

2009 WERS Certified Products Directory - NFRC

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.m2 at a positive pressure difference of 75 Pa as measured according to AS 2047
8. Static performance (Uw SHGCw Tvw Tdw) 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.



Miglas Australia Updated - 25-Aug-08						Cool %	Heat %	Total Window - NFRC			
Window ID	Glazing	Cooling Stars	Heating Stars	Uw	SHGC			Tvw	Air Inf.		
Miglas - Aliclad Casement window											
MIG-001-01	4/14/4	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	52%	71%	2.8	0.49	0.52	0.07		
MIG-001-02	4/14/4EA	★ ★ ★ ★	★ ★ ★ ★ ★ ★	56%	74%	2.4	0.46	0.48	0.07		
MIG-001-03	4Gy/14/4EA	★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★	65%	66%	2.4	0.32	0.30	0.07		
MIG-001-04	4/12Ar/6LE80i	★ ★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	62%	72%	2.2	0.38	0.47	0.07		
MIG-001-05	4Gy/12Ar/6LE80i	★ ★ ★ ★ ★ ☆	★ ★ ★ ★ ★ ★	70%	65%	2.2	0.27	0.29	0.07		
MIG-001-06	4/14Ar/4EA	★ ★ ★ ★	★ ★ ★ ★ ★ ★	56%	76%	2.2	0.46	0.48	0.07		
MIG-001-07	4Gy/14Ar/4EA	★ ★ ★ ★ ★	★ ★ ★ ★ ★ ☆	66%	68%	2.2	0.32	0.30	0.07		
MIG-001-08	4/14Ar/4S500	★ ★ ★ ★	★ ★ ★ ★ ★ ★	56%	75%	2.3	0.46	0.48	0.07		
MIG-001-09	4Gy/14Ar/4S500	★ ★ ★ ★ ★	★ ★ ★ ★ ★ ☆	66%	67%	2.3	0.32	0.30	0.07		
MIG-001-10	4/12Ar/6LE50i1	★ ★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	63%	71%	2.2	0.36	0.29	0.07		
MIG-001-11	4/12Ar/6LE54i1	★ ★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	64%	71%	2.2	0.36	0.31	0.07		
WERS Generic Standard Industry Typical Timber Window - Double Glazed											
WER-03-008	3/6/3	★ ★ ☆	★ ★ ★ ★ ☆	38%	47%	3.3	0.61	0.65	5.00		
WER-03-011	3/12/3	★ ★ ☆	★ ★ ★ ★ ★	40%	51%	3.0	0.61	0.65	5.00		
WER-03-014	3/12/4LE	★ ★ ★	★ ★ ★ ★ ★ ☆	48%	59%	2.1	0.58	0.59	5.00		
WER-03-021	5SuperToned/6/5	★ ★ ★ ☆	★ ★ ★ ★	55%	37%	3.3	0.41	0.34	5.00		