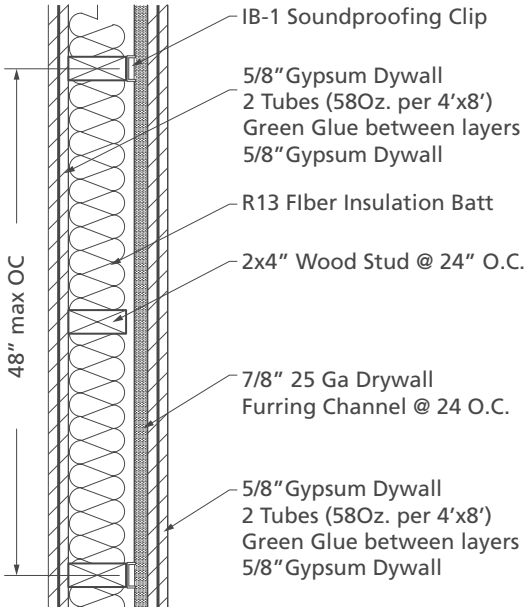
Acoustical Performance Assessment

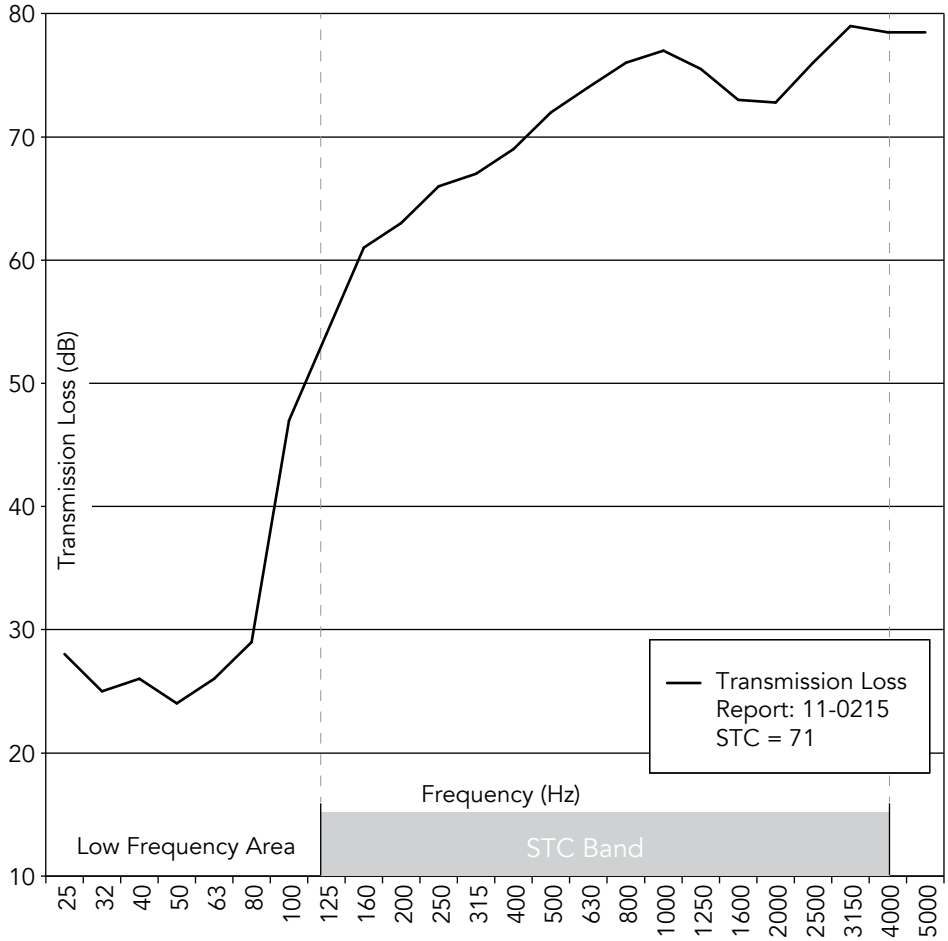
SOUND TRANSMISSION LOSS

ACOUSTICAL SUMMARY: STC 71

IB-1 Clip Assembly (Green Glue Both sides)

Manufacturer: Soundproofing Company
Specimen: Interior wall Assembly
Method: ASTM E 90, ASTM 413
Report Number: 11-0215





Frequency (Hz)	TL (dB)
25	28
32	25
40	26
50	24
63	26
80	29
100	47
125	54
160	61
200	63
250	66
315	67
400	69
500	72
630	74
800	76
1000	77
1250	76
1600	73
2000	73
2500	76
3150	79
4000	79
5000	79

Performance assessment derived from actual and extrapolated lab data.

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Acoustical Performance Assessment

SOUND TRANSMISSION LOSS

Client: Soundproofing Company INC. Report Number: 11-0215

SPECIMEN DESCRIPTION

The following table shows the elements in the wall assembly, with the source-room-side element first and the receiving-room-side element last.

Element	Mass lb [kg]	Surface Density PSF [kg/m^2]
0.625″ (5/8″) gypsum board type X 2″ screw @ 12″ O.C.	144.5 [65.5]	2.24 [10.94]
2 Tubes (58 fl. Oz. per 4'x8') Green Glue between layers.	-	-
0.625″ (5/8″) gypsum board type X 1.625″ screw @ 12″ O.C.	146.0 [66.2]	2.26 [11.05]
(7/8″) 25Ga Drywall Furring Channel @ 24″ O.C.	8.8 [4.0]	0.14 [0.66]
IB-1™ Soundproofing Clip; 1.625″ screw	2.0 [0.9]	0.03 [0.15]
2x4 wood studs @ 16″ O.C.	84.0 [38.1]	1.30 [1.06]
(3 1/2″) R13 glass fiber insulation	14.0 [6.4]	0.22 [1.06]
0.625″ (5/8″) gypsum board type X 1.625″ screw @ 16″ O.C.	144.5 [65.5]	2.24 [10.94]
2 Tubes (58 fl. Oz. per 4'x8') Green Glue between layers.	-	-
0.625″ (5/8″) gypsum board type X 2″ screw @ 12″ O.C.	144.5 [65.5]	2.24 [10.94]

CONFIDENTIALITY

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Performance assessment derived from actual and extrapolated lab data.

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