

# 2008 WERS Certified Products Directory - NFRC



## NOTES

These results ARE APPROVED for use with Whole of House Rating programs and the BCA-2006 and are derived through conversion by algorithm from ANAC to NFRC. There is no NFRC approved procedure for these product types at the time of issue. This data remains valid until such a procedure is approved by the AFRC.

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.m<sup>2</sup> 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.

07-May-08

Glass Block Technologies				%	%	Total Window System Values - Interim NFRC			
Window ID	Glazing	Cooling Stars	Heating Stars			$U_w$	$SHGC_w$	$T_{vw}$	Air Inf.
<b>Ezylay Aluminium and Silicone Frame System</b>									
GBT_001_01	GBT	★★	★★★★★☆	34%	58%	3.0	0.68	0.54	0
GBT_001_02	vetro	★★	★★★★★☆	34%	58%	3.0	0.68	0.56	0
GBT_001_03	vitra	★★	★★★★★☆	34%	58%	3.0	0.68	0.55	0
<b>Ezylay Aluminium and Mortar Frame System</b>									
GBT_02_001	GBT	★★	★★★★★☆	34%	58%	3.1	0.68	0.54	0
GBT_02_002	vetro	★★	★★★★★☆	34%	58%	3.1	0.68	0.56	0
GBT_02_003	vitra	★★	★★★★★☆	34%	58%	3.1	0.68	0.55	0

Glazing ID	Glazing Description
GBT	Solaris Glass Blocks (DIN 18175 EN 1051)
vetro	Vetroarredo DT/67mm Air Gap/Vetroarredo DT
vitra	Vitrablok C/68mm Air Gap/Vitrablok C