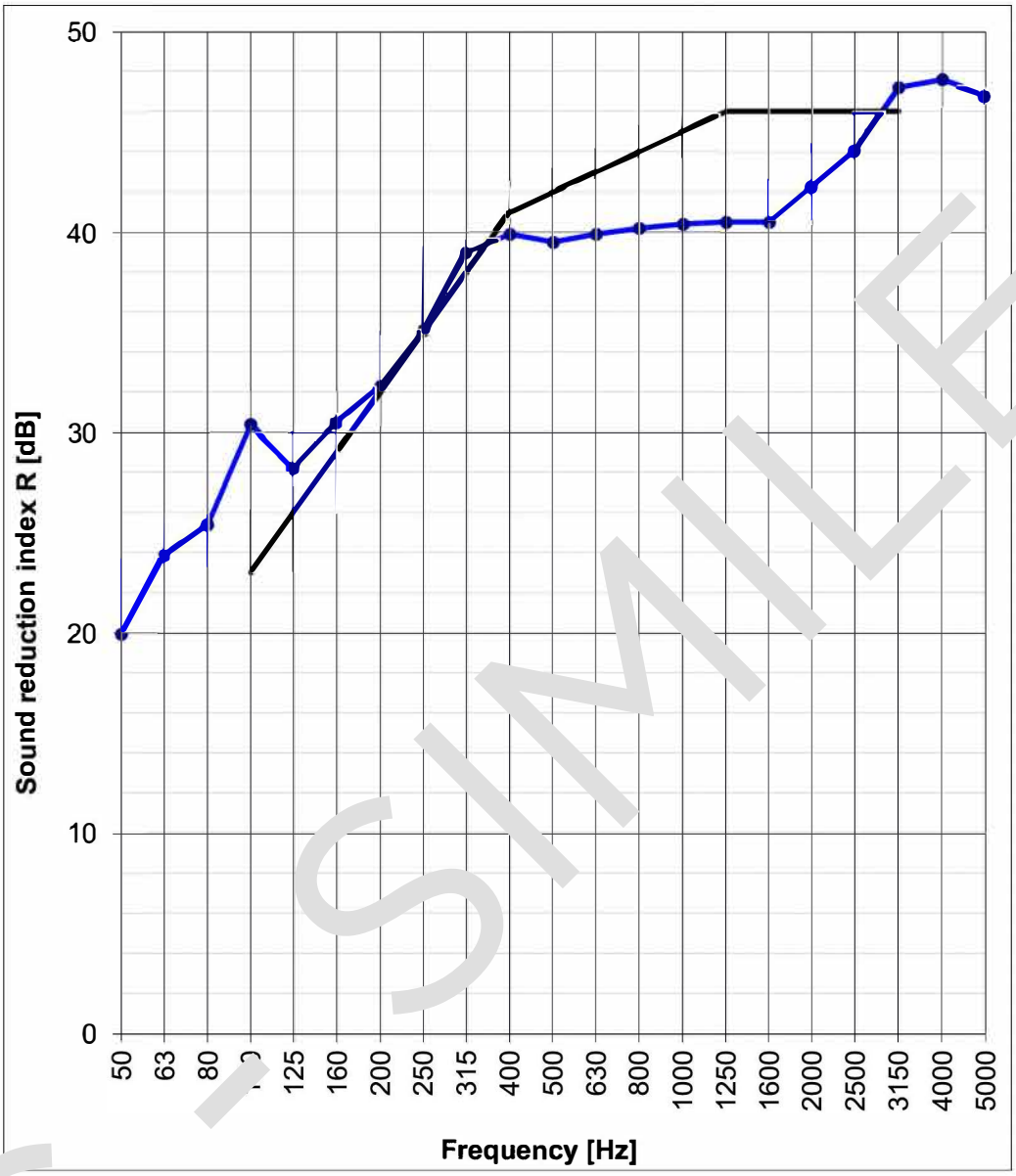
Sound reduction index, R, according to UNI EN ISO 10140-2:2010

Sample description:
Specimen area: 2,1 m²
Rooms volume: Emitting 122,2 m³ Receiving 163,6 m³

f	R
[Hz]	[dB]
50	19,9
63	23,9
80	25,4
100	30,4
125	28,2
160	30,5
200	32,3
250	35,1
315	39,0
400	39,9
500	39,5
630	39,9
800	40,2
1000	40,4
1250	40,5
1600	40,5
2000	42,3
2500	44,1
3150	47,2
4000	47,6
5000	46,8



Evaluation of conformity acco ng to ISO 717-1
R_w (C;C_{tr}) = 42,0 (-2 -4) dB $C_{50-3150}$ = -2 dB; $C_{50-5000}$ = -1 dB; $C_{100-5000}$ = -1 dB

Evaluation based on laboratory easurement re ts by means of a technical method
$C_{tr,50-3150}$ dB; $C_{tr,50-5000}$ = -5 dB; $C_{tr,100-5000}$ = -4 dB

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LAB N° 1416