

2014 WERS Certified Products Directory - AFRC (Filtered Table)

NOTES

1. These results are not for public reference can only be used by financial WERS members only.
2. The use of these results requires manufacture validation through the AWA Accreditation Scheme.
3. Uw is the whole window U-value
4. SHGCw is the whole window solar heat gain coefficient
5. Tvw is the whole window visible (light) transmittance aluminium frame)
7. A negative percentage improvement figure indicates performance worse than the base-case window
8. A positive percentage improvement figure indicates performance better than the base-case window
9. Maximum air infiltration is 5.0L/s.m² at a positive pressure difference of 75 Pa as measured according to AS 2047
10. Static performance (Uw SHGCw Tvw Tdw) calculated using Window 7.4 and Therm 7.4 software (LBNL), 1999-2016
11. Annual energy performance (stars and % improvements) calculated using Nationwide House Energy Rating Software (AccuRate) according to procedures of WERS 2008.
12. Results disclosed at Australian Fenestration Rating Council (AFRC) regulations.
13. Products performance is based on products excluding reveals unless "with In-Line Reveal" is included in the product description.
14. Results marked as "with In-Line Reveal" can only be (claimed/used/certified/used for marketing and compliance) when designed, tested, sold, installed and warranted with the reveal in situ. Products that do not include the reveal must revert to the performance excluding the in-line reveal. Please contact the window manufacturer or WERS for further details.



Glass Co. Metro				Cool %	Heat %	Total window - ARFC				
Updated 15-Aug-18						Uw	SHGC	Tvw	Air Inf	
Window ID	Glazing	Cooling Stars	Heating Stars							
50mm Carinya Classic Awning Window - Double Glazed										
ALS-025-01	4/10/4	★★★★	★★★★★☆☆	38%	60%	4.2	0.57	0.58	0.02	
ALS-025-02	5/8/5	★★★★☆	★★★★★☆☆	40%	57%	4.3	0.55	0.58	0.02	
ALS-025-12	LB ClrSl 6.38/8/4	★★★★☆	★★★★★☆☆	54%	61%	3.4	0.42	0.57	0.02	
ALS-025-13	LB GySl 6.38/8/4	★★★★☆	★★★★★☆☆	63%	53%	3.4	0.28	0.27	0.02	
50mm Carinya Classic Awning Window - Single Glazed										
ALS-026-02	5Clr	★	★★★★★☆☆	22%	35%	6.3	0.64	0.65	0.02	
ALS-026-04	5Gy	★★	★★★★★☆☆	36%	27%	6.3	0.48	0.35	0.02	
ALS-026-10	638CPGy	★★★	★★★★★☆☆	49%	44%	4.7	0.39	0.29	0.02	
ALS-026-12	638CPClr	★★★☆☆	★★★★★☆☆	39%	51%	4.7	0.53	0.61	0.02	
50mm Carinya Classic Fixed Window - Double Glazed										
ALS-028-01	4/10/4	★★★★	★★★★★☆☆	31%	55%	3.3	0.69	0.73	0.02	
ALS-028-02	5/8/5	★★★★	★★★★★☆☆	34%	53%	3.4	0.66	0.72	0.02	
ALS-028-12	LB ClrSl 6.38/8/4	★★★★☆	★★★★★☆☆	54%	58%	2.3	0.50	0.71	0.02	
ALS-028-13	LB GySl 6.38/8/4	★★★★☆	★★★★★☆☆	65%	48%	2.3	0.33	0.34	0.02	
92mm Carinya Classic Awning Window - Double Glazed										
ALS-029-01	4Clr/10/4Clr	★★★★☆	★★★★★☆☆	38%	56%	4.4	0.55	0.56	0.02	
ALS-029-02	5Clr/8/5Clr	★★★★☆	★★★★★☆☆	40%	54%	4.5	0.53	0.55	0.02	
ALS-029-10	LB ClrSl 6.38/8/4	★★★★☆	★★★★★☆☆	53%	57%	3.6	0.41	0.54	0.02	
ALS-029-11	LB GySl 6.38/8/4	★★★★☆	★★★★★☆☆	62%	50%	3.6	0.28	0.26	0.02	
92mm Carinya Classic Awning Window - Single Glazed										
ALS-030-02	5Clr	★	★★★★★☆☆	22%	29%	6.7	0.61	0.62	0.02	
ALS-030-04	5Gy	★★	★★★★★☆☆	35%	22%	6.7	0.46	0.33	0.02	
ALS-030-10	638CPGy	★★★	★★★★★☆☆	47%	37%	5.2	0.39	0.28	0.02	
ALS-030-12	638CPClr	★★★☆☆	★★★★★☆☆	38%	44%	5.2	0.51	0.58	0.02	
92mm Carinya Classic Fixed Window - Double Glazed										
ALS-031-01	4/10/4	★★★☆☆	★★★★★☆☆	30%	50%	3.7	0.68	0.71	0.74	
ALS-031-02	5/8/5	★★★★	★★★★★☆☆	33%	47%	3.8	0.65	0.70	0.74	

50mm Carinya Classic Sliding Window - Single Glazed										
ALS-034-02	5Clr	★	★★★☆☆	14%	18%	6.3	0.72	0.76	0.74	
ALS-034-04	5Gy	★★	★★★	31%	10%	6.3	0.53	0.40	0.74	
ALS-034-10	638CPGy	★★★	★★★★☆	47%	29%	4.5	0.43	0.33	0.74	
ALS-034-12	638CPClr	★★	★★★★★	35%	37%	4.5	0.59	0.70	0.74	
92mm Carinya Classic Sliding Door - Double Glazed										
ALS-037-01	4Clr/10/4Clr	★★	★★★★★☆☆	35%	45%	3.9	0.62	0.65	0.82	
ALS-037-02	5Clr/8/5Clr	★★	★★★★★☆☆	37%	43%	4.0	0.59	0.64	0.82	
ALS-037-13	LB ClrSl6.38/8/4	★★★☆☆	★★★★★☆☆	54%	47%	2.9	0.45	0.63	0.82	
ALS-037-14	LB GySl6.38/8/4	★★★★☆	★★★★★	64%	39%	2.9	0.30	0.30	0.82	
92mm Carinya Classic Sliding Door - Single Glazed										
ALS-038-02	5Clr	★	★★★☆☆	18%	20%	6.1	0.68	0.72	0.82	
ALS-038-04	5Gy	★★	★★★	34%	11%	6.1	0.51	0.39	0.82	
92mm Carinya Select Double Hung Window - Double Glazed										
ALS-039-01	4Clr/10/4Clr	★★	★★★★★	37%	41%	4.2	0.59	0.62	0.48	
ALS-039-02	5Clr/8/5Clr	★★★☆☆	★★★★★	38%	38%	4.3	0.56	0.61	0.48	
ALS-039-12	LB ClrSl6.38/8/4	★★★☆☆	★★★★★☆☆	53%	42%	3.3	0.43	0.60	0.48	
ALS-039-13	LB GySl6.38/8/4	★★★★☆	★★★★★☆☆	63%	34%	3.3	0.29	0.29	0.48	
92mm Carinya Select Double Hung Window - Single Glazed										
ALS-040-02	5Clr	★	★★★	20%	14%	6.5	0.65	0.68	0.48	
ALS-040-04	5Gy	★★	★★☆	34%	6%	6.5	0.48	0.36	0.48	
ALS-040-10	638CPGy	★★★	★★★★★	49%	23%	4.8	0.39	0.30	0.48	
ALS-040-12	638CPClr	★★★☆☆	★★★★★☆☆	38%	31%	4.8	0.54	0.63	0.48	
Carinya Select 125 Hinged Door - Single Glazed										
ALS-044-01	6.38CPGy	★★★★☆	★★★★★	53%	26%	4.4	0.35	0.27	0.07	
ALS-044-02	6.38CPClr	★★★☆☆	★★★★★☆☆	44%	33%	4.4	0.48	0.56	0.07	
ALS-044-09	5Clr	★★	★★★☆☆	29%	18%	5.9	0.58	0.60	0.07	
Carinya Select 125 Hinged Door - Double Glazed										
ALS-045-03	4/16/4	★★★☆☆	★★★★★	43%	36%	3.9	0.53	0.55	5.00	
ALS-045-07	LB ClrSl6.38/14/4	★★★★	★★★★★	57%	38%	3.1	0.38	0.53	5.00	
ALS-045-08	LB GySl6.38/14/4	★★★★★	★★★★★☆☆	66%	29%	3.1	0.25	0.25	5.00	
Carinya Select 92mm Hinged Door - Single Glazed										
ALS-051-01	6Clr	★★	★★★☆☆	30%	19%	5.9	0.57	0.59	0.14	
Carinya Select 92mm Hinged Door - Double Glazed										
ALS-052-01	4/16Ar/6	★★★	★★★★★☆☆	44%	42%	3.8	0.52	0.53	0.14	
ALS-052-06	LB ClrSl6.38/14/4	★★★★	★★★★★☆☆	58%	42%	3.1	0.38	0.52	0.14	
ALS-052-07	LB GySl6.38/14/4	★★★★★	★★★★★☆☆	67%	34%	3.1	0.25	0.25	0.14	
Carinya Bifold Door Bottom Rail - Double Glazed										
ALS-054-05	4Clr/16/4	★★★☆☆	★★★★★	43%	41%	3.9	0.53	0.55	0.27	
ALS-054-09	LB ClrSl6.38/14/4	★★★★	★★★★★☆☆	58%	43%	3.1	0.39	0.53	0.27	
ALS-054-10	LB GySl6.38/14/4	★★★★★	★★★★★☆☆	66%	35%	3.1	0.25	0.25	0.27	
Carinya Bifold Door Bottom Rail - Single Glazed										
ALS-057-01	6.38CPGry	★★★★☆	★★★★★	53%	26%	4.4	0.36	0.27	0.27	
ALS-057-04	6.38CPClr	★★★☆☆	★★★★★☆☆	44%	33%	4.4	0.49	0.56	0.27	
ALS-057-12	5Clr	★★	★★★☆☆	28%	18%	5.9	0.59	0.61	0.27	
Carinya 92mm Sliding Window - Single Glazed										
ALS-075-01	6.38CPGry	★★★	★★★★★	46%	23%	4.9	0.42	0.31	1.18	
ALS-075-03	6.38CPClr	★★	★★★★★☆☆	35%	30%	4.9	0.57	0.66	1.18	
ALS-075-10	5Clr	★	★★★	16%	12%	6.6	0.69	0.71	1.18	

Carinya 92mm Sliding Window - Double Glazed									
ALS-076-01	5Clr/8/5Clr	★ ★	★ ★ ★ ★	38%	33%	4.6	0.55	0.58	1.18