

MEASUREMENTS REPORT

SOUND LEVEL DIFFERENCES ACCORDING TO THE ISO 140-4 STANDARD FIELD MEASUREMENTS OF AIRBORNE SOUND INSULATION BETWEEN ROOMS

CUSTOMER: Studiobricks

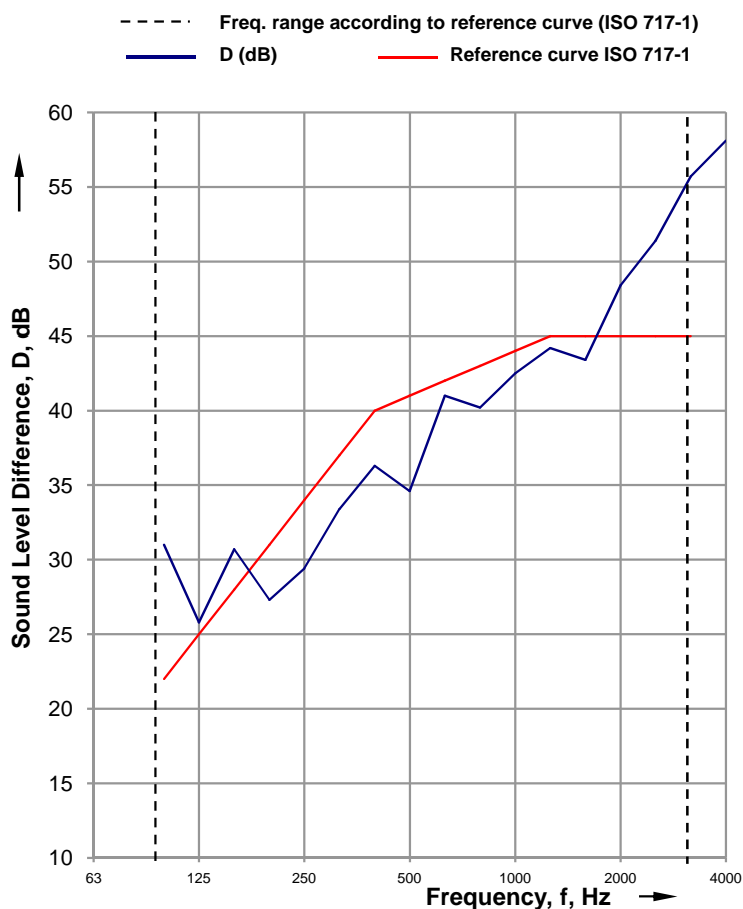
DATE: 10/01/11

ELEMENT IDENTIFICATION:

Sound insulation measurements of STUDIOBRICKS sound proof recording booth (inner dimensions 1.8 x 1.5 x 2.1 m). The made of dovetailed acoustic panels (8 cm thick) with viewer (90 x 60 xm), gateway, forced ventilation and cable duct for the instalations inside the booth. The sound proof recording booth is acoustically treated by Vicoustic Varipanel panels.



Frequency <i>f</i> Hz	<i>D</i> (1/3 octave band) dB
100	31,0
125	25,8
160	30,7
200	27,3
250	29,4
315	33,4
400	36,3
500	34,6
630	41,0
800	40,2
1000	42,5
1250	44,2
1600	43,4
2000	48,4
2500	51,4
3150	55,7
4000	58,1
5000	57,1



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

Isolation values according to UNE EN ISO 717-1 $D_w(C, Ctr) = 41 (-1; -4) \text{ dB}$

NF S31-057 $D(A) = 40,6 \text{ dBA}$

No corrections were made for background noise

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soundlab[®]
LABORATORIO DE MEDICIONES ACUSTICAS

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