

MEASUREMENTS REPORT

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

CUSTOMER: STUDIOBRICKS

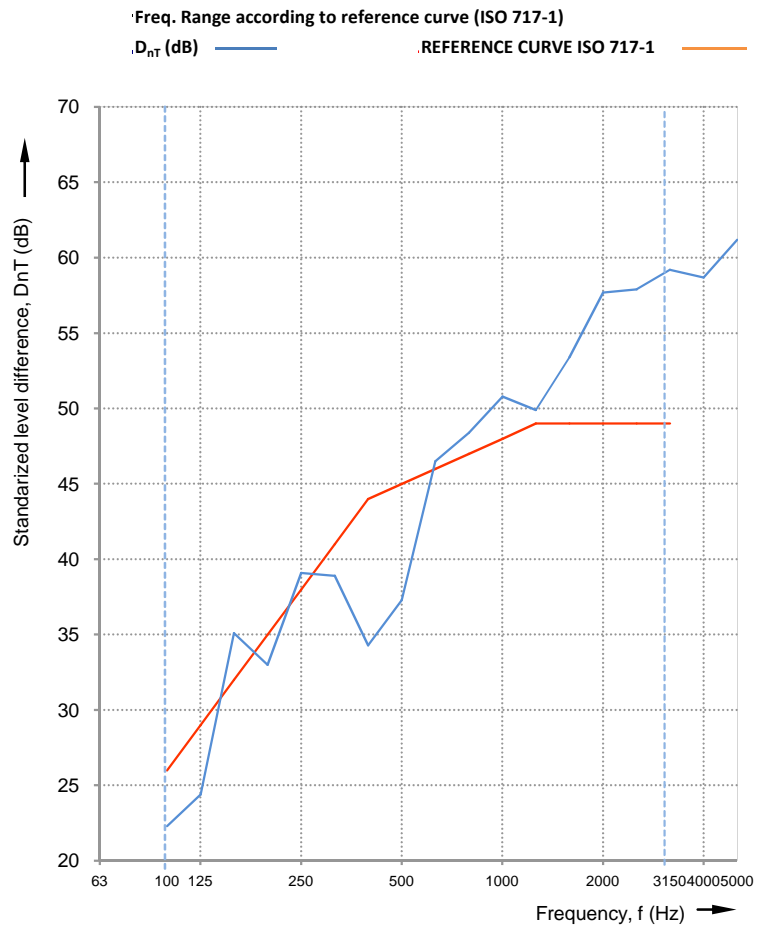
DATE: 25/11/11

IDENTIFICACIÓN DEL ELEMENTO SEPARADOR:

Sound insulation measurement of Standard STUDIOBRICKS soundproof recording booth (inner dimensions 1,8 x 1,8 2,1 m). The booth is made of dovetailed panels with 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	22,3
125	24,4
160	35,1
200	33,0
250	39,1
315	38,9
400	34,3
500	37,3
630	46,5
800	48,4
1000	50,8
1250	49,9
1600	53,4
2000	57,7
2500	57,9
3150	59,2
4000	58,7
5000	61,2



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 $D_{nT,w}(C, Ctr) = 45 (-2 ; -7) \text{ dB}$

NF S31-057 $D_{nT}(A) = 43,7 \text{ dBA}$

No background noise corrections were made



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soundlab
LABORATORIO DE MEDICIONES ACÚSTICAS

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