

Sound reduction index. R. according to UNI EN ISO 10140-2

Sample description:

Door model "X 568"

Area S. of the test opening:

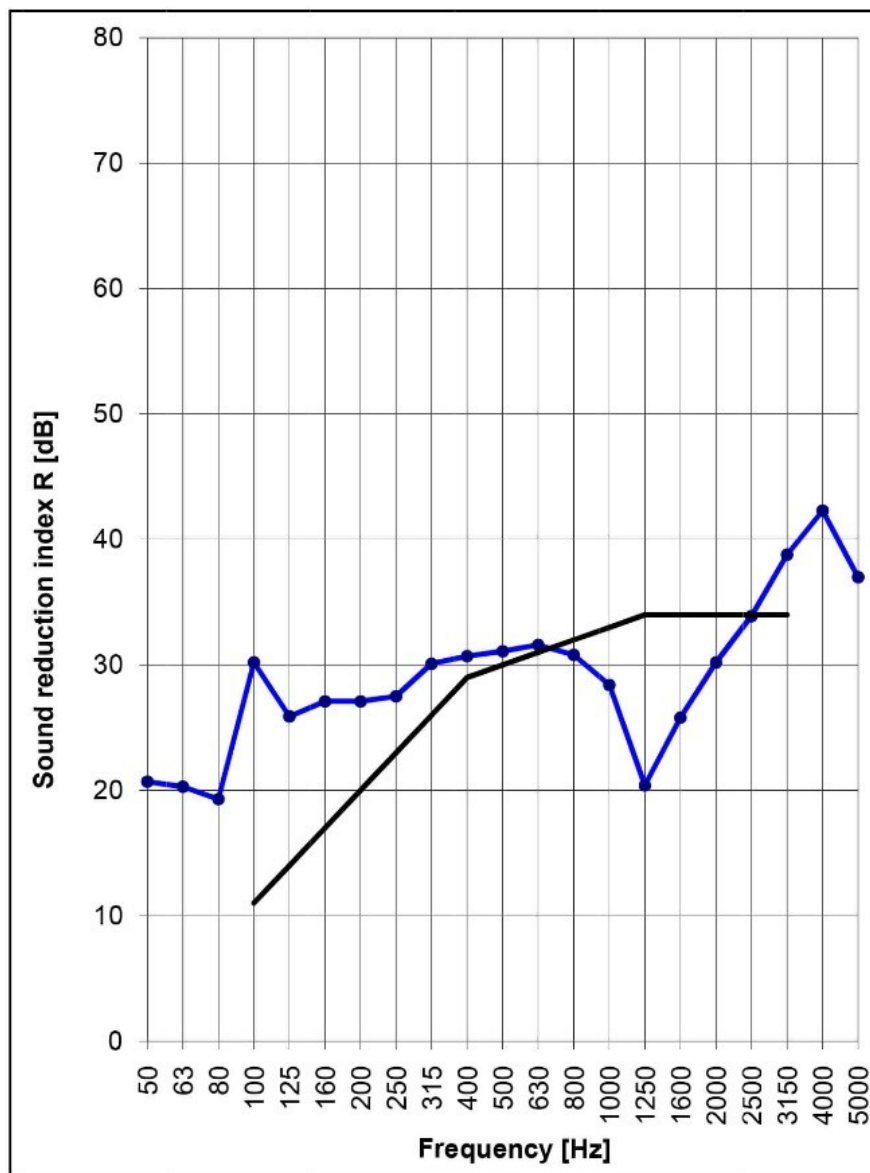
2.26 m²

Rooms volume:

Emitting 119.3 m³

Receiving 163.3 m³

f	R
[Hz]	[dB]
50	20.7
63	20.3
80	19.3
100	30.2
125	25.9
160	27.1
200	27.1
250	27.5
315	30.1
400	30.7
500	31.1
630	31.6
800	30.8
1000	28.4
1250	20.4
1600	25.8
2000	30.2
2500	33.9
3150	38.8
4000	42.3
5000	37.0



Evaluation of conformity according to UNI EN ISO 717-1

R_w (C;Ctr) = 30 (-3; -3) dB C₅₀₋₃₁₅₀ = -3 dB; C₅₀₋₅₀₀₀ = -2 dB; C₁₀₀₋₅₀₀₀ = -2 dB

Evaluation based on laboratory measurement results by means of a technical method.

C_{tr.50-3150} = -4 dB; C_{tr.50-5000} = -4 dB; C_{tr.100-5000} = -3 dB

Evaluation of sound reduction index. elaborated by steps of 0.1 dB: 30.0 dB

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