LABORATORY FOR ACOUSTICS

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

principal: BuzziSpace

TESTING RvA L 334

Variant 3B: BuzziReForm Brut with 12mm airgap

volume reverberation room
214 m^3

surface area sample
7,82 m^2

heigth of the construction
0,092 m

measured at
Peutz Laboratory for Acoustics

signal
broad-band noise

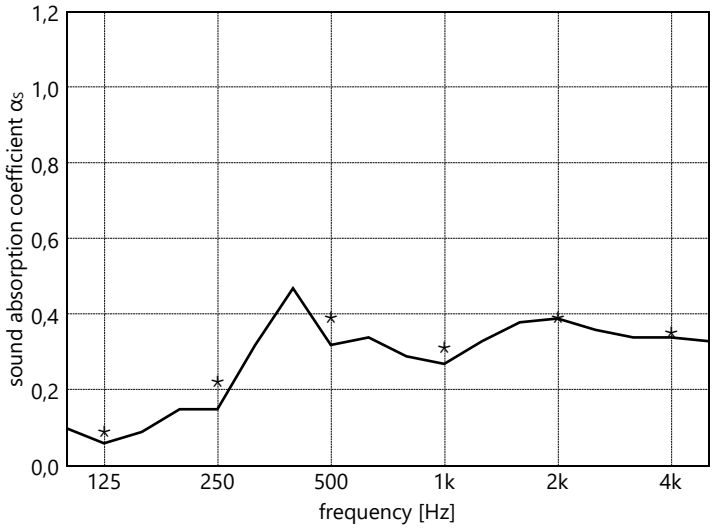
bandwidth
1/3 octave

α_w (ISO 11654) = 0,40

NRC (ASTM - C423) = 0,30

SAA (ASTM - C423) = 0,31

Class (ISO 11654) = D



	0,10	0,15	0,47	0,29	0,38	0,34
1/3 oct.	0,06	0,15	0,32	0,27	0,39	0,34
	0,09	0,32	0,34	0,33	0,36	0,33
1/1 oct.	**0,08**	**0,21**	**0,38**	**0,30**	**0,38**	**0,34**

——— 1/3 oct.

* 1/1 oct.

publication is permitted for the entire page only

Mook, measured at 30-01-2025

Absorb, v5.10.9 / v5.11.1 mode 7, PM: MH, file: a4667 E#:29-64 F#:102-137 A#:138 T_1 = 16,9 °C T_2 = 16,8 °C p_1 = 100,9 kPa p_2 = 101,0 kPa h_1 = 53,5 % h_2 = 51,3 %

A 4667-3E-RA-001 B9B882A5 REMKO