

2012 WERS Screened Certified Products Directory



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 6.3 and Therm 6.3 software (LBNL), 1994-2012
9. Annual energy performance (stars and % improvements) calculated using Nationwide House Energy Rating Software (NatHERS) according to procedures of WERS 2008.
10. Results disclosed in Standard International Units.
11. Results Calculated to the procedures of WERS Screen Rating Methodology, 2012.
10. Results disclosed in Standard International Units.

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Crimsafe Security Screens				%	%	Total Window System Values - WERS			
Window ID	Glazing	Cooling Stars	Heating Stars			Uw	SHGCw	Tvw	Air Inf.
WERS Generic Standard Industry Typical Aluminium Window - Single Glazed with Crimsafe Security Screen on Exterior									
CRS-001-01	3Clr	★★★	★★	46%	5%	5.7	0.36	0.32	5.00
CRS-001-02	6.38 LE	★★★★	★★★	56%	15%	4.6	0.29	0.29	5.00
CRS-001-03	5Toned	★★★	★★	50%	2%	5.7	0.31	0.18	5.00
CRS-001-04	5Supertoned	★★★★☆	★★	51%	1%	5.7	0.29	0.08	5.00
WERS Generic Standard Industry Typical Aluminium Window - Double Glazed Glazed with Crimsafe Security Screen on Exterior									
CRS-002-01	3Clr/6/3Clr	★★★★☆	★★★	55%	16%	4.5	0.31	0.28	5.00
CRS-002-02	3Clr/12/3Clr	★★★★	★★★	56%	18%	4.4	0.31	0.28	5.00
CRS-002-03	3Clr/12/4LE	★★★★☆	★★★	60%	23%	3.9	0.28	0.26	5.00
CRS-002-04	5SuperToned/6/5 Clr	★★★★☆	★★	64%	7%	4.5	0.18	0.04	5.00