

## 2012 WERS Certified Products Directory - AFRC

## NOTES

- 1.Uw is the whole window U-value
- 2.SHGCw is the whole window solar heat gain coefficient
- 3.Tvw 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 (Uw SHGCw Tvw Tdw) calculated using Window 6.3 and Therm 6.3 software (LBNL), 1999-2010
- 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 Australian Fenestration Rating Council (AFRC) regulations.



Wilkins Windows Updated 05-Jul-08					Cool %	Heat %	Total Window - AFRC			
Window ID	Glazing	Cooling Stars	Heating Stars	Uw			SHGC	Tvw	Air Inf	
<b>uPVC Awning Window - Double Glazed</b>										
REH-004-01	4/8/4	★★★★	★★★★★☆☆	58%	69%	2.6	0.42	0.44	0.76	
REH-004-02	4Gv/8/4	★★★★★	★★★★★☆☆	65%	63%	2.6	0.31	0.27	0.76	
REH-004-03	4EG/8/4	★★★★★	★★★★★☆☆	68%	60%	2.6	0.26	0.36	0.76	
REH-004-04	4Gv/8/4EA	★★★★★	★★★★★☆☆	69%	65%	2.2	0.28	0.25	0.76	
REH-004-05	4EG/8/4EA	★★★★★☆☆	★★★★★☆☆	72%	62%	2.2	0.24	0.34	0.76	
REH-004-06	4Gv/8Ar/4EA	★★★★★☆☆	★★★★★☆☆	70%	67%	2.0	0.28	0.25	0.76	
REH-004-07	6Gv/6/4	★★★★★	★★★★★☆☆	67%	59%	2.7	0.26	0.22	0.76	
REH-004-08	6SpGv/6/4	★★★★★☆☆	★★★★★☆☆	76%	50%	2.7	0.14	0.04	0.76	
REH-004-09	6Gv/6/4EA	★★★★★☆☆	★★★★★☆☆	71%	61%	2.4	0.24	0.20	0.76	
REH-004-10	6SpGv/6/4EA	★★★★★☆☆	★★★★★☆☆	80%	52%	2.4	0.11	0.04	0.76	
REH-004-11	6EG/6/4EA	★★★★★☆☆	★★★★★☆☆	73%	59%	2.4	0.21	0.30	0.76	
REH-004-12	6Gv/6Ar/4EA	★★★★★☆☆	★★★★★☆☆	72%	62%	2.2	0.23	0.20	0.76	
REH-004-13	6SpGv/6Ar/4EA	★★★★★☆☆	★★★★★☆☆	81%	53%	2.2	0.10	0.04	0.76	
REH-004-14	6EG/6Ar/4EA	★★★★★☆☆	★★★★★☆☆	74%	61%	2.2	0.21	0.30	0.76	
<b>uPVC Till and Turn Window - Double Glazed</b>										
REH-005-01	4/8/4	★★★★	★★★★★☆☆	58%	69%	2.6	0.41	0.44	0.77	
REH-005-02	4Gv/8/4	★★★★★	★★★★★☆☆	65%	62%	2.6	0.31	0.27	0.77	
REH-005-03	4EG/8/4	★★★★★	★★★★★☆☆	68%	60%	2.6	0.26	0.36	0.77	
REH-005-04	4Gv/8/4EA	★★★★★	★★★★★☆☆	69%	65%	2.2	0.28	0.25	0.77	
REH-005-05	4EG/8/4EA	★★★★★☆☆	★★★★★☆☆	72%	62%	2.2	0.23	0.33	0.77	
REH-005-06	4Gv/8Ar/4EA	★★★★★☆☆	★★★★★☆☆	70%	66%	2.0	0.27	0.25	0.77	
REH-005-07	6Gv/6/4	★★★★★	★★★★★☆☆	68%	59%	2.7	0.26	0.21	0.77	
REH-005-08	6SpGv/6/4	★★★★★☆☆	★★★★★☆☆	76%	50%	2.7	0.14	0.04	0.77	
REH-005-09	6Gv/6/4EA	★★★★★☆☆	★★★★★☆☆	71%	60%	2.4	0.23	0.20	0.77	
REH-005-10	6SpGv/6/4EA	★★★★★☆☆	★★★★★☆☆	80%	51%	2.4	0.11	0.04	0.77	
REH-005-11	6EG/6/4EA	★★★★★☆☆	★★★★★☆☆	73%	58%	2.4	0.21	0.29	0.77	
REH-005-12	6Gv/6Ar/4EA	★★★★★☆☆	★★★★★☆☆	72%	62%	2.2	0.23	0.20	0.77	
REH-005-13	6SpGv/6Ar/4EA	★★★★★☆☆	★★★★★☆☆	81%	53%	2.2	0.10	0.04	0.77	
REH-005-14	6EG/6Ar/4EA	★★★★★☆☆	★★★★★☆☆	74%	60%	2.2	0.20	0.29	0.77	
<b>uPVC Casement Window - Double Glazed</b>										
REH-006-01	4/8/4	★★★★	★★★★★☆☆	58%	69%	2.6	0.42	0.44	0.51	
REH-006-02	4Gv/8/4	★★★★★	★★★★★☆☆	65%	63%	2.6	0.31	0.27	0.51	
REH-006-03	4EG/8/4	★★★★★	★★★★★☆☆	68%	60%	2.6	0.26	0.36	0.51	
REH-006-04	4Gv/8/4EA	★★★★★	★★★★★☆☆	69%	65%	2.2	0.28	0.25	0.51	
REH-006-05	4EG/8/4EA	★★★★★☆☆	★★★★★☆☆	72%	63%	2.2	0.24	0.34	0.51	
REH-006-06	4Gv/8Ar/4EA	★★★★★☆☆	★★★★★☆☆	70%	67%	2.0	0.28	0.25	0.51	
REH-006-07	6Gv/6/4	★★★★★	★★★★★☆☆	68%	59%	2.7	0.26	0.22	0.51	
REH-006-08	6SpGv/6/4	★★★★★☆☆	★★★★★☆☆	76%	51%	2.7	0.14	0.04	0.51	

Product ID	Product Name	Star Rating 1	Star Rating 2	Star Rating 3	Star Rating 4	Star Rating 5	Star Rating 6	Star Rating 7	Star Rating 8	Star Rating 9	Star Rating 10	Value 1	Value 2	Value 3	Value 4	Value 5	Value 6
REH-006-09	6Gv/6/4EA	★	★	★	★	★	★	★	★	★	★	71%	61%	2.4	0.23	0.20	0.51
REH-006-10	6SpGv/6/4EA	★	★	★	★	★	★	★	★	★	★	80%	52%	2.4	0.11	0.04	0.51
REH-006-11	6EG/6/4EA	★	★	★	★	★	★	★	★	★	★	73%	59%	2.4	0.21	0.30	0.51
REH-006-12	6Gv/6Ar/4EA	★	★	★	★	★	★	★	★	★	★	72%	63%	2.2	0.23	0.20	0.51
REH-006-13	6SpGv/6Ar/4EA	★	★	★	★	★	★	★	★	★	★	81%	54%	2.2	0.10	0.04	0.51
REH-006-14	6EG/6Ar/4EA	★	★	★	★	★	★	★	★	★	★	74%	61%	2.2	0.20	0.30	0.51