Door, Open In - Double Glazed									
WID_007_05	4/6/4	☆☆☆	☆☆☆☆	44%	35%	4.3	0.50	0.52	0.57
WID_007_06	4/6/4EA	☆☆☆	☆☆☆☆	48%	37%	3.9	0.46	0.48	0.57
WID_007_07	5/6/5	☆☆☆	☆☆☆☆	45%	34%	4.3	0.48	0.51	0.57
WID_007_08	5/6/5EA	☆☆☆	☆☆☆☆	49%	37%	3.9	0.45	0.48	0.57
WID_007_09	4/12/4	☆☆☆	☆☆☆☆	46%	36%	4.1	0.48	0.50	0.57
WID_007_10	4/12/4EA	☆☆☆☆	☆☆☆☆	50%	40%	3.6	0.45	0.46	0.57
WID_007_11	5/12/5	☆☆☆	☆☆☆☆	47%	36%	4.1	0.47	0.49	0.57
WID_007_12	5/12/5EA	☆☆☆☆	☆☆☆☆	51%	40%	3.6	0.44	0.46	0.57
Aluminium Architectural Paragon Awning Window - Single Glazed									
WID_009_01	5Clr	☆☆	☆☆☆	31%	17%	7.1	0.49	0.47	0.30
WID_009_02	5Gy	☆☆☆	☆☆☆	40%	10%	7.1	0.36	0.39	0.30
WID_009_03	5EG	☆☆☆	☆☆☆	39%	11%	7.1	0.38	0.27	0.30
WID_009_04	6.38CP	☆☆☆	☆☆☆	47%	23%	6.0	0.33	0.31	0.30
Aluminium Architectural Paragon Awning Window - Double Glazed									
WID_009_05	4/6/4	☆☆☆	☆☆☆☆☆	39%	55%	4.4	0.55	0.57	0.30
WID_009_06	4/6/4EA	☆☆☆	☆☆☆☆☆	44%	58%	4.0	0.51	0.52	0.30
WID_009_07	5/6/5	☆☆☆	☆☆☆☆☆	40%	55%	4.4	0.53	0.56	0.30
WID_009_08	5/6/5EA	☆☆☆	☆☆☆☆☆	45%	58%	4.0	0.50	0.52	0.30
WID_009_09	4/12/4	☆☆☆	☆☆☆☆☆	41%	57%	4.2	0.53	0.55	0.30
WID_009_10	4/12/4EA	☆☆☆	☆☆☆☆☆	46%	61%	3.7	0.50	0.50	0.30
WID_009_11	5/12/5	☆☆☆	☆☆☆☆☆	42%	56%	4.2	0.52	0.54	0.30
WID_009_12	5/12/5EA	☆☆☆	☆☆☆☆☆	47%	61%	3.7	0.49	0.50	0.30
Aluminium Architectural Paragon Bi-Fold Door - Single Glazed									
WID_008_01	5Clr	☆☆	☆☆☆	27%	17%	6.0	0.59	0.61	0.38
WID_008_02	5Gy	☆☆☆	☆☆	41%	8%	6.0	0.41	0.50	0.38
WID_008_03	5EG	☆☆☆	☆☆	39%	9%	6.0	0.44	0.34	0.38
WID_008_04	6.38CP	☆☆☆☆	☆☆☆	52%	25%	4.5	0.37	0.40	0.38
Aluminium Architectural Paragon Bi-Fold Door - Double Glazed									
WID_008_05	4/6/4	☆☆☆	☆☆☆☆	42%	35%	4.4	0.52	0.54	0.38
WID_008_06	4/6/4EA	☆☆☆	☆☆☆☆	47%	37%	4.0	0.48	0.49	0.38
WID_008_07	5/6/5	☆☆☆	☆☆☆☆	43%	34%	4.3	0.50	0.53	0.38
WID_008_08	5/6/5EA	☆☆☆	☆☆☆☆	47%	37%	4.0	0.47	0.49	0.38
WID_008_09	4/12/4	☆☆☆	☆☆☆☆	44%	37%	4.2	0.50	0.52	0.38
WID_008_10	4/12/4EA	☆☆☆	☆☆☆☆	49%	41%	3.7	0.47	0.48	0.38
WID_008_11	5/12/5	☆☆☆	☆☆☆☆	45%	36%	4.1	0.49	0.51	0.38
WID_008_12	5/12/5EA	☆☆☆	☆☆☆☆	49%	40%	3.7	0.46	0.48	0.38
Aluminium Architectural Paragon 2 Lite Sliding Door - Single Glazed									
WID_010_01	5Clr	☆☆	☆☆☆	24%	15%	6.3	0.62	0.65	0.23
WID_010_02	5Gy	☆☆☆	☆☆	39%	6%	6.3	0.43	0.53	0.23
WID_010_03	5EG	☆☆	☆☆	37%	7%	6.3	0.46	0.37	0.23
WID_010_04	6.38CP	☆☆☆☆	☆☆☆	50%	24%	4.7	0.38	0.43	0.23
WID_010_05	4/6/4	☆☆☆	☆☆☆☆	39%	35%	4.5	0.54	0.58	0.23
Aluminium Architectural Paragon 2 Lite Sliding Door - Double Glazed									
WID_010_06	4/6/4EA	☆☆☆	☆☆☆☆	44%	38%	4.1	0.50	0.53	0.23

WID_010_07	5/6/5	★★☆	★★★★☆	40%	34%	4.5	0.53	0.57	0.23
WID_010_08	5/6/5EA	★★★	★★★★	45%	37%	4.1	0.50	0.53	0.23
WID_010_09	4/12/4	★★☆	★★★★	41%	37%	4.3	0.53	0.56	0.23
WID_010_10	4/12/4EA	★★★	★★★★☆	47%	41%	3.7	0.50	0.51	0.23
WID_010_11	5/12/5	★★☆	★★★★	42%	36%	4.2	0.52	0.55	0.23
WID_010_12	5/12/5EA	★★★	★★★★	47%	41%	3.7	0.49	0.51	0.23
Aluminium Architectural Paragon 3 Lite Sliding Stacker Door - Single Glazed									
WID_011_01	5Clr	★	★★☆	23%	15%	6.3	0.63	0.65	0.39
WID_011_02	5Gy	★★☆	★★☆	38%	6%	6.3	0.44	0.53	0.39
WID_011_03	5EG	★★	★★	36%	8%	6.3	0.47	0.37	0.39
WID_011_04	6.38CP	★★★	★★★	50%	24%	4.7	0.39	0.43	0.39
Aluminium Architectural Paragon 3 Lite Sliding Stacker Door - Double Glazed									
WID_011_05	4/6/4	★★☆	★★★★☆	39%	35%	4.5	0.54	0.58	0.39
WID_011_06	4/6/4EA	★★★☆	★★★★☆	53%	30%	4.1	0.37	0.33	0.39
WID_011_07	5/6/5	★★☆	★★★★☆	40%	34%	4.5	0.54	0.57	0.39
WID_011_08	5/6/5EA	★★☆	★★★★	44%	37%	4.1	0.50	0.53	0.39
WID_011_09	4/12/4	★★☆	★★★★	41%	37%	4.3	0.54	0.56	0.39
WID_011_10	4/12/4EA	★★★	★★★★☆	46%	42%	3.7	0.50	0.51	0.39
WID_011_11	5/12/5	★★☆	★★★★	42%	37%	4.2	0.52	0.55	0.39
WID_011_12	5/12/5EA	★★★	★★★★	47%	41%	3.7	0.49	0.51	0.39