

# Jason Energy & Acoustic Data: Hinged Doors

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 Benchmark Single Hinged Door - Single Glazed BD11</b>							
TC5	Clear 5mm	6	0.59	28	-1	-1	<b>27</b>
LC6	Laminate Clear 6.38mm	5.9	0.58	31	-1	-2	<b>29</b>
LG6	Laminate Grey 6.38mm	5.9	0.46	31	-1	-2	<b>29</b>
TCSC4	SmartGlass SP10 Clear - Polaris 4mm	4.8	0.54	NT	NT	NT	NT
TCSC6	SmartGlass SP10 Clear - Polaris 6mm	4.8	0.5	30	-2	-2	<b>28</b>
TCSN4	SmartGlass SP30 Neutral - Panoramic 4mm	4.8	0.39	NT	NT	NT	NT
TCSN6	SmartGlass SP30 Neutral - Panoramic 6mm	4.8	0.39	30	-2	-2	<b>28</b>
TCS35G6	Smart Glass SP35 Grey 6mm	4.8	0.28	30	-2	-2	<b>28</b>
LCP6	Comfort Plus Neutral 6.38mm	4.5	0.37	31	-1	-2	<b>29</b>
LGP6	Comfort Plus Grey 6.38mm	4.7	0.37	31	-1	-2	<b>29</b>
TSN4	Sunergy Neutral 4mm	4.8	0.44	NT	NT	NT	NT
TSN6	Sunergy Neutral 6mm	4.8	0.43	30	-2	-2	<b>28</b>
LSN6	Sunergy Neutral 6.38mm	4.8	0.42	31	-1	-2	<b>29</b>
LSGY6	Sunergy Grey 6.38mm	4.8	0.32	31	-1	-2	<b>29</b>
6.52	V-Lam Hush 6.52mm	NT	NT	34	-1	-3	<b>31</b>
<b>Jason Benchmark Single Hinged Door - Double Glazed BDU11</b>							
TC5/6AR/TCSC6	Clear 5mm / Argon Gap 6mm / Smart Glass SP10 6mm	3.8	0.48	NT	NT	NT	NT
<b>Jason Benchmark Double Hinged Door - Single Glazed BD22</b>							
TC5	Clear 5mm	6	0.59	26	NT	-3	<b>23</b>
LC6	Laminate Clear 6.38mm	5.9	0.58	30	NT	-3	<b>27</b>
LG6	Laminate Grey 6.38mm	5.9	0.46	30	NT	-3	<b>27</b>
TCSC4	SmartGlass SP10 Clear - Polaris 4mm	4.8	0.54	NT	NT	NT	NT
TCSC6	SmartGlass SP10 Clear - Polaris 6mm	4.8	0.5	NT	NT	NT	NT
TCSN4	SmartGlass SP30 Neutral - Panoramic 4mm	4.8	0.39	NT	NT	NT	NT
TCSN6	SmartGlass SP30 Neutral - Panoramic 6mm	4.8	0.39	NT	NT	NT	NT
TCS35G6	Smart Glass SP35 Grey 6mm	4.8	0.28	NT	NT	NT	NT
LCP6	Comfort Plus Neutral 6.38mm	4.5	0.37	30	NT	-3	<b>27</b>

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Glass Code	Glazing Description	Thermal Data		Acoustic Data			
		U Value	SHGC	Rw	C	Ctr	Rw+Ctr
LGP6	Comfort Plus Grey 6.38mm	4.7	0.37	30	NT	-3	<b>27</b>
TSN4	Sunergy Neutral 4mm	4.8	0.44	NT	NT	NT	NT
TSN6	Sunergy Neutral 6mm	4.8	0.43	NT	NT	NT	NT
LSN6	Sunergy Neutral 6.38mm	4.8	0.42	30	NT	-3	<b>27</b>
LSNGY6	Sunergy Grey 6.38mm	4.8	0.32	30	NT	-3	<b>27</b>
10.38	Laminate 10.38mm	NT	NT	32	-1	-3	<b>29</b>
6.52	V Lam Hush	NT	NT	34	NT	-3	<b>31</b>
<b>Jason Sentry Double Hinged Door - Single Glazed EG22</b>							
10	10mm	NT	NT	32	-2	-3	<b>29</b>
10.38	Laminate 10.38mm	NT	NT	32	-2	-3	<b>29</b>
10.52	V-Lam Hush 10.52mm	NT	NT	35	-1	-2	<b>33</b>
<b>Jason Sentry Double Hinged Door - Double Glazed - EGU22</b>							
5/8/5	5mm / 8 / 5mm	NT	NT	28	-2	-3	<b>25</b>
6.38/6/5	Laminate 6.38mm / 6 / 5mm	NT	NT	34	-1	-3	<b>31</b>
6.52/6/5	V-Lam Hush 6.52mm / 6 / 5mm	NT	NT	36	-1	-3	<b>33</b>
6.52/6/6.38	V-Lam Hush 6.52mm / 6 / Laminate 6.38mm	NT	NT	37	-1	-5	<b>32</b>