

MEASUREMENTS REPORT

STANDARDIZED LEVEL DIFFERENCE ACCORDING TO ISO 140-4 STANDARD
FIELD MEASUREMENTS OS AIRBORNE SOUND INSULATION BETWEEN ROOMS

CUSTOMER: STUDIOBRICKS

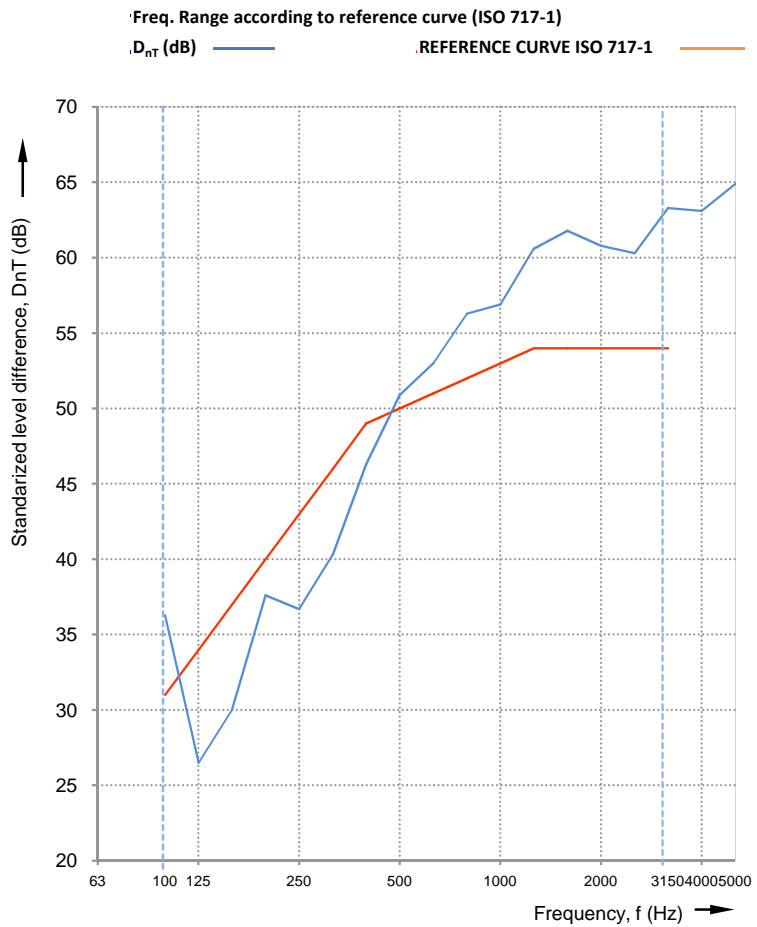
DATE: 4/11/11

IDENTIFICACIÓN DEL ELEMENTO SEPARADOR:

Sound insulation measurement of Triple STUDIOBRICKS soundproof recording booth (inner dimensions 2,1 x 2,4 x 2,1 m). The booth is made of dovetailed panels with double viewer (90 x 60 cm), gateway, forced ventilation and cable duct to pass the installations inside/outside of the booth. The soundproof recording both is acoustically treated by Vicoustic Varipanel panels.



Frequency <i>f</i> Hz	<i>D_{nT}</i> 1/3 octave band) dB
100	36,3
125	26,5
160	30,0
200	37,6
250	36,7
315	40,3
400	46,3
500	50,9
630	53,0
800	≥ 56,3
1000	≥ 56,9
1250	≥ 60,6
1600	≥ 61,8
2000	≥ 60,8
2500	≥ 60,3
3150	≥ 63,3
4000	63,1
5000	64,9



Rating according to ISO 717-1 standard: (Evaluation based on results of measurements obtained by an engineering method)

Isolation values according to ISO 717-1 $D_{nT,w}(C, Ctr) \geq 50 (-3 ; -8) \text{ dB}$

NF S31-057 $D_{nT}(A) \geq 48,2 \text{ dBA}$

Background noise corrections were made



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Test performed by: Gema Soto

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