

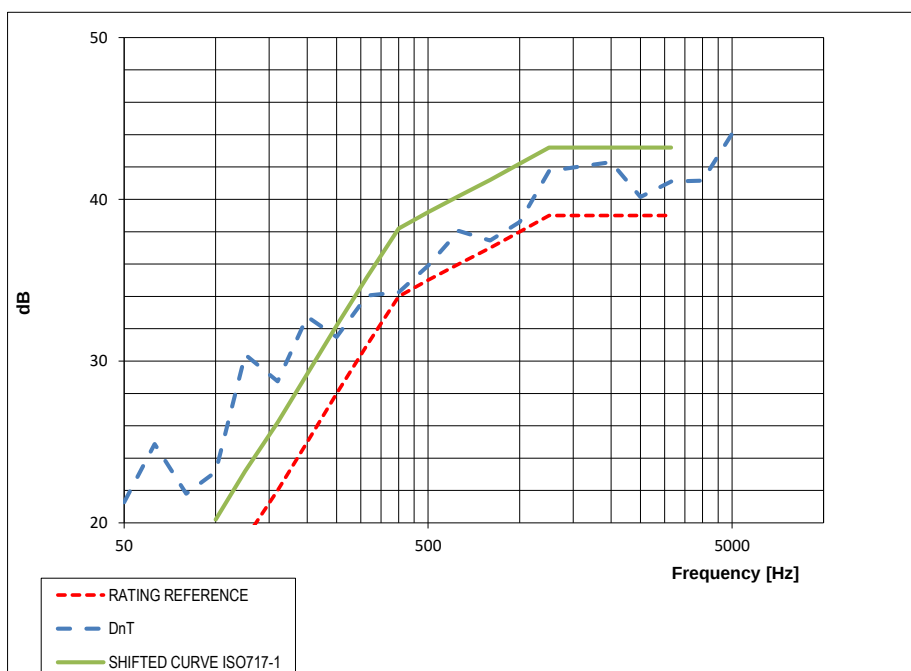
STANDARDISED LEVEL DIFFERENCE ACCORDING TO ISO 162283-1 2014
FIELD MEASUREMENTS OF AIRBORNE SOUND INSULATION BETWEEN ROOMS

TEST DATE		21 07 2020	
PLACE		Real Field Test	
PRODUCT		GF Serene 35	
ALUGLASS ACOUSTIC RATING		35 d B	
PRODUCT DESCRIPTION		12mm TSG	
		Demountable Glazing System	
AREA OF THE SEPARATING PARTITION		10,80	m ²
VOLUME OF THE RECEIVING ROOM		32,40	m ³
VOLUME OF THE SOURCE ROOM		183,60	m ³
EQUIVALENT ABSORPTION AREA IN RECEIVING ROOM (EST).		16,00	m ²
TEST DESCRIPTION AND COMMENT		TYPICAL IN-SITU (FIELD) TEST OF PRODUCT WITHOUT NOTABLE ALTERNATIVE FLANKING PATHS	
TEST EQUIPMENT USED			
Source		Pink Noise Generator / Aluglass Omni-directional Speaker	
Measurement		Iphone X with MicW i486 Test Microphone	



DOCUMENT CONTROL		
DATE	DESCRIPTION	AUTHOR
26 06 2018	SOUND TEST REPORT	N W E
	TEMPLATE	

Frequency	DnT
Hz	dB
50	21,3
63	24,9
80	21,8
100	23,2
125	30,4
160	28,8
200	32,8
250	31,5
315	34,1
400	34,3
500	35,9
630	38,1
800	37,5
1000	38,6
1250	41,8
1600	42,1
2000	42,3
2500	40,2
3150	41,1
4000	41,2
5000	44,1



Rating Reference	35	dB						
$D_{nT,w}(C; C_{tr}) =$	39,2	(0;-3) dB						weighted Standardised Level Difference, $D_{nT,w}$, according to ISO 717-1
$C_{50-3150} =$	0 dB	$C_{50-5000} =$	0 dB	$C_{100-5000} =$	0 dB			
$C_{tr50-3150} =$	-5 dB	$C_{tr50-5000} =$	-5 dB	$C_{tr100-5000} =$	-3 dB			
$R'w =$	37,5	dB						weighted apparent sound reduction index, $R'w$ according to ISO 717-1
STC =	39,1	dB						sound transmission class, STC, according to ASTM E413

TEST REPORT NO:					TESTING SERVICE			
DATE OF ISSUE :					TEST TECHNICIAN			
					ANALYSIS TECHNICIAN			