

2008 WERS Certified Products Directory - NFRC



www.wers.net

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 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.

05-May-2008

| Advance Aluminium Windows | | | | % | % | Total Window System Values - NFRC | | | |
|-----------------------------------------------------------------|------------|---------------|---------------|-----|-----|-----------------------------------|-------|------|----------|
| Window ID | Glazing | Cooling Stars | Heating Stars | | | Uw | SHGCw | Tvw | Air Inf. |
| 2-Lite Standard Aluminium Sliding Window - Single Glazed | | | | | | | | | |
| ADV_001_01 | 3Clr | ☆ | ★★★ | 8% | 16% | 6.5 | 0.76 | 0.78 | 2.27 |
| ADV_001_02 | 5Clr | ☆ | ★★★ | 12% | 17% | 6.4 | 0.73 | 0.77 | 2.27 |
| ADV_001_03 | 5EG | ★★ | ★★ | 32% | 6% | 6.4 | 0.51 | 0.64 | 2.27 |
| ADV_001_04 | 6Clr | ☆ | ★★★ | 13% | 16% | 6.4 | 0.72 | 0.77 | 2.27 |
| ADV_001_05 | 6.38DLam | ★ | ★★★ | 16% | 16% | 6.3 | 0.70 | 0.77 | 2.27 |
| ADV_001_06 | 6.38DLamGy | ★★ | ★★ | 29% | 10% | 6.3 | 0.55 | 0.39 | 2.27 |
| ADV_001_07 | 6.38CP | ★★★ | ★★★ | 45% | 28% | 4.6 | 0.45 | 0.51 | 2.27 |
| 4-Lite Standard Aluminium Sliding Window - Single Glazed | | | | | | | | | |
| ADV_003_01 | 5Clr | ☆ | ★★★ | 12% | 16% | 6.4 | 0.73 | 0.77 | 3.10 |
| ADV_003_02 | 5EG | ★★ | ★★ | 32% | 5% | 6.4 | 0.51 | 0.64 | 3.10 |
| ADV_003_03 | 6Clr | ☆ | ★★★ | 13% | 15% | 6.4 | 0.72 | 0.77 | 3.10 |
| ADV_003_04 | 6.38DLam | ★ | ★★★ | 16% | 15% | 6.3 | 0.70 | 0.77 | 3.10 |
| ADV_003_05 | 6.38DLamGy | ★★ | ★★ | 29% | 9% | 6.3 | 0.55 | 0.39 | 3.10 |
| ADV_003_06 | 6.38CP | ★★★ | ★★★ | 45% | 27% | 4.6 | 0.45 | 0.51 | 3.10 |