

Sound Reduction Index According to ISO 140-3

Laboratory Measurements of Airborne Sound Insulation Between Rooms

Location: IAC Inc, New York

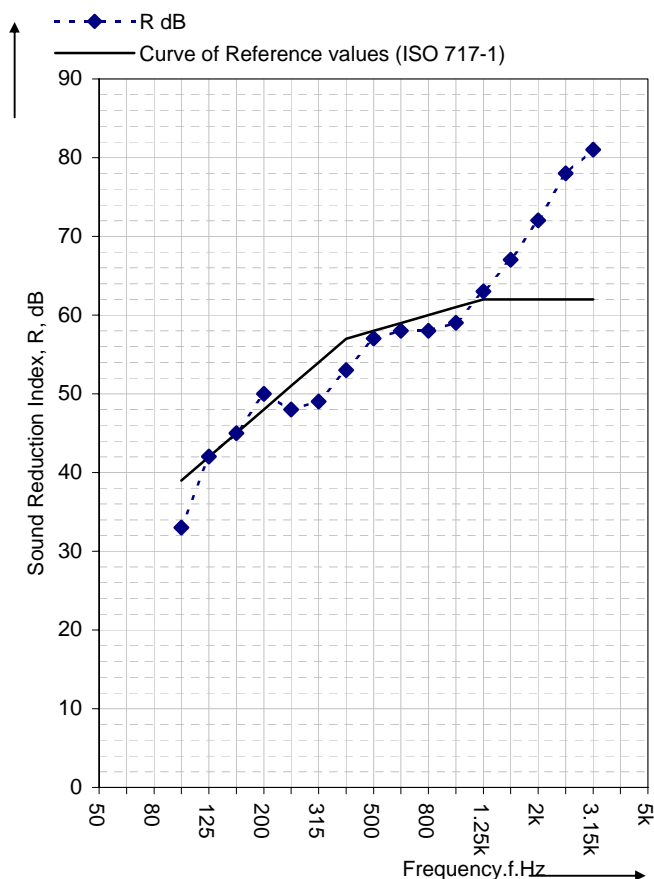
Date of test: 19 December 1985

IAC Noise Lock Vision Wall
 12.8mm Laminated Glass - 215mm Cavity - 10.8mm Laminated Glass
 Overall 235mm Partition

Source room: Rev chamber
 Receiving room: Rev chamber

Area of separating element: 2.2 m²
 Source room volume: 283 m³
 Receiving room volume: 283 m³

Frequency Hz	R (one third octave) dB
50	
63	
80	
100	33
125	42
160	45
200	50
250	48
315	49
400	53
500	57
630	58
800	58
1k	59
1.25k	63
1.6k	67
2k	72
2.5k	78
3.15k	81
4k	
5k	



Rating according to ISO 717-1

$R_w (C;Ctr) = 58 (-1, -7) \text{ dB}$

Evaluation based on laboratory measurement
 results obtained by an engineering method

Date : 17-Feb-09

Report number: 586-4-85

thirds