

STC	What can be heard
25	Normal speech can be understood quite easily and distinctly through wall
30	Loud speech can be understood fairly well, normal speech heard but not understood
35	Loud speech audible but not intelligible
40	Onset of "privacy"
42	Loud speech audible as a murmur
45	Loud speech not audible; 90% of statistical population not annoyed
50	Very loud sounds such as musical instruments or a stereo can be faintly heard; 99% of population not annoyed.
60+	Superior soundproofing; most sounds inaudible
STC	Partition type
33	Single layer of 1/2" drywall on each side, wood studs, no insulation (typical interior wall)
39	Single layer of 1/2" drywall on each side, wood studs, fiberglass insulation ^[2]
44	4" Hollow CMU (Concrete Masonry Unit) ^[3]

45	Double layer of 1/2" drywall on each side, wood studs, batt insulation in wall
46	Single layer of 1/2" drywall, glued to 6" lightweight concrete block wall, painted both sides
46	6" Hollow CMU (Concrete Masonry Unit) ^[3]
48	8" Hollow CMU (Concrete Masonry Unit) ^[3]
50	10" Hollow CMU (Concrete Masonry Unit) ^[3]
52	8" Hollow CMU (Concrete Masonry Unit) with 2" Z-Bars and 1/2" Drywall on each side ^[4]
54	Single layer of 1/2" drywall, glued to 8" dense concrete block wall, painted both sides
54	8" Hollow CMU (Concrete Masonry Unit) with 1 1/2" Wood Furring, 1 1/2" Fiberglass Insulation and 1/2" Drywall on each side ^[4]
55	Double layer of 1/2" drywall on each side, on staggered wood stud wall, batt insulation in wall
59	Double layer of 1/2" drywall on each side, on wood stud wall, resilient channels on one side, batt insulation
63	Double layer of 1/2" drywall on each side, on double wood/metal stud walls (spaced 1" apart), double batt insulation
64	8" Hollow CMU (Concrete Masonry Unit) with 3" Steel Studs, Fiberglass Insulation and 1/2" Drywall on each side ^[4]

72	8" concrete block wall, painted, with 1/2" drywall on independent steel stud walls, each side, insulation in cavities
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