

# Sound Absorption Coefficient According To ISO 354

# nurus

R&D ACOUSTIC LAB

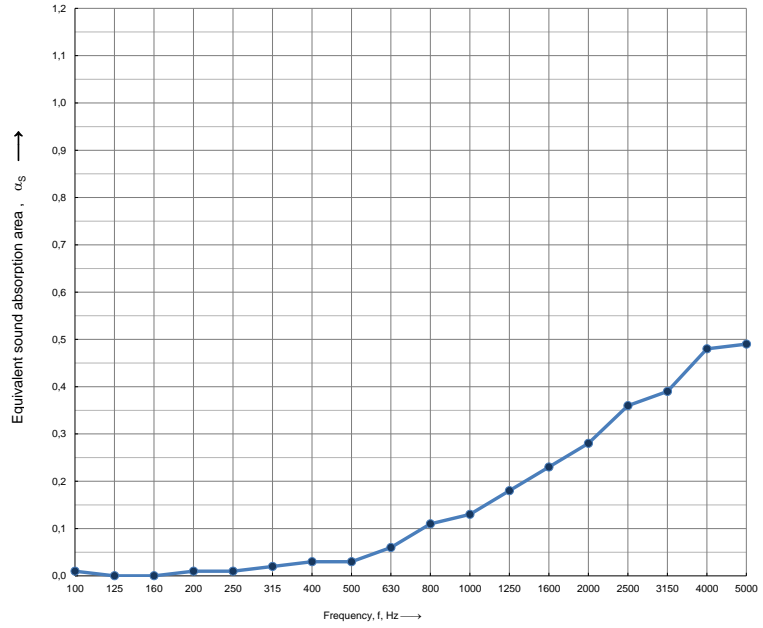
Measurement of sound absorption in a reverberation room,  $\alpha_s$

Date of test: 16.11.2018

**Client:** NURUS  
**Description:** FURNITURE MEASUREMENT  
**Object:** FELTBI 3mm KEÇE

**Test Object Surface Area, S:** 10,0 m<sup>2</sup>  
**Room Volume, V :** 166,7 m<sup>3</sup>  
**Total Room Surface Area, S<sub>r</sub>:** 189,0 m<sup>2</sup>

Frequency f [Hz]	$\alpha_s$ 1/3 Octave	$\alpha_p$ 1/1 Octave
100	0,01	0
125	0,00	
160	0,00	
200	0,01	0
250	0,01	
315	0,02	
400	0,03	0,05
500	0,03	
630	0,06	
800	0,11	0,15
1000	0,13	
1250	0,18	
1600	0,23	0,3
2000	0,28	
2500	0,36	
3150	0,39	0,45
4000	0,48	
5000	0,49	



Weighted Sound Absorption Coefficient According To ISO 11654		Sound Absorption Coefficient According To ASTM C423	
Weighted Sound Absorption Coefficient, $\alpha_w$ =	0,15 (H)	Noise Reduction Coefficient, NRC =	0,15
Sound Absorption Class :	E	Sound Absorption Average, SAA =	0,12

Name of test institute: NURUS AR-GE ACOUSTIC LAB

Testing Technician : Fırat CEYLAN

No. of test report:

Date

19.11.2018

Signature:

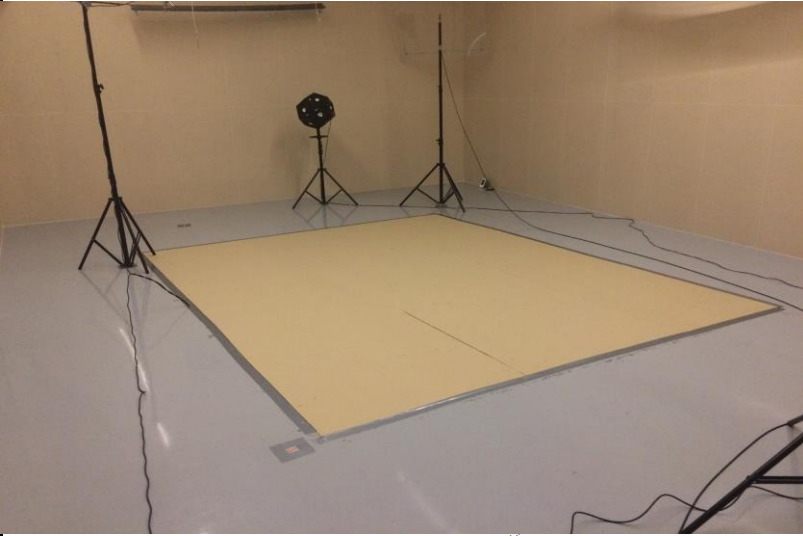
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**nurus**

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Measurement of sound absorption area in a reverberation room,  $A_{obj}$

16.11.2018



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