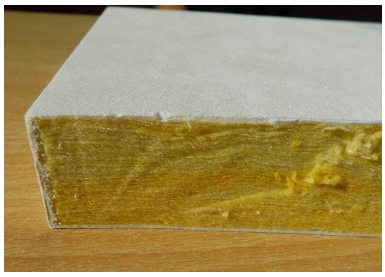
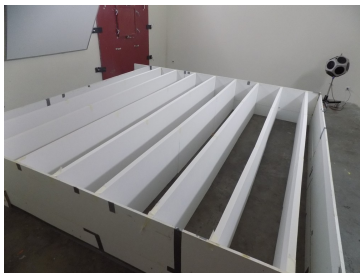
MEASUREMENT OF SOUND ABSORPTION IN A REVERBERATION ROOM
ACCORDING TO ISO 354:2003

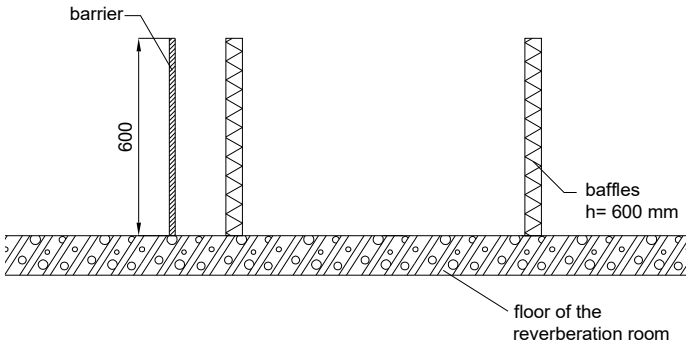
principal: Aktav

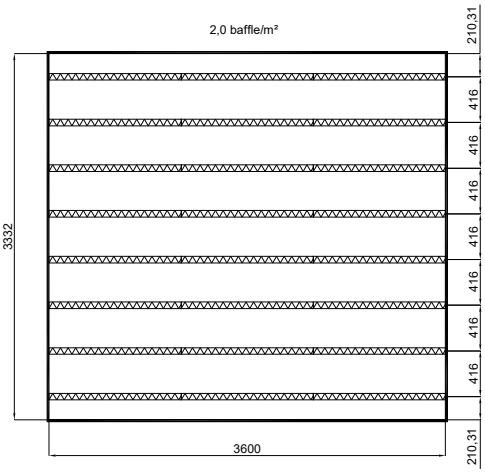
TESTEN RvA L 334

variant:	test 12
type:	Parmephon Acoustic Baffle
core material:	Glasswool
panel sizes:	1200 x 600 mm
thickness:	40 mm
finish front:	white painted mineral fleece
finish rear:	white painted mineral fleece
total mass:	4,6 kg/m^2 (weighted)









volume reverberation room: 214 m^3

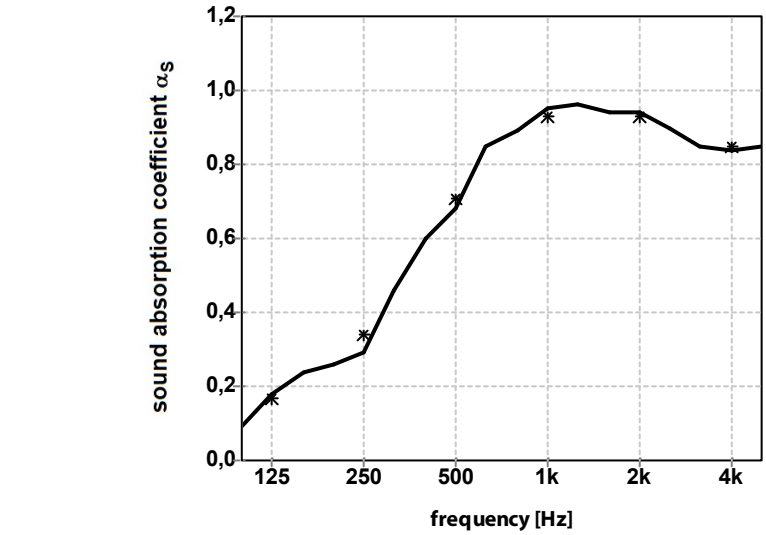
surface area sample: 12 m^2

heigth of the construction: 0,600 m

measured at: Peutz Laboratory for Acoustics

signal: broad-band noise

bandwidth: 1/3 octave



α_w (ISO 11654) = 0,65(MH)

SAA (ASTM - C423) = 0,73

NRC (ASTM - C423) = 0,70

	0,09	0,26	0,60	0,89	0,94	0,85
1/3 oct.	0,18	0,29	0,68	0,95	0,94	0,84
	0,24	0,46	0,85	0,96	0,90	0,85
1/1 oct.	**0,17**	**0,34**	**0,71**	**0,93**	**0,93**	**0,85**

Absorb, versie 5.9 mode 7, PM: JK, file: a 3442 E#:477-512 F#:405-440 A#:520 T_1 = 17,1 °C T_2 = 17,0 °C p_1 = 100,2 kPa p_2 = 100,3 kPa h_1 = 51,4 % h_2 = 54,1 %

A 3442-2E-RA-001 /3589845/ THEO

publication is permitted for the entire page only

Mook, measured at 08-02-2019