

# 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.m<sup>2</sup> 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

Albany Windows Supplier of Wintec Aluminium Products				%	%	Total Window System Values - NFRC			
Window ID	Glazing	Cooling Stars	Heating Stars			Uw	SHGCw	Tvw	Air Inf.
<b>48mm Aluminium Sliding Window - Single Glazed</b>									
WAS_001_01	3Clr	☆	★★☆	8%	18%	6.475	0.77	0.79	0.13
WAS_001_02	4Clr	☆	★★☆	10%	18%	6.434	0.75	0.78	0.13
WAS_001_03	4EG	★★	★★	32%	8%	6.435	0.51	0.65	0.13
WAS_001_04	6.38DLam	☆	★★☆	13%	19%	6.304	0.72	0.78	0.13
WAS_001_05	6.38CP	★★★	★★★☆	46%	30%	4.504	0.46	0.52	0.13
<b>48mm Direct Aluminium Sliding Window - Double Glazed</b>									
WAS_002_01	3/6/3	☆☆	★★★★☆	29%	46%	4.024	0.68	0.71	0.13
<b>48mm Aluminium Sliding Window - Double Glazed</b>									
WAS_003_01	4/8/4	★★	★★★★☆	35%	43%	4.096	0.62	0.66	0.13
WAS_003_02	4EG/8/4	★★★★☆	★★★★☆	52%	32%	4.096	0.39	0.55	0.13
WAS_003_03	4EG/10/4EA	★★★★	★★★★	59%	37%	3.384	0.35	0.50	0.13
<b>300 Series Aluminium Sliding Window - Double Glazed</b>									
WAS_004_01	4/8/4	★★	★★★★☆	35%	43%	4.044	0.62	0.66	0.78
WAS_004_02	4EG/8/4	★★★★☆	★★★★☆	52%	32%	4.044	0.39	0.55	0.78
WAS_004_03	4EG/10/4EA	★★★★	★★★★	59%	37%	3.326	0.35	0.50	0.78
<b>Aluminium Sliding Door - Single Glazed</b>									
WAS_005_01	6.38DLam	★	★★★	15%	22%	6.014	0.72	0.78	0.76
WAS_005_02	6.38DLamGy	★★	★★☆	31%	16%	5.957	0.55	0.39	0.76
WAS_005_03	6.38CP	★★★	★★★★☆	48%	34%	4.15	0.45	0.52	0.76
<b>Aluminium Sliding Door - Double Glazed</b>									
WAS_006_01	4/10/4	★★	★★★★☆	34%	47%	3.808	0.64	0.69	0.76
WAS_006_02	4EG/10/4	★★★★☆	★★★★	53%	35%	3.809	0.40	0.57	0.76
WAS_006_03	4EG/10/4EA	★★★★	★★★★	59%	40%	3.181	0.36	0.53	0.76
WAS_006_04	6.38CP/8/4	★★★★	★★★★	56%	40%	3.341	0.39	0.46	0.76
<b>Aluminium Awning Window - Double Glazed</b>									
WAS_007_01	4/8/4	★★☆	★★★★☆	39%	57%	4.309	0.56	0.58	0.28
WAS_007_02	4EG/8/4	★★★★☆	★★★★☆	53%	47%	4.308	0.36	0.48	0.28
WAS_007_03	4EG/10/4EA	★★★★	★★★★	59%	52%	3.672	0.32	0.44	0.28
<b>Aluminium Casement Window - Double Glazed</b>									
WAS_008_01	4/8/4	★★☆	★★★★☆	40%	60%	4.012	0.56	0.58	0.42

WAS_008_02	4EG/8/4	★★★★☆	★★★★★	55%	50%	4.012	0.35	0.48	0.42
WAS_008_03	4EG/10/4EA	★★★★☆	★★★★★☆	61%	55%	3.394	0.31	0.45	0.42
<b>Aluminium Double Hung Window - Double Glazed</b>									
WAS_009_01	4/8/4	★★	★★★★☆	37%	34%	4.38	0.57	0.61	3.57
WAS_009_02	4EG/8/4	★★★★☆	★★★	52%	23%	4.38	0.36	0.50	3.57
WAS_009_03	4EG/10/4EA	★★★★	★★★	58%	28%	3.774	0.32	0.46	3.57
<b>48mm Aluminium Fixed Window - Single Glazed</b>									
WAS_010_01	3Clr	☆	★★★	8%	27%	5.933	0.78	0.82	
WAS_010_02	4Clr	★★	★★☆	33%	16%	5.934	0.53	0.68	
WAS_010_03	4EG	☆	★★★	12%	27%	5.804	0.75	0.82	
WAS_010_04	6.38DLam	★★★	★★★★★	48%	39%	3.859	0.47	0.54	
WAS_010_05	6.38CP	★	★						