

## Commercial - AFRC

### NOTES

1.  $U_w$  is the whole window U-value
2. SHGC<sub>w</sub> is the whole window solar heat gain coefficient
3.  $T_{vw}$  is the whole window visible (light) transmittance
4. 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
5. Static performance ( $U_w$  SHGC<sub>w</sub>  $T_{vw}$   $T_{dw}$ ) calculated using Window 5.2 and Therm 5.2 software (LBNL), 2000-2003
6. Results disclosed at National Fenestration Rating Council (NFRC) regulations.
7. Ratings for use with Section J of the Building Code of Australia - Class 2-9

Wintec Aluminium		Total Window - NFRC			
Updated - 19-May-09					
Window ID	Glazing	$U_w$	SHGC	$T_{vw}$	Air Inf.
<b>48mm Aluminium Sliding Window - Single Glazed</b>					
WAS-001-01	<a href="#">3Clr</a>	6.5	0.77	0.79	0.13
WAS-001-02	<a href="#">4Clr</a>	6.4	0.75	0.78	0.13
WAS-001-03	<a href="#">4EG</a>	6.4	0.51	0.65	0.13
WAS-001-04	<a href="#">6.38DLam</a>	6.3	0.72	0.78	0.13
WAS-001-05	<a href="#">6.38CP</a>	4.5	0.46	0.52	0.13
<b>48mm Direct Aluminium Sliding Window - Double Glazed</b>					
WAS-002-01	<a href="#">3/6/3</a>	4.0	0.68	0.71	0.13
<b>48mm Aluminium Sliding Window - Double Glazed</b>					
WAS-003-01	<a href="#">4/8/4</a>	4.1	0.62	0.66	0.13
WAS-003-02	<a href="#">4EG/8/4</a>	4.1	0.39	0.55	0.13
WAS-003-03	<a href="#">4EG/10/4EA</a>	3.4	0.35	0.50	0.13
<b>300 Series Aluminium Sliding Window - Double Glazed</b>					
WAS-004-01	<a href="#">4/8/4</a>	4.0	0.62	0.66	0.78
WAS-004-02	<a href="#">4EG/8/4</a>	4.0	0.39	0.55	0.78
WAS-004-03	<a href="#">4EG/10/4EA</a>	3.3	0.35	0.50	0.78
<b>Aluminium Sliding Door - Single Glazed</b>					
WAS-005-01	<a href="#">6.38DLam</a>	6.0	0.72	0.78	0.76
WAS-005-02	<a href="#">6.38DLamGy</a>	6.0	0.55	0.39	0.76
WAS-005-03	<a href="#">6.38CP</a>	4.2	0.45	0.52	0.76
<b>Aluminium Sliding Door - Double Glazed</b>					
WAS-006-01	<a href="#">4/10/4</a>	3.8	0.64	0.69	0.76
WAS-006-02	<a href="#">4EG/10/4</a>	3.8	0.40	0.57	0.76
WAS-006-03	<a href="#">4EG/10/4EA</a>	3.2	0.36	0.53	0.76
WAS-006-04	<a href="#">6.38CP/8/4</a>	3.3	0.39	0.46	0.76
<b>Aluminium Awning Window - Double Glazed</b>					
WAS-007-01	<a href="#">4/8/4</a>	4.3	0.56	0.58	0.28
WAS-007-02	<a href="#">4EG/8/4</a>	4.3	0.36	0.48	0.28
WAS-007-03	<a href="#">4EG/10/4EA</a>	3.7	0.32	0.44	0.28

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<b>Aluminium Casement Window - Double Glazed</b>					
WAS-008-01	<a href="#">4/8/4</a>	4.0	0.56	0.58	0.42
WAS-008-02	<a href="#">4EG/8/4</a>	4.0	0.35	0.48	0.42
WAS-008-03	<a href="#">4EG/10/4EA</a>	3.4	0.31	0.45	0.42
<b>Aluminium Double Hung Window - Double Glazed</b>					
WAS-009-01	<a href="#">4/8/4</a>	4.4	0.57	0.61	3.57
WAS-009-02	<a href="#">4EG/8/4</a>	4.4	0.36	0.50	3.57
WAS-009-03	<a href="#">4EG/10/4EA</a>	3.8	0.32	0.46	3.57
<b>48mm Aluminium Fixed Window - Single Glazed</b>					
WAS-010-01	<a href="#">3Clr</a>	6.0	0.80	0.83	0.00
WAS-010-02	<a href="#">4Clr</a>	5.9	0.78	0.82	0.00
WAS-010-03	<a href="#">4EG</a>	5.9	0.53	0.68	0.00
WAS-010-04	<a href="#">6.38DLam</a>	5.8	0.75	0.82	0.00
WAS-010-05	<a href="#">6.38CP</a>	3.9	0.47	0.54	0.00
<b>48mm Aluminium Awning Window - Single Glazed</b>					
WAS-011-01	<a href="#">3Clr</a>	6.4	0.65	0.65	0.29
WAS-011-02	<a href="#">4EG</a>	6.4	0.44	0.54	0.29
WAS-011-03	<a href="#">4Gn</a>	6.4	0.51	0.59	0.29
WAS-011-04	<a href="#">4Gy</a>	6.4	0.49	0.40	0.29
WAS-011-05	<a href="#">5Clr</a>	6.4	0.62	0.65	0.29
WAS-011-06	<a href="#">5EG</a>	6.4	0.44	0.53	0.29
WAS-011-07	<a href="#">5Gy</a>	6.4	0.47	0.37	0.29
WAS-011-08	<a href="#">6.38CP</a>	4.8	0.40	0.43	0.29
WAS-011-09	<a href="#">6.38DLam</a>	6.3	0.60	0.64	0.29
WAS-011-10	<a href="#">6EG</a>	6.3	0.40	0.48	0.29
WAS-011-11	<a href="#">6SnClr</a>	5.2	0.45	0.49	0.29
WAS-011-12	<a href="#">6SnGn</a>	5.2	0.33	0.41	0.29
<b>Aluminium Double Hung Window - Single Glazed</b>					
WAS-012-01	<a href="#">4Gn</a>	6.4	0.58	0.69	3.57
WAS-012-02	<a href="#">4Gy</a>	6.4	0.66	0.47	3.57
WAS-012-03	<a href="#">5Clr</a>	6.3	0.71	0.75	3.57
WAS-012-04	<a href="#">5Gy</a>	6.3	0.53	0.42	3.57
WAS-012-05	<a href="#">6.38DLam</a>	6.2	0.68	0.75	3.57
WAS-012-06	<a href="#">6.38CP</a>	4.5	0.44	0.50	3.57
WAS-012-07	<a href="#">6SnClr</a>	4.9	0.51	0.57	3.57
WAS-012-08	<a href="#">6SnGn</a>	4.7	0.40	0.48	3.57