

# ALUMINUM PRODUCTS

## ACOUSTICAL RATINGS SUMMARY SHEET



[www.starlinewindows.com](http://www.starlinewindows.com)

### **4500R & 4600 SLIDING BALCONY DOOR** – Based on a double glazed 25mm IGU

GLASS EXT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
4mm Temp.	17mm AIR	4mm Temp.	TL8212	32	25
5mm Temp.	14mm AIR	5mm Temp.	TL8214	32	25
5mm Temp.	16mm AIR	4mm Temp.	TL8213	35	27
6mm Temp.	11mm AIR	6mm Temp.	TL8210	34	28
6mm Temp.	14mm AIR	4mm Temp.	TL8215	34	29
6mm Temp.	14mm AIR	5mm Temp.	TL8209	36	29
4mm Temp.	14mm AIR	6mm Lam. (PVB 0.8mm)	TL8217	36	29
5mm Temp.	14mm AIR	6mm Lam. (PVB 0.8mm)	TL8218	36	29
6mm Temp.	13mm AIR	6mm Lam. (PVB 0.8mm)	TL8208A	36	29
6mm Temp.	10mm AIR	8mm Temp.	TL8211	36	31
6mm Temp.	11mm AIR	8mm Lam. (PVB 0.8mm)	TL8216	37	32
6mm Temp.	6mm AIR	10mm Lam. (PVB 0.8mm)	TL8219	38	33

### **4504 & 4506 COMPRESSION SEAL SLIDING BALCONY DOOR** – Based on a double glazed 27mm IGU

GLASS EXT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
4mm Temp.	16mm AIR	4mm Temp.	TL8551A	32	25
6mm Temp.	12mm AIR	6mm Temp.	TL8554	33	28
6mm Temp.	14mm AIR	4mm Temp.	TL8555	35	29
4mm Temp.	14mm AIR	6mm Lam. (PVB 0.8mm)	TL8549	35	29
6mm Temp.	12mm AIR	6mm Lam. (PVB 0.8mm)	TL8548	35	29
6mm Temp.	14mm AIR	5mm Temp.	TL8550	36	29
6mm Temp.	10mm AIR	8mm Temp.	TL8553	36	31
6mm Temp.	11mm AIR	8mm Lam. (PVB 0.8mm)	TL8552	38	32

### **4504 & 4506 COMPRESSION SEAL SLIDING BALCONY DOOR** – Based on triple glazed 41mm IGU

GLASS EXT.	GAP	GLASS CENTRE	GAP	GLASS INT.	TEST NUMBER	STC	OITC
6mm Temp.	10mm	4mm Temp.	16mm	4mm Temp.	TL8558	34	26
6mm Temp.	10mm	4mm Temp.	14mm	6mm Temp.	TL8560	36	28
6mm Temp.	10mm	4mm Temp.	14mm	6mm Lam. (PVB 0.8mm)	TL8559	37	28
6mm Temp.	10mm	4mm Temp.	12mm	8mm Lam. (PVB 0.8mm)	TL8557	39	30
6mm Temp.	8mm	4mm Temp.	12mm	10mm Lam. (PVB 0.8mm)	TL8556	39	33

# ALUMINUM PRODUCTS

## ACOUSTICAL RATINGS SUMMARY SHEET



[www.starlinewindows.com](http://www.starlinewindows.com)

### **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

### **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)	TL7240	39	31
4mm Ann.	14mm AIR	6mm Acoustic 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)	TL7242	39	33
6mm Ann.	10mm AIR	8mm Acoustic Lam. (PVB 0.8mm)	TL7244	40	34

### **9200 WINDOW WALL** – Based on a double glazed 25mm IGU

GLASS EXT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
4mm Ann.	16mm AIR	4mm Ann.	TL9108	33	27
5mm Ann.	15mm AIR	5mm Ann.	TL9110	34	28
4mm Ann.	17mm AIR	5mm Ann.	TL9112	35	28
4mm Ann.	15mm AIR	6mm Ann.	TL9107	37	30
6mm Ann.	14mm AIR	6mm Lam. (PVB 0.8mm)	TL9111	37	31
4mm Ann.	16mm AIR	6mm Lam. (PVB 0.8mm)	TL9113	38	31
5mm Ann.	14mm AIR	6mm Lam. (PVB 0.8mm)	TL9114	38	31
6mm Ann.	13mm AIR	8mm Ann.	TL9109	38	33
6mm Ann.	11mm AIR	8mm Lam. (PVB 0.8mm)	TL9115	39	33

# ALUMINUM PRODUCTS

## ACOUSTICAL RATINGS SUMMARY SHEET



[www.starlinewindows.com](http://www.starlinewindows.com)

### **9200 WINDOW WALL** – Based on a triple glazed 40mm IGU

GLASS EXT.	GAP	GLASS CENTRE	GAP	GLASS INT.	TEST NUMBER	STC	OITC
4mm Ann.	10mm	4mm Ann.	16mm	5mm Ann.	TL9102	38	29
6mm Ann.	17mm	4mm Ann.	11mm	4mm Ann.	TL9101	40	32
6mm Ann.	16mm	4mm Temp.	11mm	6mm Lam. (PVB 0.8mm)	TL9105	40	32
6mm Ann.	11mm	4mm Temp.	14mm	8mm Lam. (PVB 0.8mm)	TL9104	41	34
6mm Ann.	9mm	4mm Ann.	13mm	10mm Lam. (PVB 0.8mm)	TL9106	42	35
6mm Ann.	9mm	4mm Ann.	13mm	12mm Lam. (PVB 0.8mm)	TL9103	42	35

### **9600 WINDOW WALL** – Based on a double glazed 25mm IGU

GLASS EXT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
6mm Ann.	12mm AIR	6mm Ann.	TL8236	35	29
6mm Ann.	14mm AIR	4mm Ann.	TL8227	37	30
6mm Ann.	15mm AIR	4mm Ann.	TL8582	37	30
6mm Ann.	14mm AIR	5mm Ann.	TL8229	37	30
6mm Ann.	12mm AIR	6mm Lam. (PVB 0.8mm)	TL8234	37	30
6mm Ann.	10mm AIR	8mm Ann.	TL8226	37	31
6mm Ann.	8mm AIR	10mm Lam. (PVB 0.8mm)	TL8235	38	33

### **9600 WINDOW WALL** – Based on a triple glazed 40mm IGU

GLASS EXT.	GAP	GLASS CENTRE	GAP	GLASS INT.	TEST NUMBER	STC	OITC
4mm Ann.	11mm	4mm Ann.	16mm	4mm Ann.	TL8222	35	26
5mm Ann.	10mm	4mm Ann.	16mm	4mm Ann.	TL8221	38	28
6mm Ann.	10mm	4mm Temp.	14mm	6mm Ann.	TL8223	38	30
6mm Ann.	10mm	4mm Temp.	14mm	6mm Lam. (PVB 0.8mm)	TL8581	39	31
6mm Ann.	10mm	4mm Ann.	16mm	4mm Ann.	TL8220A	40	32
6mm Ann.	10mm	4mm Ann.	12mm	8mm Lam. (PVB 0.8mm)	TL8224	41	34
6mm Ann.	8mm	4mm Ann.	12mm	10mm Lam. (PVB 0.8mm)	TL8580	42	35
6mm Ann.	8mm	4mm Ann.	11mm	12mm Lam. (PVB 0.8mm)	TL8579	42	36

# ALUMINUM PRODUCTS

## ACOUSTICAL RATINGS SUMMARY SHEET



[www.starlinewindows.com](http://www.starlinewindows.com)

### **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 & 9506 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	Acoustic 8mm Lam. (PVB 0.8mm)	TL7332	37	31

### **9502 & 9506 OUTSWING BALCONY DOOR** – 37mm double glazed IGU

GLASS EXT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
4mm Temp.	25mm AIR <sup>1</sup>	6mm Temp.	TL2915U	36	29
4mm Temp.	25mm AIR <sup>1</sup>	6mm Lam. (PVB 0.8mm)	TL2915F	37	30
6mm Temp.	25mm AIR <sup>1</sup>	6mm Lam. (PVB 0.8mm)	TL2915C	37	29
6mm Temp.	21mm AIR	10mm Temp.	TL7333	37	32
6mm Temp.	21mm AIR	10mm Lam. (PVB 0.8mm)	TL7329	38	32
6mm Temp.	18.5mm AIR	10mm Acoustic Lam. (PVB 0.8mm)	TL7331	39	33
6mm Temp.	21mm AIR	12mm Lam. (PVB 0.8mm)	TL7330	39	34

<sup>1</sup> Only available in mill finish aluminum spacer bar.

# ALUMINUM PRODUCTS

## ACOUSTICAL RATINGS SUMMARY SHEET



[www.starlinewindows.com](http://www.starlinewindows.com)

### **9503 & 9506 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

### **9512 OUTSWING BALCONY DOOR** – 26mm double glazed IGU

GLASS EXT.	GAP	GLASS INT.	TEST NUMBER	STC	OITC
4mm Temp.	14mm AIR	4mm Temp.	TL9128	33	27
5mm Temp.	17mm AIR	5mm Temp.	TL9127	33	28
5mm Temp.	16mm AIR	4mm Temp.	TL9131	36	30
4mm Temp.	17mm AIR	6mm Lam. (PVB 0.8mm)	TL9132	37	30
4mm Temp.	16mm AIR	6mm Temp.	TL9130	36	31
6mm Temp.	14mm AIR	6mm Lam. (PVB 0.8mm)	TL9134	37	31
6mm Temp.	13mm AIR	8mm Temp.	TL9129	36	32
5mm Temp.	16mm AIR	6mm Lam. (PVB 0.8mm)	TL9135	38	32
6mm Temp.	13mm AIR	8mm Lam. (PVB 0.8mm)	TL9133	38	33

### **9513 OUTSWING BALCONY DOOR** – 46mm triple glazed IGU

GLASS EXT.	GAP	GLASS CENTRE	GAP	GLASS INT.	TEST NUMBER	STC	OITC
4mm Temp.	16mm	4mm Temp.	19mm	5mm Temp.	TL9091	37	29
6mm Temp.	18mm	4mm Temp.	14mm	4mm Temp.	TL9090	37	31
6mm Temp.	13mm	4mm Temp.	18mm	6mm Lam. (PVB 0.8mm)	TL9093	38	31
6mm Temp.	13mm	4mm Temp.	16mm	8mm Temp.	TL9092	37	32
6mm Temp.	16mm	4mm Temp.	11mm	8mm Lam. (PVB 0.8mm)	TL9094	39	32
6mm Temp.	12mm	4mm Temp.	13mm	10mm Lam. (PVB 0.8mm)	TL9088	39	32
6mm Temp.	13mm	4mm Temp.	10mm	12mm Lam. (PVB 0.8mm)	TL9089	38	34