

# STC RATINGS

Single Glazing	Glass S.T.C
1/4" (6mm)	32
1/4" (6mm) with 0.030 laminate	35
3/8" (10mm)	34
3/8" (10mm) with 0.030 laminate	35
1/2" (12mm)	36
1/2" (12mm) with 0.030 laminate	38
1/2" (12mm) with 0.060 laminate	39

STC	Application
25	Normal speech can be easily heard & understood
30	Loud speech can be easily heard & understood
35	Loud speech is heard, but not understood
40	Loud speech is a murmur
45	Loud speech is not heard
50	Very loud sounds can be faintly heard

Double Glazing	Glass S.T.C
3/8" (10mm)	44
3/8" (10mm) with 0.030 laminate	46
1/2" (12mm)	47
1/2" (12mm) with 0.030 laminate	48
1/2" (12mm) with 0.060 laminate	49
1/2" (12mm) with 0.090 laminate	50

Changes in STC	Changes in Apparent Loudness
+/- STC Point	Almost imperceptible
+/-3 STC Point	Just perceptible
+/- 5 STC Point	Clearly noticeable
+/- 10 STC Point	Twice (or half) as loud

Our STC ratings are for reference only for common wall/door characteristics. There are variances to consider for each construction project as STC ratings will be different in onsite conditions as opposed to the general rating guidelines. Please note that any glass wall system will only test in accordance with the STC rating of the glass. If you require more information please contact your PC350 representative for further data and reports.

