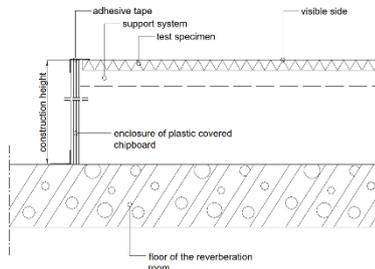


MEASUREMENT OF SOUND ABSORPTION IN A REVERBERATION ROOM ACCORDING TO EN-ISO 354:2003

principal: BuzziSpace



Variant 3: BuzziCloud



volume reverberation room
213 m³

surface area sample
10,62 m²

height of the construction
200 mm

measured at
Peutz Laboratory for Acoustics

signal
broad-band noise

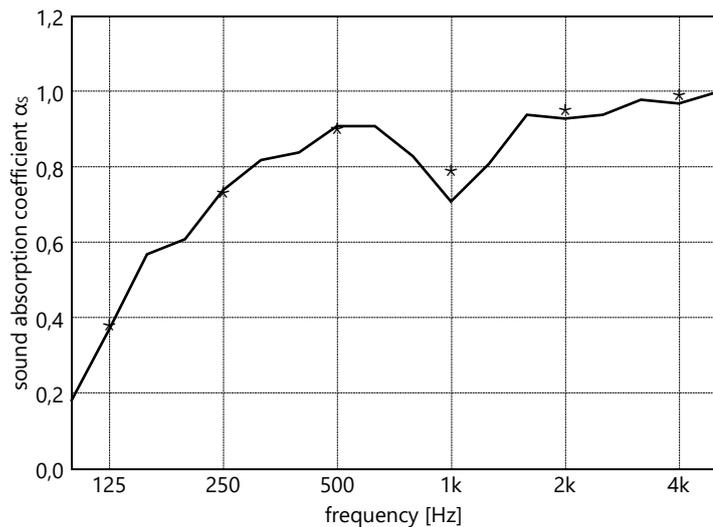
bandwidth
1/3 octave

α_w (ISO 11654) = 0,90

sound absorption class (ISO 11654) = A

NRC (ASTM - C423-17) = 0,80

SAA (ASTM - C423-23e1) = 0,83



	125	250	500	1k	2k	4k
1/3 oct.	0,18	0,61	0,84	0,83	0,94	0,98
	0,37	0,74	0,91	0,71	0,93	0,97
	0,57	0,82	0,91	0,81	0,94	1,00
1/1 oct.	0,37	0,72	0,89	0,78	0,94	0,98

— 1/3 oct.
* 1/1 oct.

publication is permitted for the entire page only

RA

Molenhoek, measured at 23-02-2026

Absorb, v5.11.3 mode 7, PM: MH, file: a4868 E#:74-109 F#:221-256 A#:257 T₁ = 16,1 °C T₂ = 17,0 °C p₁ = 101,0 kPa p₂ = 100,9 kPa h₁ = 55,0 % h₂ = 54,2 %