

**AIRBORNE SOUND TRANSMISSION LOSS**  
ASTM E 90

Test Date	04/12/16					
Data File No.	F7072.01A					
Client	Nana Wall System, Inc.					
Description	Series/Model: PrivaSEE - 4 Panel Unit, all glass single track sliding system, with 1/2" laminated glass, Glass temperature 75°F					
Specimen Area	11.10 m <sup>2</sup>	Receive Temp.	24.0 °C		Source Temp.	23.9 °C
Technician	Daniel B. Mohle	Receive Humidity	47%		Source Humidity	43%

Freq (Hz)	Background SPL (dB)	Absorption (m <sup>2</sup> )	Source SPL (dB)	Receive SPL (dB)	Specimen TL (dB)	95% Confidence Limit	Number of Deficiencies
80	40.2	4.5	106	89	20.6	2.44	-
100	37.2	5.6	105	86	21.8	1.95	-
125	39.2	5.4	105	83	24.8	1.16	0
160	40.5	4.8	104	83	24.6	1.22	0
200	38.2	5.0	105	84	24.7	0.98	1
250	34.3	5.6	106	81	27.7	0.79	1
315	27.4	5.8	99	73	29.1	0.30	3
400	23.8	6.2	96	68	31.1	0.26	4
500	20.3	6.2	96	65	33.6	0.28	2
630	18.7	5.9	100	69	34.5	0.26	2
800	16.5	6.2	99	66	35.7	0.27	2
1000	12.1	6.4	96	61	37.3	0.27	2
1250	9.6	7.1	97	61	38.2	0.19	2
1600	7.6	7.7	102	66	37.6	0.30	2
2000	5.8	8.0	95	59	37.3	0.37	3
2500	5.9	8.9	92	53	40.1	0.50	0
3150	6.1	10.6	94	55	39.7	0.41	0
4000	6.9	12.7	93	52	40.5	0.49	0
5000	7.9	16.3	92	49	41.3	0.60	-

STC Rating	36	(Sound Transmission Class)
Deficiencies	24	(Sum of Deficiencies)
OITC Rating	30	(Outdoor-Indoor Transmission Class)

- Notes:
- 1) Receive Room levels less than 5 dB above the Background levels are highlighted in yellow.
  - 2) Specimen TL levels listed in red indicate the lower limit of the transmission loss.
  - 3) Specimen TL levels listed in green indicate that there has been a filler wall correction applied



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