

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

principal: BuzziSpace



Variant 3A: BuzziReForm Brut



Absorb, v5.10.9 / v5.11.1 mode 7, PM: MH, file: a4667 E#:29-64 F#:65-100 A#:101 T<sub>1</sub> = 16,9 °C T<sub>2</sub> = 16,6 °C p<sub>1</sub> = 100,9 kPa p<sub>2</sub> = 101,0 kPa h<sub>1</sub> = 53,5 % h<sub>2</sub> = 51,9 %

volume reverberation room  
214 m<sup>3</sup>

surface area sample  
7,82 m<sup>2</sup>

height of the construction  
0,08 m

measured at  
Peutz Laboratory for Acoustics

signal  
broad-band noise

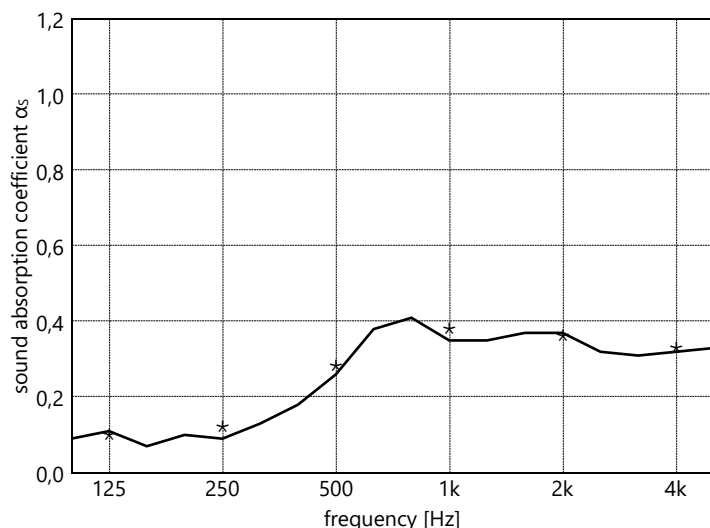
bandwidth  
1/3 octave

**$\alpha_w$  (ISO 11654) = 0,30**

**NRC (ASTM - C423) = 0,25**

**SAA (ASTM - C423) = 0,28**

**Class (ISO 11654) = D**



	125	250	500	1k	2k	4k
1/3 oct.	0,09	0,10	0,18	0,41	0,37	0,31
	0,11	0,09	0,26	0,35	0,37	0,32
	0,07	0,13	0,38	0,35	0,32	0,33
<b>1/1 oct.</b>	<b>0,09</b>	<b>0,11</b>	<b>0,27</b>	<b>0,37</b>	<b>0,35</b>	<b>0,32</b>

— 1/3 oct.  
\* 1/1 oct.

publication is permitted for the entire page only

RA

Mook, measured at 30-01-2025