

## 2009 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.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.



<b>Polar Windows</b>				<b>Cool %</b>	<b>Heat %</b>	<b>Total Window - NFRC</b>				
Updated - 12-Dec-08						<b>Uw</b>	<b>SHGC</b>	<b>Tvw</b>	<b>Air Inf.</b>	
<b>Window ID</b>	<b>Glazing</b>	<b>Cooling Stars</b>	<b>Heating Stars</b>							
<b>Aluminium Casement Window - Double Glazed</b>										
POL-001-01	<a href="#">4/9/4</a>	★ ★ ☆	★ ★ ★ ★ ★	43%	51%	4.5	0.49	0.50	1.00	
<b>Aluminium Awning Window - Double Glazed</b>										
POL-002-01	<a href="#">4/9/4</a>	★ ★ ☆	★ ★ ★ ★ ★	43%	49%	4.6	0.48	0.49	1.00	
<b>Aluminium Fixed Window - Double Glazed</b>										
POL-003-01	<a href="#">4/9/4</a>	★ ★	★ ★ ★ ★ ★	32%	49%	3.7	0.66	0.71	1.00	
<b>Aluminium Sliding Door - Double Glazed</b>										
POL-005-01	<a href="#">4/9/4</a>	★ ★	★ ★ ★ ★	38%	40%	4.1	0.58	0.62	1.80	