

2008 WERS Certified Products Directory - NFRC



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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.

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| Eden Windows | | | | | % | % | Total Window System Values - NFRC | | | |
|---|-------------|---------------|---------------|-----|-----|-----|-----------------------------------|------|----------|--|
| Window ID | Glazing | Cooling Stars | Heating Stars | | | Uw | SHGCw | Tvw | Air Inf. | |
| WERS Generic Standard Industry Typical Timber Window - Single Glazed | | | | | | | | | | |
| WER_03_002 | 3Clr | ★ | ★★★ | 21% | 24% | 5.5 | 0.69 | 0.72 | 5 | |
| WER_03_005 | 6.38LE | ★★★★☆ | ★★★☆☆ | 52% | 33% | 3.7 | 0.41 | 0.47 | 5 | |
| WER_03_016 | 5Toned | ★★ | ★★★☆☆ | 38% | 16% | 5.4 | 0.50 | 0.39 | 5 | |
| WER_03_018 | 5SuperToned | ★★★☆☆ | ★★★☆☆ | 40% | 15% | 5.4 | 0.47 | 0.59 | 5 | |

| Glazing ID | Glazing Description |
|--------------|--|
| 3Clr | 3mm Clear |
| 5EG | 5mm EverGreen |
| 5Gn | 5mm Green |
| 6.38CP | 6.38mm ComfortPlus Neutral |
| 3/6/3 | 3mm Clear / 6mm Air Gap / 3mm Clear |
| 3/12/3 | 3mm Clear/12mm Air Gap/3mm Clear |
| 3/12/4 | 3mm Clear / 12mm Air Gap / 4mm Clear |
| 5Gn/6/5 | 5mm Green/6mm Air Gap/5mm Clear |
| 5EG/12Ar/4LE | 5mm EverGreen / 12mm Argon Gap / 4mm Low-E |
| 6EG/10Ar/4LE | 6mm EverGreen / 10mm Argon / 4mm Low-E |