

# Jason Energy & Acoustic Data: Fixed Windows

The energy data below is from the Window Energy Rating Scheme WERS. The acoustic data has been simulated based on the methods and procedures set out in AS/1191:2002 (R2016) Method for Laboratory measurement of Airborne Sound transmission insulation of building elements and AS/NZS ISO 717.1:2004 Acoustics -Rating of sound insulation in buildings and of building elements Airborne sound insulation.

Last Updated: August 2022

*NT: Not Tested*

Glass Code	Glazing Description	Thermal Data		Acoustic Data			
		U Valve	SHGC	Rw	C	Ctr	Rw+Ctr
<b>Jason Residential Fixed Window - Single Glazed PA10</b>							
CL4	Clear 4mm	6.5	0.78	27	-1	-2	<b>25</b>
CL5	Clear 5mm	6.5	0.77	28	0	-1	<b>27</b>
GY5	Grey 5mm	6.5	0.57	28	0	-1	<b>27</b>
LC6	Laminate Clear 6.38mm	6.4	0.75	31	0	-2	<b>29</b>
LG6	Laminate Grey 6.38mm	6.4	0.59	31	0	-2	<b>29</b>
CSC4	SmartGlass SP10 Clear - Polaris 4mm	4.8	0.7	27	-1	-2	<b>25</b>
CSC6	SmartGlass SP10 Clear - Polaris 6mm	4.7	0.65	30	-1	-2	<b>28</b>
CSN4	SmartGlass SP30 Neutral - Panoramic 4mm	4.7	0.5	27	-1	-2	<b>25</b>
CSN6	SmartGlass SP30 Neutral - Panoramic 6mm	4.6	0.5	30	-1	-2	<b>28</b>
CS35G6	Smart Glass SP35 Grey 6mm	4.6	0.35	30	-1	-2	<b>28</b>
LCP6	Comfort Plus Neutral 6.38mm	4.5	0.47	31	0	-2	<b>29</b>
LGP6	Comfort Plus Grey 6.38mm	4.6	0.47	31	0	-2	<b>29</b>
SN4	Sunergy Neutral 4mm	4.9	0.56	27	-1	-2	<b>25</b>
SN6	Sunergy Neutral 6mm	4.9	0.55	30	-1	-2	<b>28</b>
LSN6	Sunergy Neutral 6.38mm	4.8	0.53	31	0	-2	<b>29</b>
LSGY6	Sunergy Grey 6.38mm	4.8	0.4	31	0	-2	<b>29</b>
6.52	Acoustic Laminated 6mm	NT	NT	34	0	-3	<b>31</b>
<b>Jason Residential Fixed Window - 1 Panel, Double Glazed PAU10</b>							
CL4/16AR/CL4	Clear 4mm / Argon Gap 16 / Clear 4mm	3.552	0.65	NT	NT	NT	NT
CL5/14AR/CL5	Clear 5mm / Argon Gap 14 / Clear 5mm	3.536	0.62	NT	NT	NT	NT
CL5/12AR/LG6	Clear 5mm / Argon Gap 12 / Grey Laminate 6.38mm	3.509	0.55	NT	NT	NT	NT
CL5/12AR/LCOP7	Clear 5mm / Argon Gap 12 / VLamHush 6.5mm	3.519	0.6	NT	NT	NT	NT
CL5/12AR/LO6-TRAN	Clear 5mm / Argon Gap 12 / WTransLam 6.38mm	3.524	0.57	NT	NT	NT	NT
GY5/14AR/CL5	Grey 5mm / Argon Gap 14 / Clear 5mm	3.536	0.43	NT	NT	NT	NT
GY5/12AR/LC6	Grey 5mm / Argon Gap 12 / Clear Laminate 6.38mm	3.524	0.42	NT	NT	NT	NT

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		U Value	SHGC	Rw	C	Ctr	Rw+Ctr
GY5/12AR/LG6	Grey 5mm / Argon Gap 12 / Grey Laminate 6.38mm	3.509	0.39	NT	NT	NT	NT
GY5/12AR/LCOP7	Grey 5mm / Argon Gap 12 / VLamHush 6.5mm	3.519	0.42	NT	NT	NT	NT
LC6/12AR/LG6	Clear Laminate 6.38mm / Argon Gap 12 / Grey Laminate 6.38mm	3.483	0.52	NT	NT	NT	NT
LCOP7/10AR/LC6	VLamHush 6.5mm / Argon Gap 10 / Clear Laminate 6.38mm	3.549	0.57	NT	NT	NT	NT
CSC4/16AR/CL4	SP10 4mm / Argon Gap 16 / Clear 4mm	2.859	0.56	NT	NT	NT	NT
CSC4/14AR/CL5	SP10 4mm / Argon Gap 14 / Clear 5mm	2.85	0.55	NT	NT	NT	NT
CSC4/12AR/LC6	SP10 4mm / Argon Gap 12 / Clear Laminate 6.38mm	2.828	0.55	NT	NT	NT	NT
CSC6/12AR/CL5	SP10 6mm / Argon Gap 12 / Clear 5mm	2.821	0.53	NT	NT	NT	NT
CSC6/10AR/LC6	SP10 6mm Clear / Argon Gap 10 / Clear Laminate 6.38mm	2.859	0.53	NT	NT	NT	NT
CSN4/14AR/CL5	SP30 Neutral 4mm / Argon Gap 14 / Clear 5mm	2.859	0.4	NT	NT	NT	NT
CSN4/12AR/LC6	SP30 Neutral 4mm / Argon Gap 12 / Clear Laminate 6.38mm	2.838	0.4	NT	NT	NT	NT
CSN6/12AR/CL5	SP30 Neutral 6mm / Argon Gap 12 / Clear 5mm	2.831	0.4	NT	NT	NT	NT
CSN6/10AR/LC6	SP30 Neutral 6mm / Argon Gap 10 / Clear Laminate 6.38mm	2.869	0.39	NT	NT	NT	NT
CS35G6/12AR/CL5	SP35 6mm Grey / Argon Gap 12 / Clear 5mm	2.853	0.34	NT	NT	NT	NT
CS35G6/12AR/LC6	SP35 6mm Grey / Argon Gap 12 / Clear Laminate 6.38mm	2.835	0.34	NT	NT	NT	NT
LCPC6/12AR/CL5	Comfort Plus Clear 6.38mm / Argon Gap 12 / Clear 5mm	2.814	0.52	NT	NT	NT	NT
LCP6/12AR/CL5	Comfort Plus Neutral 6.38mm / Argon Gap 12 / Clear 5mm	2.829	0.38	NT	NT	NT	NT
LGP6/12AR/CL5	Comfort Plus Grey 6.38mm / Argon Gap 12 / Clear 5mm	2.818	0.36	NT	NT	NT	NT
SNC5/14AR/CL5	Panibel G 5mm (SUNERGY CLEAR) / Argon Gap 14 / Clear 5mm	2.881	0.54	NT	NT	NT	NT
SNC5/12AR/LC6	Panibel G 5mm (SUNERGY CLEAR)/ Argon 12 / Clear Laminate 6.38mm	2.86	0.54	NT	NT	NT	NT
SN5/14AR/CL5	Sunergy Neutral 5mm / Argon Gap 14 / Clear 5mm	3.115	0.35	NT	NT	NT	NT
SN5/12AR/LC6	Sunergy Neutral 5mm / Argon Gap 12 / Clear Laminate 6.38mm	3.147	0.35	NT	NT	NT	NT
SNG6/10AR/LC6	Sunergy Grey 6mm / Argon Gap 10 / Clear Laminate 6.38mm	3.063	0.3	NT	NT	NT	NT
SNG6/12AR/CL5	Sunergy Grey 6mm / Argon Gap 12 / Clear 5mm	3.025	0.3	NT	NT	NT	NT
LSN6/12AR/CL5	Sunergy Neutral 6.38mm / Argon Gap 12 / Clear 5mm	3.014	0.43	NT	NT	NT	NT
LSG6/12AR/CL5	Sunergy Grey 6.38mm / Argon Gap 12 / Clear 5mm	3.003	0.31	NT	NT	NT	NT
LO6-TRAN/6AR/CL5	WTransLam 6.38mm / Argon Gap 6 / Clear 5mm	3.8	0.49	NT	NT	NT	NT

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		U Value	SHGC	Rw	C	Ctr	Rw+Ctr
4/16/4	4mm / Air 16mm / 4mm	NT	NT	26	-1	-4	22
5/14/5	5mm / Air 14mm / 5mm	NT	NT	29	-1	-3	26
6/14/6	6mm / Air 14mm / 6mm	NT	NT	30	-1	-4	26
6.38/14/4	Laminate 6.38mm / Air 14 / 4mm	NT	NT	32	-1	-4	28
6.38/14/5	Laminate 6.38mm / Air 14 / 5mm	NT	NT	33	-2	-5	28
6.38/12/6.52	Laminate 6.38mm / Air 12 / VLamHush 6.52mm	NT	NT	35	-1	-5	30
6.52/14/4	VLamHush 6.52mm / Air 14 / 4mm	NT	NT	34	-1	-5	29
6.52/12/6.38	VLamHush 6.52mm / Air 12 / Laminate 6.38mm	NT	NT	35	-1	-5	30
<b>Jason Benchmark Fixed Window - 1 Panel, Single Glazed BF10</b>							
CL4	Clear 4mm	6	0.75	26	-1	-2	24
CL5	Clear 5mm	6	0.74	27	0	-1	26
GY5	Grey 5mm	6	0.55	27	0	-1	26
LC6	Laminate Clear 6.38mm	5.9	0.73	30	0	-2	28
LG6	Laminate Grey 6.38mm	5.9	0.57	30	0	-2	28
CSC4	SmartGlass SP10 Clear - Polaris 4mm	4.4	0.68	26	-1	-2	24
CSC6	SmartGlass SP10 Clear - Polaris 6mm	4.3	0.63	29	-1	-2	27
CSN4	SmartGlass SP30 Neutral - Panoramic 4mm	4.4	0.49	26	-1	-2	24
CSN6	SmartGlass SP30 Neutral - Panoramic 6mm	4.3	0.33	29	-1	-2	27
CS35G6	Smart Glass SP35 Grey 6mm	4.3	0.48	29	-1	-2	27
LCP6	Comfort Plus Neutral 6.38mm	4.1	0.46	30	0	-2	28
LGP6	Comfort Plus Grey 6.38mm	4.3	0.45	30	0	-2	28
SN4	Sunergy Neutral 4mm	4.5	0.54	26	-1	-2	24
SN6	Sunergy Neutral 6mm	4.5	0.53	29	-1	-2	27
LSN6	Sunergy Neutral 6.38mm	4.4	0.52	30	0	-2	28
LSGY6	Sunergy Grey 6.38mm	4.4	0.39	30	0	-2	28
10	10mm	NT	NT	30	-1	-2	28
10.38	Laminate 10.38mm	NT	NT	33	0	-1	32

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Glass Code	Glazing Description
6.52	V-Lam Hush 6.52mm
10.52	V-Lam Hush 10.52mm
<b>Jason Benchmark Fixed Window - Double Glazed BFU10</b>	
CL4/6AR/CSC4	Clear 4mm / Argon Gap 6mm / Smart glass SP10 4mm

Thermal Data	
U Value	SHGC
NT	NT
NT	NT
<b>Jason Benchmark Fixed Window - Double Glazed BFU10</b>	
3	0.63

Acoustic Data			
Rw	C	Ctr	Rw+Ctr
33	0	-3	<b>30</b>
36	0	-2	<b>34</b>
<b>Jason Benchmark Fixed Window - Double Glazed BFU10</b>			
NT	NT	NT	NT