

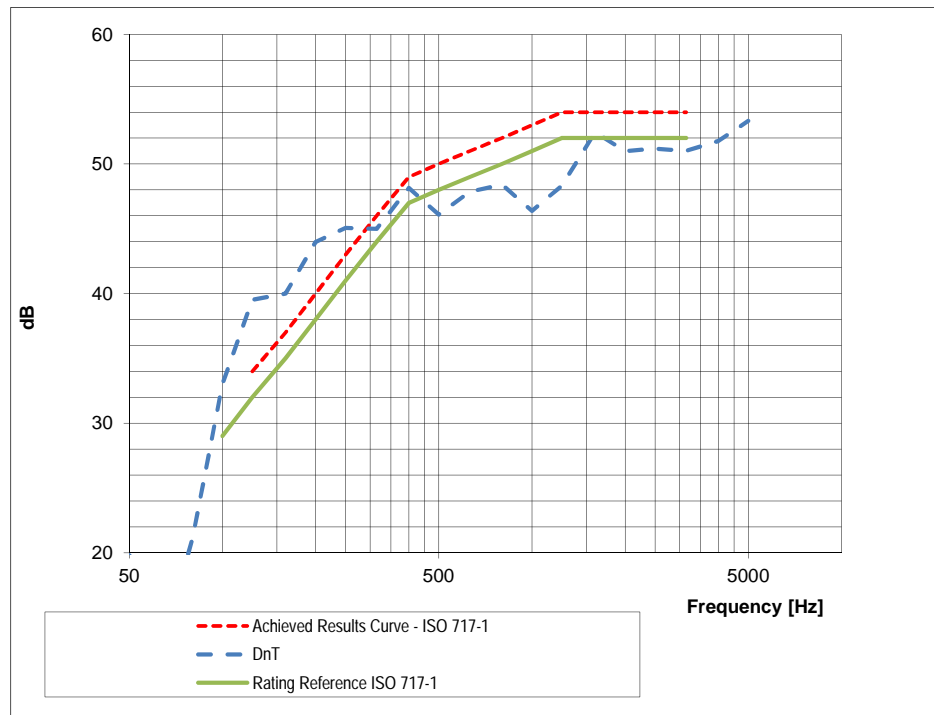
**STANDARDISED LEVEL DIFFERENCE ACCORDING TO ISO 162283-1 2014
FIELD MEASUREMENTS OF AIRBORNE SOUND INSULATION BETWEEN ROOMS**

TEST DATE		31-08-15	
PLACE		example of a Real Field Test	
PRODUCT		VX110 - 48dB	
ALUGLASS ACOUSTIC RATING		48dB	
PRODUCT DESCRIPTION		VX110 System with White Board Finish and Limp Mass Treatment Wall A	
TEST DESCRIPTION AND COMMENT		Some Noise Transmission evident through automated sliding doors - particularly when one is open - this reduced the acoustic separation between the spaces by between 8 and 10dB. Within the supplied system the Telescopic remains the greatest contributor to sound transmission between the spaces.	
PARTITION / DOOR AREA			29 m ²
RECEIVING ROOM VOLUME			290 m ³
SOURCE ROOM VOLUME			348 m ³
TEST EQUIPMENT USED			
Source		Pink Noise Generator / Aluglass Omni-directional Speaker	
Measurement		MIC W i436 Omnidirectional Test Microphone (Class 2) on Iphone 5S calibrated with Quest Calibrator (Class 1)	



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Frequency Hz	DnT dB
50	19.8
63	12.2
80	21.1
100	33.0
125	39.5
160	40.0
200	44.0
250	45.1
315	45.0
400	48.2
500	46.1
630	47.9
800	48.4
1000	46.4
1250	48.3
1600	52.5
2000	51.0
2500	51.2
3150	51.0
4000	51.8
5000	53.3



RATING ACCORDING TO ISO 717-1							
	DnT _w (C; Ctr) =			49	(0;-3) dB		
	DnT _w (C; Ctr; C ₅₀₋₅₀₀₀ ; Ctr ₅₀₋₅₀₀₀) =			49	(0;-3 -4;-15) dB		
STC RATING ACCORDING TO ASTM - E413				50	dB		

TEST REPORT NO:				TESTING SERVICE			
DATE OF ISSUE :				TEST TECHNICIAN	Jaco, Sergio & Niels		
				ANALYSIS TECHNICIAN	Niels Eichhorn		