selectaglaze
ALBAN PARK
HATFIELD ROAD
ST. ALBANS
HERTS AL4 0JJ
TEL: 01727 837271
FAX: 01727 844053

DATA SHEET NUMBER DS-056

Primary Glass Thickness	Secondary Glass Thickness	Rw dB valves for Selectaglaze Ltd Secondary Glazing Systems*																							
		S10 HS	S15 HS	S20 VS	S25 VS	S30 LO	S31 LO	S41 SHC	S41 DSH	S41 LO	S40 FL	S44 SHC	S44 DSH	S45 SHC	S45 DSH	S45 LO	S46 FL	S50 SHC	S50 LO	S55 DFL	S60 TVS	S80 HS	S85 HS	S90 VS	S95 VS
		50mm cavity																							
6mm	4mm Toughened	39		39		38								41	39	41					40				
6mm	6mm	39		39		38		41	39	41	41			41	39	41	41	40	40		40	40		40	
6mm	6.4mm	39		39		38		41	39	41	41			41	39	41					40	40		40	
6mm	6.4mm Accoustic	40		40		39		42	40	42	42			42	40	42					41	41		41	
6mm	6.8mm	40		40		39		42	40	42	42			42	40	42					41	41		41	
6mm	6.8mm Accoustic	40		40		39		42	40	42	42			42	40	42					41	41		41	
6mm	7.5mm							42	40	42	42							41	41	40		41		40	40
6mm	8mm Toughened							43	41	43	43											41		42	
6mm	8.8mm							43	41	43	43											41		42	
6mm	8.8mm Accoustic							43	41	43	43							42	42			41		42	
6mm	9.5mm							43	41	43	43						43	42	42	41		41	41	42	41
6mm	10mm Toughened							43	41	43	43											41		42	
6mm	10.8mm Accoustic							44	42	44	44							43	43			43		42	
6mm	10.8mm							44	42	44	44							43	43			43		42	
6mm	11.5mm							44	42	44	44						44	43	43	42		43	42	43	42
6mm	12mm Toughened							44	42	44	44											43		42	

Rw Correction Factors (based upon laboratory scenarios)

acoustic tiles on 3 No sides - low spec glass	+2 dB
acoustic tiles on 3 No sides - high spec glass	+1 dB
acoustic vent 4000 open	-2 dB
trickle vent 4000 open	-3 dB
trickle vent 8000 open	-5 dB

Values have been interpolated and extrapolated from Rw values achieved at Taylor Woodrow on 21 to 22 March 2006.

50mm cavity

*See attached Selectaglaze drawings in Appendix A illustrating secondary glazing systems listed above

DRAWN	DATE	ISSUE	AA	AB	AC	AD	AE	AF
Sarjak G	23-06-21	C.N.	15/042	16-058	16-072	17-003	18-036	21-009
DESCRIPTION	Rw dB values for selectaglaze Systems							

SHEET 1 OF 4 SHEETS | CAD FILE NAME DS-056-AF.dwg

DATA SHEET NUMBER DS-056 | ISSUE AF

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		S10 HS	S15 HS	S20 VS	S25 VS	S30 LO	S31 LO	S41 SHC	S41 DSH	S41 LO	S40 FL	S44 SHC	S44 DSH	S45 SHC	S45 DSH	S45 LO	S46 FL	S50 SHC	S50 LO	S55 DFL	S60 TVS	S80 HS	S85 HS	S90 VS	S95 VS
		100mm cavity																						
6mm	4mm Toughened	43		43		42								45	43	45					44				
6mm	6mm Toughened	43		43		42		45	43	45	45			45	43	45	45	44	44		44	44		44	
6mm	6.4mm	43		43		42		45	43	45	45			45	43	45					44	44		44	
6mm	6.4mm Accoustic	44		44		43		46	44	46	46			46	44	46					45	45		45	
6mm	6.8mm	44		44		43		46	44	46	46			46	44	46					45	45		45	
6mm	6.8mm Accoustic	44		44		43		46	44	46	46			46	44	46					45	45		45	
6mm	7.5mm							46	44	46	46							45	45	44		45		44	44
6mm	8mm Toughened							47	45	47	47											46		46	
6mm	8.8mm							47	45	47	47											46		46	
6mm	8.8mm Accoustic							47	45	47	47							46	46			46		46	
6mm	9.5mm							47	45	47	47						47	46	46	45		46	45	46	45
6mm	10mm Toughened							47	45	47	47											46		46	
6mm	10.8mm Accoustic							48	46	48	48							47	47			47		46	
6mm	10.8mm							48	46	48	48							47	47			47		46	
6mm	11.5mm							48	46	48	48						48	47	47	46		47	46	47	46
6mm	12mm Toughened							48	46	48	48											46		46	

Rw Correction Factors (based upon laboratory scenarios)

acoustic tiles on 3 No sides - low spec glass	+2 dB
acoustic tiles on 3 No sides - high spec glass	+1 dB
acoustic vent 4000 open	-2 dB
trickle vent 4000 open	-3 dB
trickle vent 8000 open	-5 dB

Values have been interpolated and extrapolated from Rw values achieved at Taylor Woodrow on 21 to 22 March 2006.

100mm cavity

*See attached Selectaglaze drawings in Appendix A illustrating secondary glazing systems listed above

DRAWN	DATE	ISSUE	AA	AB	AC	AD	AE	AF
Sarjak G	23-06-21	C.N.	15/042	16-058	16-072	17-003	18-036	21-009
DESCRIPTION	Rw dB values for selectaglaze Systems							

SHEET 2 OF 4 SHEETS | CAD FILE NAME DS-056-AF.dwg

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		S10 HS	S15 HS	S20 VS	S25 VS	S30 LO	S31 LO	S41 SHC	S41 DSH	S41 LO	S40 FL	S44 SHC	S44 DSH	S45 SHC	S45 DSH	S45 LO	S46 FL	S50 SHC	S50 LO	S55 DFL	S60 TVS	S80 HS	S85 HS	S90 VS	S95 VS
		150mm cavity																						
6mm	4mm Toughened	45		45		44								47	45	47					46				
6mm	6mm Toughened	45		45		44		47	45	47	47			47	45	47	47	46	46		46	46		46	
6mm	6.4mm	45		45		44		47	45	47	47			47	45	47					46	46		46	
6mm	6.4mm Accoustic	46		46		45		48	46	48	48			48	46	48					47	47		47	
6mm	6.8mm	46		46		45		48	46	48	48			48	46	48					47	47		47	
6mm	6.8mm Accoustic	46		46		45		48	46	48	48			48	46	48					47	47		47	
6mm	7.5mm							48	46	48	48							47	47	46		47		46	46
6mm	8mm Toughened							49	47	49	49											48		48	
6mm	8.8mm							49	47	49	49											48		48	
6mm	8.8mm Accoustic							49	47	49	49							48	48			48		48	
6mm	9.5mm							49	47	49	49						49	48	48	47		48	47	48	47
6mm	10mm							49	47	49	49											48		48	
6mm	10.8mm Accoustic							50	48	50	50							49	49			49		48	
6mm	10.8mm							50	48	50	50							49	49			49		48	
6mm	11.5mm							50	48	50	50						50	49	50	48		49	48	49	48
6mm	12mm Toughened							50	48	50	50											49		48	

Rw Correction Factors (based upon laboratory scenarios)

acoustic tiles on 3 No sides - low spec glass	+2 dB
acoustic tiles on 3 No sides - high spec glass	+1 dB
acoustic vent 4000 open	-2 dB
trickle vent 4000 open	-3 dB
trickle vent 8000 open	-5 dB

Values have been interpolated and extrapolated from Rw values achieved at Taylor Woodrow on 21 to 22 March 2006.

150mm cavity

*See attached Selectaglaze drawings in Appendix A illustrating secondary glazing systems listed above

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Sarjak G	23-06-21	C.N.	15/042	16-058	16-072	17-003	18-036	21-009
DESCRIPTION	Rw dB values for selectaglaze Systems							

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Primary Glass Thickness	Secondary Glass Thickness	Rw dB valves for Selectaglaze Ltd Secondary Glazing Systems*																						
		S10 HS	S15 HS	S20 VS	S25 VS	S30 LO	S31 LO	S41 SHC	S41 DSH	S41 LO	S40 FL	S44 SHC	S44 DSH	S45 SHC	S45 DSH	S45 LO	S46 FL	S50 SHC	S50 LO	S55 DFL	S60 TVS	S80 HS	S85 HS	S90 VS	S95 VS
		200mm cavity																						
6mm	4mm Toughened	45		45		44								47	45	47					46				
6mm	6mm Toughened	45		45		44		47	45	47	47			47	45	47	47	46	46		46	46		46	
6mm	6.4mm	45		45		44		47	45	47	47			47	45	47					46	46		46	
6mm	6.4mm Accoustic	46		46		45		48	46	48	48			48	46	48					47	47		47	
6mm	6.8mm	46		46		45		48	46	48	48			48	46	48					47	47		47	
6mm	6.8mm Accoustic	46		46		45		48	46	48	48			48	46	48					47	47		47	
6mm	7.5mm							48	46	48	48							47	47	46		47		46	46
6mm	8mm Toughened							49	47	49	49											48		48	
6mm	8.8mm							49	47	49	49											48		48	
6mm	8.8mmAccoustic							49	47	49	49							48	48			48		48	
6mm	9.5mm							49	47	49	49						49	48	48	47		48	47	48	47
6mm	10mm							49	47	49	49											48		48	
6mm	10.8mm Accoustic							50	48	50	50							49	49			49		48	
6mm	10.8mm							50	48	50	50							49	49			49		48	
6mm	11.5mm							50	48	50	50						50	49	49	48		49	48	49	48
6mm	12mm Toughened							50	48	50	50											49		48	

Rw Correction Factors (based upon laboratory scenarios)

acoustic tiles on 3 No sides - low spec glass	+2 dB
acoustic tiles on 3 No sides - high spec glass	+1 dB
acoustic vent 4000 open	-2 dB
trickle vent 4000 open	-3 dB
trickle vent 8000 open	-5 dB

Values have been interpolated and extrapolated from Rw values achieved at Taylor Woodrow on 21 to 22 March 2006.

200mm cavity

*See attached Selectaglaze drawings in Appendix A illustrating secondary glazing systems listed above

DRAWN	DATE	ISSUE	AA	AB	AC	AD	AE	AF
Sarjak G	23-06-21	C.N.	15/042	16-058	16-072	17-003	18-036	21-009
DESCRIPTION	Rw dB values for selectaglaze Systems							

SHEET 4 OF 4 SHEETS | CAD FILE NAME DS-056-AF.dwg

DATA SHEET NUMBER DS-056 | ISSUE AF