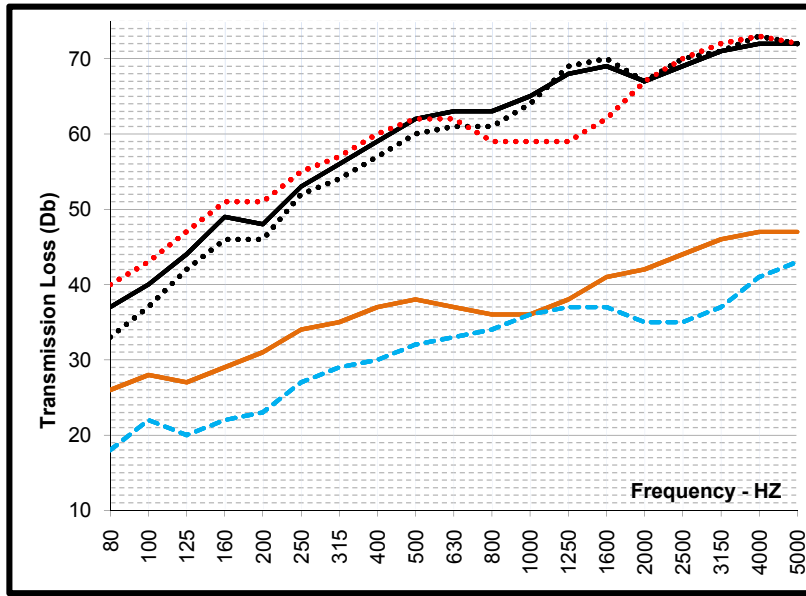




Soundproof Windows® STC Test Results

Sound Transmission Loss Data Details

Studio Window and Door STC Results



Graphed Studio Sliding Glass Door Results

Various windows and spacing combinations

1/3 Octave Band (HZ)	STC	OITC	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	Test Report Number	
Studio Fixed Vertical Windows																							
Windows in a 8.0" Overall Depth Wall																							
	SPW650 + SPW250	62	49	34	36	43	46	47	52	54	58	60	61	60	63	66	67	67	67	68	66	66	TL09-272
Windows in a 10.5" Overall Depth Wall																							
	SPW650 + SPW250	61	49	33	36	43	47	48	53	55	58	60	62	60	62	62	66	63	63	62	60	58	TL09-264
	Pair of SPW650s	60	49	33	37	44	47	49	54	55	58	60	61	56	60	57	65	63	63	62	60	58	TL09-265
Studio Fixed Slanted Windows (1 vertical + 1 slanted)																							
Windows in a 8.0" Overall Depth Wall (air space 4.0" top & 6.0" at bottom - Frame 3" past vertical)																							
	SPW650 + SPW250	61	47	33	34	42	46	46	51	53	57	59	60	59	62	67	66	66	66	67	66	66	TL09-275
Windows in a 10.5" Overall Depth Wall (air space 4.5" top & 8.75" at bottom - Frame 5" past vertical)																							
	SPW650 + SPW250	60	48	35	34	43	46	46	51	53	57	60	61	60	63	65	64	63	62	62	59	57	TL09-267
	Pair of SPW650s	61	49	33	38	44	47	49	54	56	58	60	61	55	60	65	65	64	63	62	60	58	TL09-266
Studio Operable Sliding Windows																							
	SPW650 single window	40	36	30	31	29	31	31	33	36	38	39	38	37	36	37	40	42	44	47	47	47	TL10-548
Windows in a 8.0" Overall Depth Wall																							
	Pair of SPW650s	62	51	35	40	44	48	49	53	56	58	60	61	59	59	67	69	66	70	71	71	71	TL10-552
Windows in a 10.5" Overall Depth Wall																							
	Pair of SPW650s	63	52	36	41	44	49	50	53	56	58	61	62	62	62	63	67	67	70	71	71	71	TL10-550
	SPW650 + SPW250	63	51	36	39	43	48	49	53	55	58	61	62	64	65	67	68	66	69	70	71	71	TL10-553
Studio Sliding Glass Doors (SGD)																							
	Single SGD650	39	35	26	28	27	29	31	34	35	37	38	37	36	36	38	41	42	44	46	47	47	TL10-561
	Single SGD250	34	29	18	22	20	22	23	27	29	30	32	33	34	36	37	37	35	35	37	41	43	TL10-558
Set of Doors in a 8.0" Overall Depth Wall																							
	SGD650 + SGD250	62	49	33	37	42	46	46	52	54	57	60	61	61	64	69	70	67	70	71	73	72	TL10-563
Set of Doors in a 10.5" Overall Depth Wall																							
	SGD650 + SGD250	63	52	37	40	44	49	48	53	56	59	62	63	63	65	68	69	67	69	71	72	72	TL10-562
	Pair of SGD650s	62	54	40	43	47	51	51	55	57	60	62	62	59	59	59	62	67	70	72	73	72	TL10-564

- Model Descriptions
- SPW650 Window using our custom 5/8" laminated glass
 - SPW250 Window using our 1/4 inch laminated glass
 - SGD650 Sliding Glass Door using our custom 5/8" laminated glass
 - SGD250 Sliding Glass Door using our 1/4 inch laminated glass