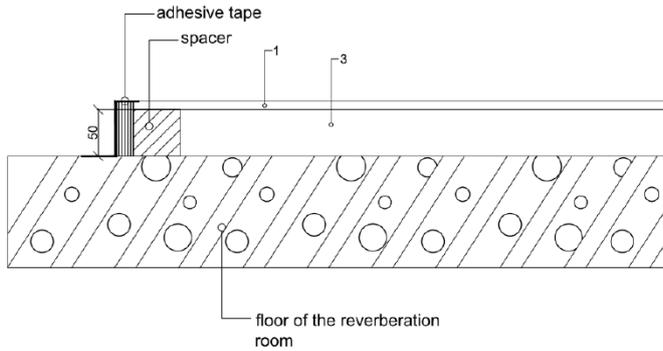


MEASUREMENT OF SOUND ABSORPTION IN A REVERBERATION ROOM ACCORDING TO ISO 354:2003



principal: De Vorm

variant	Top	cavity	cavity filling
2	Single Layer PET Felt	50 mm	-



Absorb, versie 5.8.4 mode 7, PM: JK, file: a3229 E#:1-36 F#:148-183 A#:184 T₁ = 15,8 °C T₂ = 16,4 °C p₁ = 100,0 kPa p₂ = 100,3 kPa h₁ = 49,7 % h₂ = 53,3 %

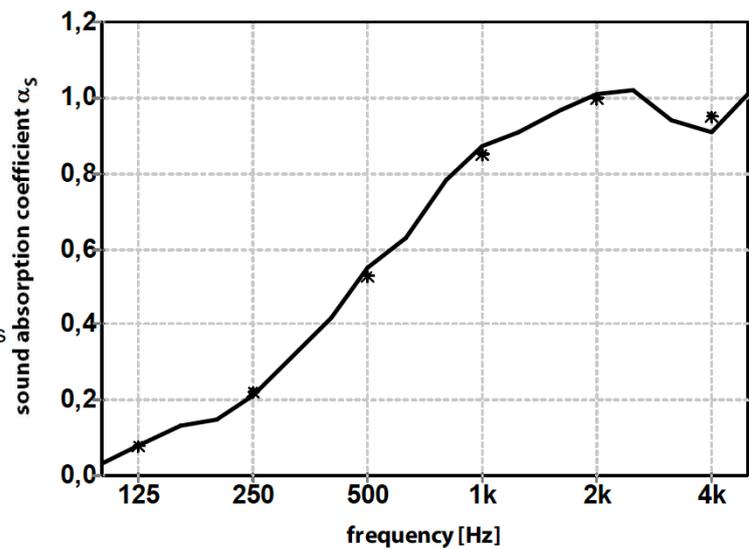
volume reverberation room: 214 m³
 surface area sample: 11,9 m²
 height of the construction: 0.050 m
 measured at: Peutz Laboratory for Acoustics
 signal: broad-band noise
 bandwidth: 1/3 octave

α_w (ISO 11654) = 0,50(MH)

NRC (ASTM - C423) = 0,65

SAA (ASTM - C423) = 0,65

— 1/3 oct.
 * 1/1 oct.



	0,03	0,15	0,42	0,78	0,97	0,94
1/3 oct.	0,08	0,21	0,55	0,87	1,01	0,91
	0,13	0,31	0,63	0,91	1,02	1,01
1/1 oct.	0,08	0,22	0,53	0,85	1,00	0,95

publication is permitted for the entire page only

Mook, measured at 13-01-2017