

# 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: **22.10.2018**

Client: BİÇER PROJE

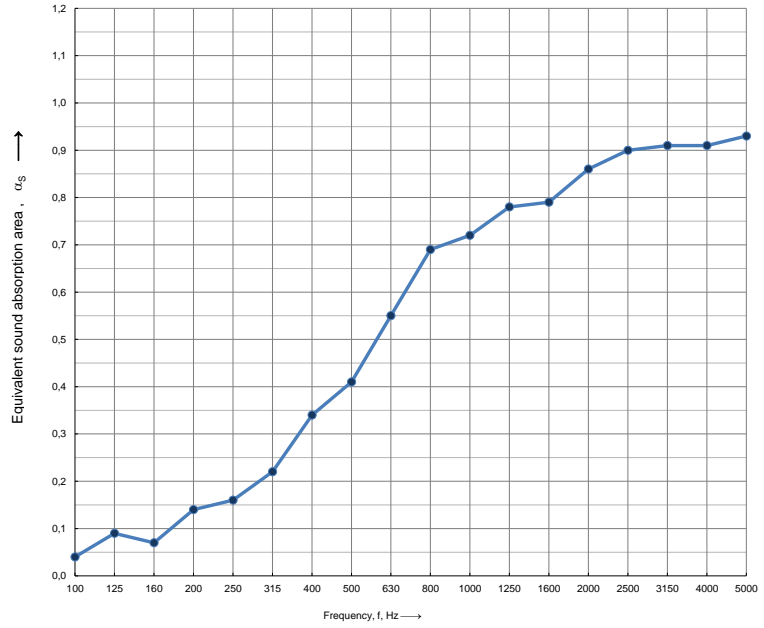
Object: İZOBOZZ 20 MM KEÇE

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	0,04	0,05
125	0,09	
160	0,07	
200	0,14	0,15
250	0,16	
315	0,22	
400	0,34	
500	0,41	0,45
630	0,55	
800	0,69	
1000	0,72	0,75
1250	0,78	
1600	0,79	
2000	0,86	0,85
2500	0,90	
3150	0,91	0,9
4000	0,91	
5000	0,93	



### Weighted Sound Absorption Coefficient According To ISO 11654

Weighted Sound Absorption Coefficient,  $\alpha_w$  = 0,45 (MH)  
Sound Absorption Class : D

### Sound Absorption Coefficient According To ASTM C423

Noise Reduction Coefficient, NRC = 0,55  
Sound Absorption Average, SAA = 0,55

Name of test institute: NURUS AR-GE ACOUSTIC LAB

Testing Technician : Fırat CEYLAN

No. of test report:

Date

22.10.2018

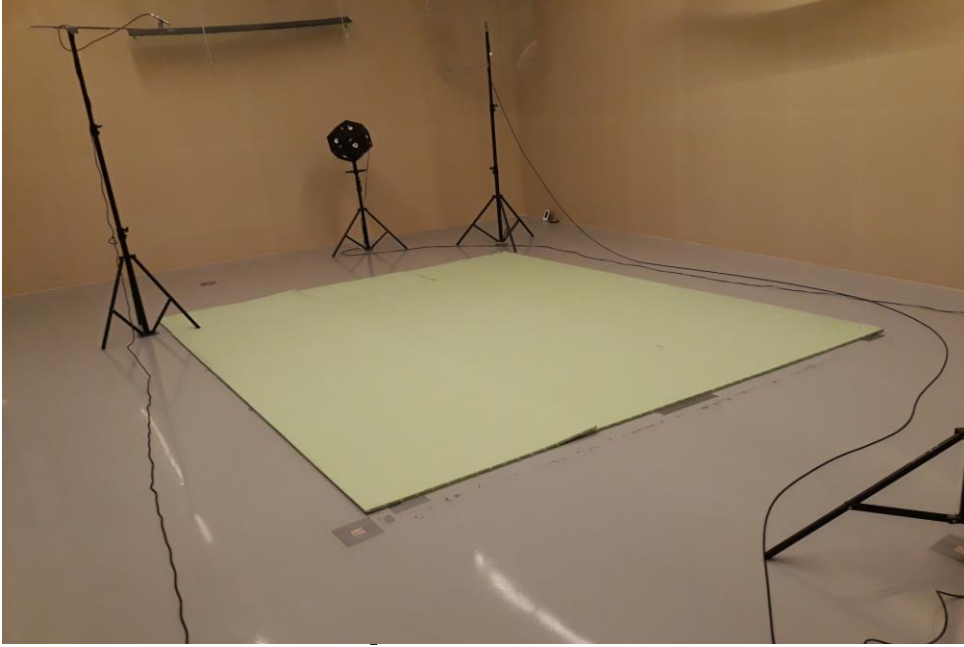
Signature:

## Sound Absorption Coefficient According To ISO 354

**nurus**

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



Equivalent sou

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