

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_{gw}) 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.

16-May-08

Altralite Windows & Doors Supplier of Capral Products				%	%	Total Window System Values - NFRC			
Window ID	Glazing	Cooling Stars	Heating Stars			Uw	SHGCw	Tvw	Air Inf.
Genesis Sliding Window - Single Glazed									
CAP_001_01	4Clr	★	★★★	16%	15%	6.5	0.69	0.72	1.26
CAP_001_02	6SpGy	★★★★		48%	-5%	6.4	0.29	0.07	1.26
CAP_001_03	6AzTS21	★★★★☆	★★★	55%	1%	5.7	0.24	0.12	1.26
CAP_001_04	6.38CP	★★★★	★★★★	47%	25%	4.7	0.42	0.47	1.26
Genesis Sliding Door - Single Glazed									
CAP_002_01	6SpGy	★★★★		49%	0%	6.1	0.29	0.07	0.51
CAP_002_02	6.38DLam	★	★★★	21%	20%	6.0	0.66	0.72	0.51
CAP_002_03	6AzTS21	★★★★★	★★★	57%	6%	5.4	0.23	0.13	0.51
CAP_002_04	6.38CP	★★★★	★★★★★	49%	30%	4.3	0.42	0.48	0.51
Genesis Folding Window - Single Glazed									
CAP_003_01	4Clr	★★	★★★	28%	15%	6.2	0.58	0.59	0.41
CAP_003_02	6SpGy	★★★★☆		52%	-3%	6.1	0.25	0.06	0.41
CAP_003_03	6AzTS21	★★★★★	★★★	58%	2%	5.5	0.21	0.10	0.41
CAP_003_04	6.38CP	★★★★☆	★★★★	52%	23%	4.7	0.36	0.39	0.41
Genesis Folding Door - Single Glazed									
CAP_004_01	6SpGy	★★★★☆	★★★	52%	1%	5.9	0.26	0.06	0.10
CAP_004_02	6.38DLam	★★	★★★	29%	19%	5.9	0.58	0.63	0.10
CAP_004_03	6AzTS21	★★★★★	★★★	58%	6%	5.3	0.21	0.11	0.10
CAP_004_04	6.38CP	★★★★☆	★★★★	52%	28%	4.4	0.38	0.42	0.10
Genesis Double Hung Window - Single Glazed									
CAP_005_01	4Clr	★	★★	21%	13%	6.5	0.64	0.66	0.93
CAP_005_02	6SpGy	★★★★		49%	-6%	6.4	0.27	0.06	0.93
CAP_005_03	6AzTS21	★★★★★	★★★	55%	0%	5.7	0.22	0.12	0.93
CAP_005_04	6.38CP	★★★★	★★★★	48%	23%	4.8	0.39	0.44	0.93
Genesis Awning Window - Single Glazed									
CAP_006_01	4Clr	★★	★★★★★	24%	29%	6.6	0.59	0.60	0.00
CAP_006_02	6SpGy	★★★★	★★★★	49%	12%	6.5	0.27	0.06	0.00
CAP_006_03	6AzTS21	★★★★☆	★★★★	54%	17%	6.0	0.22	0.10	0.00
CAP_006_04	6.38CP	★★★★	★★★★★	48%	37%	5.2	0.38	0.39	0.00
Genesis 80mm Entry Door - Single Glazed									
CAP_007_01	6SpGy	★★★★☆	★★★	52%	0%	5.9	0.26	0.06	0.29
CAP_007_02	6.38DLam	★★	★★★	30%	18%	5.9	0.57	0.62	0.29
CAP_007_03	6AzTS21	★★★★★	★★★	58%	6%	5.3	0.21	0.11	0.29
CAP_007_04	6.38CP	★★★★☆	★★★★	52%	27%	4.4	0.37	0.41	0.29

Genesis 125mm Entry Door - Single Glazed									
CAP_009_01	6SpGy	★★★★☆	★★☆	53%	1%	5.8	0.25	0.06	0.58
CAP_009_02	6.38DLam	★★☆	★★★☆☆	30%	19%	5.8	0.57	0.63	0.58
CAP_009_03	6AzTS21	★★★★★	★★☆	59%	6%	5.2	0.20	0.11	0.58
CAP_009_04	6.38CP	★★★★☆	★★★★★	53%	28%	4.3	0.37	0.42	0.58
Euro Tilt and Turn Window - Single Glazed									
CAP_010_01	4Clr	★★	★★★★☆	32%	30%	6.3	0.52	0.51	0.28
CAP_010_02	6SpGy	★★★★☆	★★★☆☆	52%	14%	6.2	0.23	0.05	0.28
CAP_010_03	6AzTS21	★★★★★	★★★★★	57%	19%	5.7	0.20	0.09	0.28
CAP_010_04	6.38CP	★★★★☆	★★★★★	52%	36%	5.0	0.33	0.34	0.28
Euro Tilt and Slide Window - Single Glazed									
CAP_011_01	4Clr	★	★★★★☆	23%	31%	6.5	0.62	0.62	0.41
CAP_011_02	6SpGy	★★★★	★★★☆☆	49%	13%	6.5	0.27	0.06	0.41
CAP_011_03	6AzTS21	★★★★☆	★★★★★	55%	18%	5.9	0.22	0.11	0.41
CAP_011_04	6.38CP	★★★★	★★★★★	48%	39%	5.0	0.39	0.41	0.41
Euro Fixed Light Window - Single Glazed									
CAP_012_01	4Clr	★	★★★☆☆	16%	22%	6.1	0.71	0.73	0.14
CAP_012_02	6SpGy	★★★★	★★☆	49%	2%	6.0	0.30	0.07	0.14
CAP_012_03	6AzTS21	★★★★★	★★★☆☆	56%	9%	5.3	0.24	0.13	0.14
CAP_012_04	6.38CP	★★★★	★★★★☆	49%	33%	4.2	0.43	0.48	0.14
Euro Casement Window - Single Glazed									
CAP_013_01	4Clr	★★	★★★★☆	33%	29%	6.3	0.51	0.50	0.26
CAP_013_02	6SpGy	★★★★☆	★★★☆☆	52%	13%	6.3	0.23	0.05	0.26
CAP_013_03	6AzTS21	★★★★★	★★★☆☆	57%	18%	5.8	0.19	0.09	0.26
CAP_013_04	6.38CP	★★★★☆	★★★★★	52%	35%	5.1	0.32	0.33	0.26
Euro Tilt and Slide Window - Double Glazed									
CAP_015_01	6/12/6	★★★☆☆	★★★★★☆☆	42%	56%	4.3	0.52	0.55	0.41
CAP_015_02	6SpGy/12Ar/6	★★★☆☆	★★★★★☆☆	44%	55%	4.2	0.50	0.55	0.41
CAP_015_03	6EA/12Ar/6	★★★★★☆☆	★★★★★☆☆	67%	36%	4.2	0.17	0.05	0.41
CAP_015_04	6.38DLam/12/6.38DLam	★★★★	★★★★★☆☆	50%	60%	3.6	0.46	0.51	0.41
Euro Fixed Light Window - Double Glazed									
CAP_016_01	6/12/6	★★★☆☆	★★★★★☆☆	40%	49%	3.5	0.59	0.65	0.14
CAP_016_02	6SpGy/12Ar/6	★★★☆☆	★★★★★☆☆	42%	48%	3.4	0.57	0.65	0.14
CAP_016_03	6EA/12Ar/6	★★★★★☆☆	★★★★★☆☆	70%	27%	3.4	0.18	0.06	0.14
CAP_016_04	6.38DLam/12/6.38DLam	★★★★	★★★★★☆☆	50%	55%	2.7	0.52	0.60	0.14
Euro Casement Window - Double Glazed									
CAP_017_01	6/12/6	★★★★	★★★★★☆☆	48%	49%	4.5	0.43	0.44	0.26
CAP_017_02	6SpGy/12Ar/6	★★★★	★★★★★☆☆	49%	48%	4.4	0.41	0.44	0.26
CAP_017_03	6EA/12Ar/6	★★★★★☆☆	★★★★★☆☆	67%	32%	4.4	0.15	0.04	0.26
CAP_017_04	6.38DLam/12/6.38DLam	★★★★☆	★★★★★☆☆	54%	52%	3.9	0.38	0.41	0.26
Genesis Sliding Door - Double Glazed									
CAP_018_01	6/6/6	★★	★★★★★☆☆	37%	41%	4.1	0.59	0.64	0.51
CAP_018_02	6SpGy/6Ar/6	★★★☆☆	★★★★★☆☆	40%	40%	4.1	0.56	0.64	0.51
CAP_018_03	6EA/6Ar/6	★★★★★☆☆	★★★☆☆	67%	21%	3.9	0.19	0.06	0.51
CAP_018_04	6.38DLam/6/6.38DLam	★★★★	★★★★★☆☆	46%	46%	3.4	0.52	0.60	0.51
Genesis Folding Window - Double Glazed									
CAP_020_01	4/10/4	★★★☆☆	★★★★★☆☆	42%	36%	4.2	0.52	0.54	0.41
CAP_020_02	6SpGy/6Ar/6	★★★★★☆☆	★★★☆☆	66%	15%	4.3	0.17	0.05	0.41
CAP_020_03	6EA/6Ar/6	★★★★☆	★★★★★☆☆	50%	37%	3.8	0.43	0.49	0.41

Genesis Double Hung Window - Double Glazed									
CAP_021_01	4/10/4	★★☆	★★★★	38%	38%	4.3	0.57	0.59	0.93
CAP_021_02	6SpGy/6Ar/6	★★★★★	★★★☆☆	65%	15%	4.3	0.18	0.06	0.93
CAP_021_03	6EA/6Ar/6	★★★	★★★★	47%	39%	3.8	0.48	0.54	0.93
Genesis Awning Window - Double Glazed									
CAP_022_01	4/10/4	★★☆	★★★★★	40%	54%	4.5	0.53	0.54	0.00
CAP_022_02	6SpGy/6Ar/6	★★★★☆	★★★★☆	64%	33%	4.5	0.18	0.05	0.00
CAP_022_03	6EA/6Ar/6	★★★	★★★★★	48%	54%	4.1	0.44	0.49	0.00
BST Aluminium Sliding Window - Single Glazed									
CAS_001_01	3Clr	☆	★★★☆☆	10%	17%	6.5	0.75	0.77	1.30
CAS_001_02	4EG	★★	★★★☆☆	33%	6%	6.4	0.50	0.63	1.30
CAS_001_03	4EA	★★	★★★★	32%	36%	4.6	0.62	0.70	1.30
CAS_001_04	6.38CP	★★★	★★★★	46%	28%	4.5	0.45	0.50	1.30
1C Aluminium Sliding Window - Single Glazed									
CAS_003_01	3Clr	☆	★★★☆☆	8%	18%	6.4	0.76	0.78	0.90
CAS_003_02	4EA	★★	★★★★	31%	38%	4.5	0.63	0.72	0.90
CAS_003_03	6.38CP	★★★	★★★★☆	46%	30%	4.5	0.46	0.51	0.90
Mk7 Aluminium Sliding Window - Single/Double Glazed									
CAS_004_01	3Clr	☆	★★★☆☆	9%	16%	6.5	0.75	0.77	2.10
CAS_004_02	4EA	★★	★★★★	32%	35%	4.6	0.62	0.70	2.10
CAS_004_03	6.38CP	★★★	★★★★	46%	28%	4.5	0.45	0.50	2.10
CAS_004_04	6.38CP/8Ar/3	★★★★	★★★★	57%	37%	3.4	0.37	0.44	2.10
CAS_004_05	3/10/3	★★	★★★★★☆☆	33%	42%	4.1	0.64	0.66	2.10
CAS_004_06	3/10Ar/3EA	★★☆	★★★★★	40%	50%	3.3	0.60	0.61	2.10
Mk10 Aluminium Awning Window - Double Glazed									
CAS_005_01	6.38CP/8Ar/3	★★★★	★★★★★	58%	54%	3.6	0.34	0.39	0.29
CAS_005_02	3/10/3	★★	★★★★★☆☆	38%	59%	4.2	0.58	0.59	0.29
CAS_005_03	3/10Ar/3EA	★★☆	★★★★★	44%	66%	3.5	0.54	0.54	0.29
Mk15 Aluminium Awning Window - Double Glazed									
CAS_006_01	6.38CP/8Ar/3	★★★★	★★★★★☆☆	59%	55%	3.5	0.34	0.38	0.29
CAS_006_02	3/10/3	★★☆	★★★★★	39%	62%	4.0	0.57	0.58	0.29
CAS_006_03	3/10Ar/4EA	★★★	★★★★★	45%	67%	3.4	0.54	0.54	0.29
Aluminium Awning Window - Single Glazed									
CAS_007_01	3Clr	★★	★★★★☆	26%	31%	6.4	0.59	0.58	0.07
CAS_007_02	4EA	★★☆	★★★★☆	41%	45%	5.0	0.49	0.53	0.07
CAS_007_03	6.38CP	★★★	★★★★	50%	39%	5.0	0.37	0.38	0.07
9000 Series Aluminium Awning Window - Single Glazed									
CAS_009_01	3Clr	★	★★★★☆	19%	29%	6.8	0.64	0.64	0.09
CAS_009_02	4EA	★★	★★★★★☆☆	36%	44%	5.3	0.54	0.58	0.09
CAS_009_03	6.38CP	★★★	★★★★	46%	38%	5.2	0.40	0.42	0.09
AMP Aluminium Double Hung Window - Single Glazed									
CAS_010_01	3Clr	☆	★★★☆☆	13%	17%	6.2	0.73	0.75	3.40
CAS_010_02	4EA	★★	★★★★	35%	36%	4.4	0.60	0.68	3.40
CAS_010_03	6.38CP	★★★	★★★★	48%	28%	4.3	0.43	0.49	3.40
Mk10 Aluminium Awning Window - Single Glazed									
CAS_012_01	3Clr	★	★★★★☆	20%	31%	6.6	0.65	0.65	0.29
CAS_012_02	4EA	★★	★★★★★☆☆	37%	47%	5.0	0.54	0.59	0.29
CAS_012_03	6.38CP	★★★	★★★★	47%	41%	5.0	0.40	0.43	0.29
Mk5C Aluminium Sliding Door - Single Glazed									
CAS_016_01	5Clr	★	★★★☆☆	15%	19%	6.2	0.71	0.75	1.47
CAS_016_02	5EA	★★	★★★★	35%	39%	4.3	0.61	0.69	1.47
CAS_016_03	6.38CP	★★★	★★★★☆	48%	30%	4.3	0.43	0.49	1.47

Mk5C Aluminium Sliding Door - Double Glazed									
CAS_017_01	5/6/5	★★	★★★★	36%	39%	4.2	0.59	0.64	1.47
CAS_017_02	5EG/6/5EA	★★★★	★★★★☆	56%	31%	3.8	0.35	0.49	1.47
CAS_017_03	5/6/5EA	★★☆	★★★★☆	42%	42%	3.8	0.55	0.59	1.47
9000 Series Aluminium Awning Window - Double Glazed									
CAS_018_01	3/12/3	★★☆	★★★★☆	39%	57%	4.3	0.56	0.56	0.09
CAS_018_02	3/12Ar/4EA	★★★★	★★★★★	45%	64%	3.6	0.52	0.51	0.09
CAS_018_03	6.38CP/8Ar/3	★★★★	★★★★★	58%	52%	3.8	0.33	0.37	0.09
Aluminium Casement Window - Double Glazed									
CAS_019_01	3/12/3	★★☆	★★★★☆	43%	59%	4.1	0.53	0.53	0.09
CAS_019_02	3/12Ar/4EA	★★★★	★★★★★	48%	64%	3.4	0.49	0.49	0.09
CAS_019_03	6.38CP/8Ar/3	★★★★	★★★★★	60%	53%	3.6	0.31	0.35	0.09
Platinum Sliding Door - Double Glazed									
CAS_020_01	5/6/5	★	★★★★	39%	41%	3.9	0.58	0.63	2.81
CAS_020_02	6/12/6EA	★★☆	★★★★☆	44%	46%	3.3	0.55	0.59	2.81
CAS_020_03	6.38/12/6	★★★★	★★★★★	58%	36%	3.3	0.36	0.42	2.81
CAS_020_04	6EG/12/6EA	★★★★☆	★★★★☆	63%	32%	3.3	0.29	0.44	2.81
Platinum Sliding Door - Single Glazed									
CAS_029_01	5Clr	★	★★☆	17%	15%	6.3	0.68	0.72	2.81
CAS_029_02	5EA	★★	★★★	35%	34%	4.5	0.58	0.67	2.81
CAS_029_03	6.38CP	★★★★	★★★★★	48%	26%	4.5	0.42	0.48	2.81
CAS_029_04	5EG	★★	★★☆	36%	5%	6.3	0.47	0.59	2.81
CAS_029_05	5Gy	★★	★★	33%	7%	6.3	0.51	0.41	2.81
Platinum French Door: Open-out - Single Glazed									
CAS_030_01	5CI	★★☆	★★	26%	13%	6.2	0.60	0.61	1.91
CAS_030_02	5EA	★★☆	★★★★☆	40%	28%	4.8	0.52	0.56	1.91
CAS_030_03	6.38CP	★★★★	★★★★☆	50%	21%	4.7	0.38	0.40	1.91
CAS_030_04	5EG	★★☆	★★☆	40%	4%	6.2	0.42	0.50	1.91
CAS_030_05	5Gy	★★	★★☆	38%	5%	6.2	0.45	0.34	1.91
Platinum French Door: Open-out - Double Glazed									
CAS_031_01	6/12/6	★★☆	★★★★☆	43%	34%	4.3	0.51	0.53	1.91
CAS_031_02	6/12/6EA	★★★★	★★★★★	47%	39%	3.8	0.48	0.50	1.91
CAS_031_03	6.38CP/12/6	★★★★	★★★★★	58%	30%	3.8	0.33	0.36	1.91
CAS_031_04	6EG/12/6EA	★★★★☆	★★★★	62%	26%	3.8	0.27	0.37	1.91
Platinum Bi- Fold Door - Single Glazed									
CAS_32_01	5Clr	★★☆	★★☆	26%	15%	6.1	0.60	0.61	1.37
CAS_32_02	5EA	★★☆	★★★★☆	41%	31%	4.6	0.51	0.57	1.37
CAS_32_03	6.38CP	★★★★☆	★★★★★	51%	23%	4.6	0.37	0.40	1.37
CAS_32_04	5EG	★★☆	★★☆	40%	6%	6.1	0.42	0.50	1.37
CAS_32_05	5Gy	★★☆	★★	38%	8%	6.1	0.45	0.35	1.37
Platinum Bi-Fold Door - Double Glazed									
CAS_33_01	6/12/6	★★☆	★★★★★	43%	36%	4.1	0.51	0.54	1.37
CAS_33_02	6/12/6EA	★★★★	★★★★★	48%	41%	3.6	0.49	0.50	1.37
CAS_33_03	6.38CP/12/6	★★★★	★★★★☆	59%	32%	3.6	0.33	0.36	1.37
CAS_33_04	6EG/12/6EA	★★★★☆	★★★★	63%	28%	3.6	0.27	0.37	1.37
Platinum Fixed Light - Single Glazed									
CAS_041_01	5Clr	☆	★★☆	12%	18%	6.4	0.73	0.77	0.22
CAS_041_02	5EA	★★	★★★★	32%	38%	4.5	0.63	0.72	0.22
CAS_041_03	6.38CP	★★★★	★★★★☆	46%	30%	4.5	0.45	0.51	0.22
CAS_041_04	5EG	★★	★★	33%	8%	6.4	0.51	0.63	0.22
CAS_041_05	5Gy	★★☆	★★	30%	10%	6.4	0.54	0.44	0.22

Platinum Fixed Light - Double Glazed									
CAS_42_01	6/12/6	★★	★★★★☆	36%	47%	3.7	0.62	0.68	0.22
CAS_42_02	6/12/6EA	★★☆	★★★★★	42%	53%	3.1	0.59	0.63	0.22
CAS_42_03	6.38CP/12/6	★★★★	★★★★☆	58%	43%	3.1	0.39	0.45	0.22
CAS_42_04	6EG/12/6EA	★★★★☆	★★★★★	63%	39%	3.1	0.31	0.47	0.22
Platinum Large Casement - Single Glazed									
CAS_057_01	3Clr	☆☆	★★★	26%	25%	6.8	0.57	0.55	0.22
CAS_057_02	4EA	★★☆	★★★★★	39%	38%	5.5	0.48	0.50	0.22
CAS_057_03	6.38CP	★★★	★★★★☆	48%	32%	5.5	0.35	0.36	0.22
Platinum Large Casement - Double Glazed									
CAS_058_01	6/12/6	★★☆	★★★★☆	44%	48%	4.7	0.47	0.48	0.22
CAS_058_02	6/12/6EA	★★★★	★★★★★	47%	51%	4.3	0.45	0.45	0.22
CAS_058_03	6.38CP/12/6	★★★★	★★★★☆	57%	44%	4.3	0.30	0.32	0.22
CAS_058_04	6EG/12/6EA	★★★★☆	★★★★★	61%	40%	4.3	0.25	0.33	0.22
Platinum Large Awning - Single Glazed									
CAS_059_01	3Clr	☆☆	★★★	24%	20%	7.1	0.57	0.55	0.81
CAS_059_02	4EA	★★	★★★★☆	37%	33%	5.9	0.48	0.50	0.81
CAS_059_03	6.38CP	★★★	★★★★☆	46%	27%	5.8	0.36	0.36	0.81
Platinum Large Awning - Double Glazed									
CAS_060_01	6/12/6	★★☆	★★★★☆	43%	47%	4.8	0.47	0.48	0.81
CAS_060_02	6/12/6EA	★★★★	★★★★★	47%	51%	4.3	0.45	0.45	0.81
CAS_060_03	6.38CP/12/6	★★★★	★★★★☆	57%	43%	4.3	0.30	0.32	0.81
CAS_060_04	6EG/12/6EA	★★★★☆	★★★★★	60%	40%	4.3	0.25	0.33	0.81