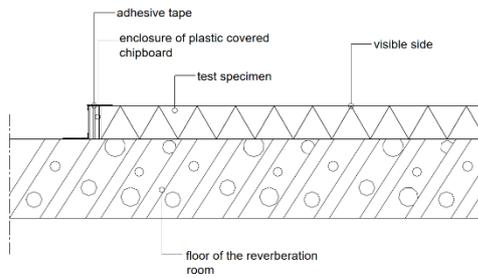


MEASUREMENT OF SOUND ABSORPTION IN A REVERBERATION ROOM ACCORDING TO EN-ISO 354:2003

principal: BuzziSpace



#1; 12 mm PET Felt



Absorb. v5.11.2 / v5.11.3 mode 7, PM: JK, file: a4868 E#:1-36 F#:37-72 A#:73 T₁ = 18,3 °C T₂ = 17,4 °C p₁ = 101,3 kPa p₂ = 101,3 kPa h₁ = 52,1 % h₂ = 55,7 %

volume reverberation room
213 m³

surface area sample
10,3 m²

height of the construction
0,012 m

measured at
Peutz Laboratory for Acoustics

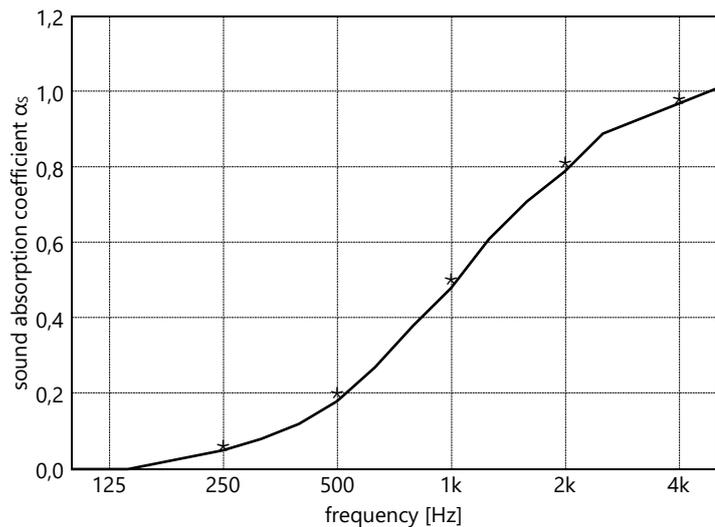
signal
broad-band noise

bandwidth
1/3 octave

α_w (ISO 11654) = 0,25(MH)

SAA (ASTM - C423) = 0,38

NRC (ASTM - C423) = 0,40



	-0,02	0,03	0,12	0,38	0,71	0,93
1/3 oct.	-0,01	0,05	0,18	0,48	0,79	0,97
	0,01	0,08	0,27	0,61	0,89	1,01
1/1 oct.	-0,01	0,05	0,19	0,49	0,80	0,97

— 1/3 oct.
* 1/1 oct.

publication is permitted for the entire page only

RA

Molenhoek, measured at 17-12-2025