

2005 WERS Certified Products Directory

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 2.1 software (LBNL), 2000-2003
9. Annual energy performance (stars and % improvements) calculated using Nationwide House Energy Rating Software (NatHERS) according to procedures of WERS 2004.

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BREEZWAY			COOLING	HEATING	Total Window System Values			
Window ID	Glazing	FRAME	% impr.	% impr.	Uw	SHGCw	Tvw	Air Inf.
117 Aluminium Window - Single Glazed								
BRZ-04-001a	6Clr	Aluminium	21	1	4.972	0.672	0.533	1.5
BRZ-04-002a	6Gy	Aluminium	35	-7	4.917	0.532	0.268	1.5
BRZ-04-003a	6Bz	Aluminium	32	-3	4.794	0.564	0.329	1.5
BRZ-04-004a	6EG	Aluminium	38	-10	4.989	0.499	0.403	1.5
BRZ-04-005a	6AB	Aluminium	38	-10	4.98	0.504	0.34	1.5
BRZ-04-006a	6EG	Aluminium	38	-10	4.989	0.499	0.403	1.5
BRZ-04-007a	6SpGy	Aluminium	48	-19	5.133	0.395	0.051	1.5
BRZ-04-008a	6LE	Aluminium	30	22	3.311	0.618	0.495	1.5
BRZ-04-009a	6.38CP	Aluminium	39	18	3.22	0.531	0.35	1.5
BRZ-04-010a	6.38CPGn	Aluminium	40	16	3.275	0.517	0.425	1.5
BRZ-04-011a	6Ec	Aluminium	39	-10	4.957	0.491	0.234	1.5
BRZ-04-012a	6EcGy	Aluminium	49	-13	4.727	0.397	0.114	1.5
BRZ-04-013a	6EcBz	Aluminium	47	-12	4.71	0.413	0.136	1.5
BRZ-04-014a	6EcBG	Aluminium	48	-12	4.681	0.405	0.198	1.5
BRZ-04-015a	6EcEG	Aluminium	52	-18	4.924	0.367	0.182	1.5
BRZ-04-016a	6EcAB	Aluminium	51	-17	4.9	0.374	0.149	1.5
52 Aluminium Window - Single Glazed								
BRZ-04-017a	6Clr	Aluminium	22	3	4.796	0.664	0.56	1.5
BRZ-04-018a	6Gy	Aluminium	36	-5	4.739	0.522	0.282	1.5
BRZ-04-019a	6Bz	Aluminium	33	-1	4.613	0.555	0.345	1.5
BRZ-04-020a	6EG	Aluminium	40	-8	4.814	0.488	0.423	1.5
BRZ-04-021a	6AB	Aluminium	39	-8	4.804	0.494	0.357	1.5
BRZ-04-022a	6EG	Aluminium	40	-8	4.814	0.488	0.423	1.5
BRZ-04-023a	6SpGy	Aluminium	50	-17	4.962	0.382	0.053	1.5
BRZ-04-024a	6LE	Aluminium	31	25	3.084	0.609	0.52	1.5
BRZ-04-025a	6.38CP	Aluminium	40	20	2.99	0.521	0.367	1.5
BRZ-04-026a	6.38CPGn	Aluminium	41	19	3.047	0.507	0.447	1.5
BRZ-04-027a	6Ec	Aluminium	41	-9	4.78	0.48	0.245	1.5
BRZ-04-028a	6EcGy	Aluminium	50	-11	4.544	0.385	0.119	1.5
BRZ-04-029a	6EcBz	Aluminium	49	-10	4.526	0.401	0.143	1.5
BRZ-04-030a	6EcBG	Aluminium	50	-10	4.496	0.393	0.208	1.5
BRZ-04-031a	6EcEG	Aluminium	53	-16	4.747	0.354	0.191	1.5
117 Aluminium Window with Timber Reveals - Single Glazed								
BRZ-04-049a	6Clr	Aluminium	22	2	4.853	0.662	0.502	1.5
BRZ-04-050a	6Gy	Aluminium	36	-6	4.8	0.525	0.252	1.5
BRZ-04-051a	6Bz	Aluminium	33	-2	4.682	0.557	0.309	1.5
BRZ-04-052a	6EG	Aluminium	39	-9	4.87	0.493	0.379	1.5
BRZ-04-053a	6AB	Aluminium	39	-9	4.86	0.498	0.32	1.5

BRZ-04-054a	6EG	Aluminium	39	-9	4.87	0.493	0.379	1.5
BRZ-04-055a	6SpGy	Aluminium	49	-18	5.007	0.391	0.048	1.5
BRZ-04-056a	6LE	Aluminium	31	22	3.26	0.609	0.466	1.5
BRZ-04-057a	6.38CP	Aluminium	39	18	3.172	0.525	0.329	1.5
BRZ-04-058a	6.38CPGn	Aluminium	41	16	3.225	0.511	0.4	1.5
BRZ-04-059a	6Ec	Aluminium	40	-9	4.838	0.485	0.219	1.5
BRZ-04-060a	6EcGy	Aluminium	50	-12	4.618	0.393	0.107	1.5
BRZ-04-061a	6EcBz	Aluminium	48	-10	4.601	0.409	0.128	1.5
BRZ-04-062a	6EcBG	Aluminium	49	-11	4.573	0.401	0.187	1.5
BRZ-04-063a	6EcEG	Aluminium	52	-16	4.807	0.364	0.171	1.5
BRZ-04-064a	6EcAB	Aluminium	51	-16	4.784	0.37	0.14	1.5
BRZ-04-097a	6Clr	Aluminium	22	2	4.853	0.662	0.502	1.5
BRZ-04-098a	6LE	Aluminium	31	22	3.26	0.609	0.466	1.5
52 Aluminium Window with Timber Reveals - Single Glazed								
BRZ-04-065a	6Clr	Aluminium	24	4	4.633	0.646	0.519	1.5
BRZ-04-066a	6Gy	Aluminium	38	-4	4.579	0.508	0.261	1.5
BRZ-04-067a	6Bz	Aluminium	35	0	4.458	0.54	0.319	1.5
BRZ-04-068a	6EG	Aluminium	41	-7	4.65	0.476	0.392	1.5
BRZ-04-069a	6AB	Aluminium	41	-6	4.64	0.481	0.33	1.5
BRZ-04-070a	6EG	Aluminium	41	-7	4.65	0.476	0.392	1.5
BRZ-04-071a	6SpGy	Aluminium	51	-16	4.791	0.373	0.049	1.5
BRZ-04-072a	6LE	Aluminium	33	25	2.998	0.593	0.482	1.5
BRZ-04-073a	6.38CP	Aluminium	42	21	2.907	0.508	0.34	1.5
BRZ-04-074a	6.38CPGn	Aluminium	43	19	2.962	0.494	0.414	1.5
BRZ-04-075a	6Ec	Aluminium	42	-7	4.618	0.468	0.227	1.5
BRZ-04-076a	6EcGy	Aluminium	52	-10	4.392	0.376	0.11	1.5
BRZ-04-077a	6EcBz	Aluminium	50	-8	4.375	0.391	0.133	1.5
BRZ-04-078a	6EcBG	Aluminium	51	-8	4.346	0.383	0.193	1.5
BRZ-04-079a	6EcEG	Aluminium	54	-14	4.586	0.346	0.177	1.5
BRZ-04-080a	6EcAB	Aluminium	54	-14	4.562	0.352	0.145	1.5
Timber Window - Single Glazed								
BRZ-04-081a	6Clr	Wood	25	6	4.434	0.634	0.496	5.0
BRZ-04-082a	6Gy	Wood	39	-2	4.382	0.498	0.249	5.0
BRZ-04-083a	6Bz	Wood	36	2	4.265	0.53	0.306	5.0
BRZ-04-084a	6EG	Wood	42	-5	4.451	0.466	0.375	5.0
BRZ-04-085a	6AB	Wood	41	-4	4.442	0.471	0.316	5.0
BRZ-04-086a	6EG	Wood	42	-5	4.451	0.466	0.375	5.0
BRZ-04-087a	6SpGy	Wood	52	-13	4.587	0.364	0.048	5.0
BRZ-04-088a	6LE	Wood	34	26	2.852	0.581	0.46	5.0
BRZ-04-089a	6.38CP	Wood	42	22	2.765	0.497	0.325	5.0
BRZ-04-090a	6.38CPGn	Wood	43	20	2.817	0.484	0.395	5.0
BRZ-04-091a	6Ec	Wood	43	-5	4.42	0.458	0.217	5.0
BRZ-04-092a	6EcGy	Wood	52	-8	4.201	0.367	0.105	5.0
BRZ-04-093a	6EcBz	Wood	51	-6	4.185	0.382	0.127	5.0
BRZ-04-094a	6EcBG	Wood	52	-6	4.157	0.375	0.184	5.0
BRZ-04-095a	6EcEG	Wood	55	-12	4.389	0.337	0.169	5.0
BRZ-04-096a	6EcAB	Wood	54	-12	4.366	0.344	0.138	5.0
BRZ-04-101a	6Clr	Wood	25	6	4.434	0.634	0.496	5.0
BRZ-04-102a	6LE	Wood	34	26	2.852	0.581	0.46	5.0

Glazing ID	Glazing Description
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6Clr	6mm Clear	
6Gy	6mm Grey	
6Bz	6mm Bronze	
6EG	6mm EverGreen	
6AB	6mm Arctic Blue	
6EG	6mm EverGreen	
6SpGy	6mm SuperGrey	
6LE	6mm Energy Advantage Low-E	
6.38CP	6.38mm ComfortPlus Neutral	
6.38CPGn	6.38mm ComfortPlus Green	
6Ec	6mm Eclipse Clear	
6EcGy	6mm Eclipse Grey	
6EcBz	6mm Eclipse Bronze	
6EcBG	6mm Eclipse Blue-Green	
6EcEG	6mm Eclipse EverGreen	
6EcAB	6mm Eclipse Arctic Blue	