



STC Ratings Chart

	Overall Thickness	Inside	Construction Space	Outside	STC Value	ISO RW ³
Single Laminated Glass¹	1/4" (7.24 mm)	1/8"	0.030 P.V.B.	1/8"	35	35
	3/8" (9.53 mm)	1/4"	0.030 P.V.B.	1/8"	36	36
	3/8" (10.5 mm)	1/4"	0.060 P.V.B.	1/8"	37	37
	1/2" (12.1 mm)	1/4"	0.030 P.V.B.	1/4"	38	38
	1/2" (12.9 mm)	1/4"	0.060 P.V.B.	1/4"	39	39
	5/8" (16.2 mm)	3/8"	0.030 P.V.B.	1/4"	40	40
	3/4" (19.9 mm)	1/2"	0.060 P.V.B.	1/4"	41	41
Laminated Insulating Glass²	1" (26.1 mm)	1/4" LAMI	1/2" AIRSPACE	1/4"	39	39
	15/16" (24.6 mm)	1/4" LAMI	1/2" AIRSPACE	3/16"	39	39
	1-1/8" (29.3 mm)	1/4" LAMI	1/2" AIRSPACE	1/4"	40	40
	1-7/16" (37.3 mm)	3/8" LAMI	1" AIRSPACE	3/16"	42	42
	2-7/16" (62.7 mm)	1/4" LAMI	2" AIRSPACE	3/16"	45	45
	4-1/2" (113.5 mm)	1/4" LAMI	4" AIRSPACE	3/16"	48	48
	4-5/8" (119.1 mm)	1/2" LAMI	4" AIRSPACE	3/16"	49	49
	1" (27.9 mm)	1/4" LAMI	1/2" AIRSPACE	1/4" LAMI	42	42
4-3/4" (120.7 mm)	1/2" LAMI	4" AIRSPACE	1/4" LAMI	51	51	
Insulated Glass	1/2"	1/8"	1/4" AIRSPACE	1/8"	28	30 ⁴
	1"	1/4"	1/2" AIRSPACE	1/4"	35	35
	1 1/2"	1/4"	1" AIRSPACE	1/4"	37	37
Monolithic Glass	1/4"	1/4"	-	-	31	32 ⁵
	1/2"	1/2"	-	-	36	37 ⁶

¹ Tested under ASTM E90, panels caulked in place with wooden stops and glazing putty.

² Tested under ASTM E90, laminated outside pane consisted of either 1/8" – 0.030" P.V.B. – 1/8" (total 1/4" thick), 1/4"–0.030" P.V.B. – 1/8" (total 3/8" thick), 1/4"–0.030" P.V.B. – 1/4" (total 1/2" thick), 1/4"–0.030" P.V.B. – 1/2" (total 3/4" thick), panels caulked in place in single frame with wooden stops and glazing putty. Units with less than 1" airspace were factory sealed. All other units were constructed in place.

³ Weighted Sound Reduction Index (Rw) in accordance with ISO 717/3

⁴ Deviates below Rw 30 contour by 10 dB at 400 Hz

⁵ Deviates below Rw 32 contour by 9 dB at 2,500 Hz

⁶ Deviates below Rw 37 contour by 9 dB at 1,200 Hz