

ALUMINUM PRODUCTS ACOUSTICAL RATINGS



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ACOUSTICAL RATINGS SUMMARY

4500T SLIDING BALCONY DOOR – Based on a double glazed 21mm IGU

GLASS EXT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
6mm Temp.	10mm AIR	4mm Temp.	TL2351J	32	27
6mm Temp.	8mm AIR	6mm Lam. (PVB 0.8mm)	TL2351H	32	28
4mm Temp.	10mm AIR	6mm Lam. (PVB 0.8mm)	TL2351G	33	28

4503 LIFT & SLIDE BALCONY DOOR – Based on a double glazed 25mm IGU

GLASS EXT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
6mm Temp.	16mm AIR	4mm Temp.	TL6332	35	28
4mm Temp.	16mm AIR	6mm Lam. (PVB 0.8mm)	TL6331	36	29
6mm Temp.	14mm AIR	6mm Lam. (PVB 0.8mm)	TL6333	36	29
8mm Temp.	19mm AIR	10mm Acoustic Lam. (PVB 0.8mm)	TL7623	40	31
6mm Temp.	19mm AIR	12mm Acoustic Lam. (PVB 0.8mm)	TL7627	40	32
8mm Acoustic Lam. (PVB 0.8mm)	17mm AIR	10mm Acoustic Lam. (PVB 0.8mm)	TL7628	42	32

4503 LIFT & SLIDE BALCONY DOOR – Based on triple glazed 37mm IGU

GLASS EXT.	GAP	GLASS CENTRE	GAP	GLASS INT.	TEST NUMBER	STC	OITC
6mm Temp.	11mm	4mm Temp.	11mm	4mm Temp.	TL6334	37	29
6mm Temp.	13mm	4mm Temp.	11mm	6mm Lam. (PVB 0.8mm)	TL6336	38	29
6mm Temp.	11mm	4mm Temp.	11mm	8mm Lam. (PVB 0.8mm)	TL6335	39	29
5mm Temp.	10mm	4mm Temp.	10mm	8mm Acoustic Lam. (PVB 0.8mm)	TL7626	40	31

5000T PUNCH WINDOW – Based on a double glazed 23mm IGU

GLASS EXT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
3mm Ann.	16mm AIR	3mm Ann.	TL2103	30	23
5mm Ann.	14mm AIR	3mm Ann.	TL2113	34	27
6mm Ann.	13mm AIR	4mm Ann.	TL2115	35	29
4mm Ann.	13mm AIR	6mm Lam. (PVB 0.8mm)	TL2122	37	30
6mm Lam. (PVB 0.8mm)	11mm AIR	6mm Lam. (PVB 0.8mm)	TL2182	39	30

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9000 WINDOW WALL – Based on a double glazed 23mm IGU

GLASS EXT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
4mm Ann.	14mm AIR	4mm Ann.	TL7227	33	27
5mm Ann.	14mm AIR	5mm Ann.	TL7226	34	28
4mm Ann.	16mm AIR	5mm Ann.	TL7225	37	30
6mm Lam. (PVB 0.8mm)	10mm AIR	6mm Lam. (PVB 0.8mm)	TL2584	38	30
4mm Ann.	13mm AIR	6mm Ann	TL7334	36	31
5mm Ann.	13mm AIR	6mm Ann	TL7341	37	31
4mm Ann.	13mm AIR	6mm Lam. (PVB 0.8mm)	TL7296	38	31
6mm Ann.	11mm AIR	6mm Lam. (PVB 0.8mm)	TL7338	39	32
5mm Ann.	13mm AIR	6mm Lam. (PVB 0.8mm)	TL7340	40	32

9003 WINDOW WALL – Based on a triple glazed 46mm IGU

GLASS EXT.	GAP	GLASS CENTRE	GAP	GLASS INT.	TEST NUMBER	STC	OITC
4mm Ann.	16mm	4mm Ann.	20mm	4mm Ann.	TL7230	37	27
4mm Ann.	17mm	4mm Ann.	17mm	6mm Ann.	TL7229	40	31
6mm Temp.	16mm	4mm Temp.	14mm	6mm Lam. (PVB 0.8mm)	TL2180A	41	33
6mm Ann.	14mm	4mm Ann.	14mm	8mm Ann.	TL2312	41	34
6mm Ann.	14mm	4mm Ann.	14mm	8mm Lam. (PVB 0.8mm)	TL2306	44	35
6mm Ann.	13mm	4mm Ann.	13mm	10mm Ann.	TL2311 TL2305	42	36
6mm Ann.	13mm	4mm Ann.	13mm	10mm Lam. (PVB 0.8mm)	TL2313	43	36
6mm Ann.	11mm	4mm Ann.	13mm	12mm Ann.	TL2308	42	36
6mm Ann.	11mm	4mm Ann.	13mm	12mm Lam. (PVB 0.8mm)	TL2309	44	37

9100R WINDOW WALL – Based on a double glazed 25mm IGU

GLASS EXT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
5mm Ann.	16mm AIR	5mm Ann.	TL7249	35	28
4mm Ann.	16mm AIR	6mm Ann.	TL7248	37	31
6mm Ann.	14mm AIR	6mm Ann.	TL7246	37	31
6mm Ann.	12mm AIR	6mm Lam. (PVB 0.8mm)	TL7243	38	31
4mm Ann.	14mm AIR	6mm Lam. (PVB 0.8mm)	TL7241	40	32
5mm Ann.	14mm AIR	6mm Lam. (PVB 0.8mm)	TL7250	39	32
6mm Ann.	11mm AIR	8mm Ann	TL7247	38	33
6mm Ann.	10mm AIR	8mm Lam. (PVB 0.8mm)	TL7244	40	34

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9000SSG HYBRID WALL – 25mm double glazed IGU

GLASS EXT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
6mm Ann.	13mm AIR	6mm Ann.	TL7219	35	29
6mm Ann.	11mm AIR	8mm Ann.	TL7292	37	32
6mm Ann.	11mm AIR	10mm Ann.	TL7220	37	33
6mm Ann.	13mm AIR	10mm Ann.	TL7356	39	33

UNITIZED CURTAIN WALL – 26mm double glazed IGU

GLASS EXT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
6mm Ann.	15mm AIR	6mm Ann.	TL7223	35	29
6mm Ann.	12mm AIR	8mm Ann.	TL7222	37	32
6mm Ann.	10mm AIR	10mm Ann.	TL7221	37	33

9502 OUTSWING BALCONY DOOR – 26mm double glazed IGU

GLASS EXT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
4mm Temp.	19mm AIR	4mm Temp.	TL7320	33	27
5mm Temp.	17.5mm AIR	5mm Temp.	TL7322	34	28
6mm Temp.	16mm AIR	6mm Temp.	TL7324	34	29
5mm Temp.	17mm AIR	4mm Temp.	TL7321	35	29
6mm Temp.	16mm AIR	4mm Temp.	TL2825C	35	30
6mm Temp.	15mm AIR	5mm Temp.	TL7323	35	30
4mm Temp.	16mm AIR	6mm Lam. (PVB 0.8mm)	TL7327	36	30
6mm Temp.	12mm AIR	8mm Temp.	TL7325	36	31
6mm Temp.	13mm AIR	8mm Lam. (PVB 0.8mm)	TL7326	37	32
4mm Temp.	16mm AIR	8mm Lam. (PVB 0.8mm)	TL7332	37	31

9502 OUTSWING BALCONY DOOR – 37mm double glazed IGU

GLASS EXT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
4mm Temp.	25mm AIR ¹	6mm Temp.	TL2915U	36	29
4mm Temp.	25mm AIR ¹	6mm Lam. (PVB 0.8mm)	TL2915F	37	30
6mm Temp.	25mm AIR ¹	6mm Lam. (PVB 0.8mm)	TL2915C	37	29
6mm Temp.	21mm AIR	10mm Temp.	TL7333	37	32
6mm Temp.	21mm AIR	12mm Lam. (PVB 0.8mm)	TL7330	39	34
6mm Temp.	18.5mm AIR	10mm Acoustic Lam. (PVB 0.8mm)	TL7331	39	33

¹ Only available in mill finish aluminum spacer bar.

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9502 OUTSWING BALCONY DOOR – 37mm triple glazed IGU

GLASS EXT.	GAP	GLASS INT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
6mm Temp.	11mm AIR	4mm Temp.	11mm AIR	4mm Temp.	TL2915E	36	30

9503 OUTSWING BALCONY DOOR – 46mm triple glazed IGU

GLASS EXT.	GAP	GLASS CENTRE	GAP	GLASS INT.	TEST NUMBER	STC	OITC
4mm Temp.	16mm	4mm Temp.	20mm	4mm Temp.	TL7318	34	22
6mm Temp.	16.5mm	4mm Temp.	16.5mm	4mm Temp.	TL7317	37	29
6mm Temp.	12mm	4mm Temp.	14mm	10mm Temp.	TL7319	37	30
6mm Temp.	13mm	4mm Temp.	16mm	8mm Temp.	TL7316	37	31
6mm Temp.	14mm	4mm Temp.	14mm	8mm Lam. (PVB 0.8mm)	TL7253	39	32
5mm Temp.	14mm	4mm Temp.	16mm	6mm Acoustic Lam. (PVB 0.8mm)	TL7634	40	33
6mm Temp.	11mm	4mm Temp.	11mm	12mm Acoustic Lam. (PVB 0.8mm)	TL7629	40	36