

# 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

