

## Sound Reduction Index According to ISO 140-3

### Laboratory Measurements of Airborne Sound Insulation Between Rooms

Location: IAC Inc, New York

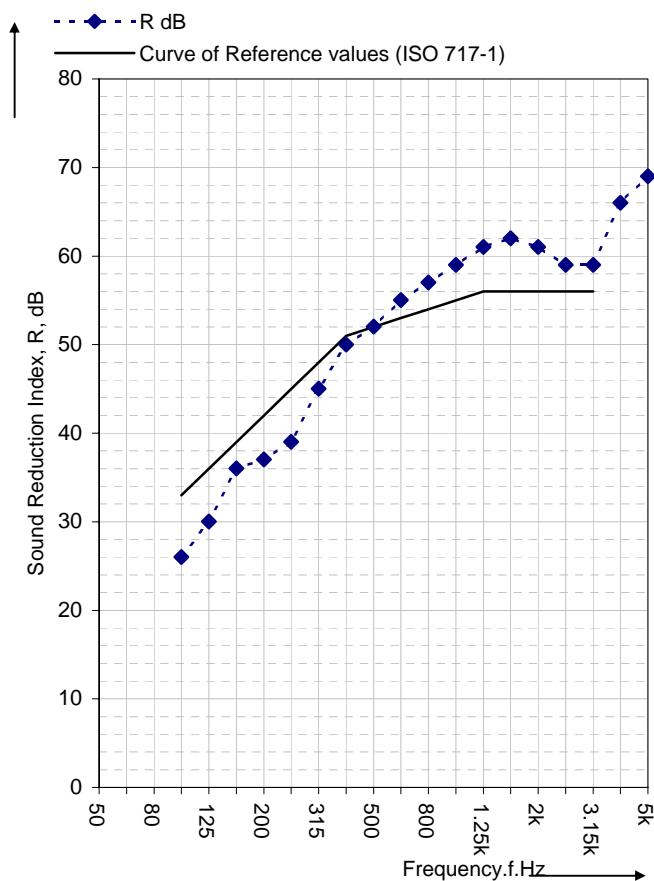
Date of test: 26 February 1987

IAC Noise Lock Vision Wall  
6.4mm Laminated Glass - 127mm Cavity - 6.4mm Laminated Glass  
Overall 140mm Partition

Source room: Rev chamber  
Receiving room: Rev chamber

Area of separating element: 2.2 m<sup>2</sup>  
Source room volume: 283 m<sup>3</sup>  
Receiving room volume: 283 m<sup>3</sup>

Frequency Hz	R (one third octave) dB
50	
63	
80	
100	26
125	30
160	36
200	37
250	39
315	45
400	50
500	52
630	55
800	57
1k	59
1.25k	61
1.6k	62
2k	61
2.5k	59
3.15k	59
4k	66
5k	69



Rating according to ISO 717-1

$R_w = 53$  dB

Evaluation based on laboratory measurement  
results obtained by an engineering method

Date : 26-Feb-87

Report number: 609-2-87

thirds