

Sound Absorption Coefficient According To ISO 354

nurus

R&D ACOUSTIC LAB

Measurement of sound absorption in a reverberation room, α_s

Date of test: **22.10.2018**

Client: BİÇER PROJE

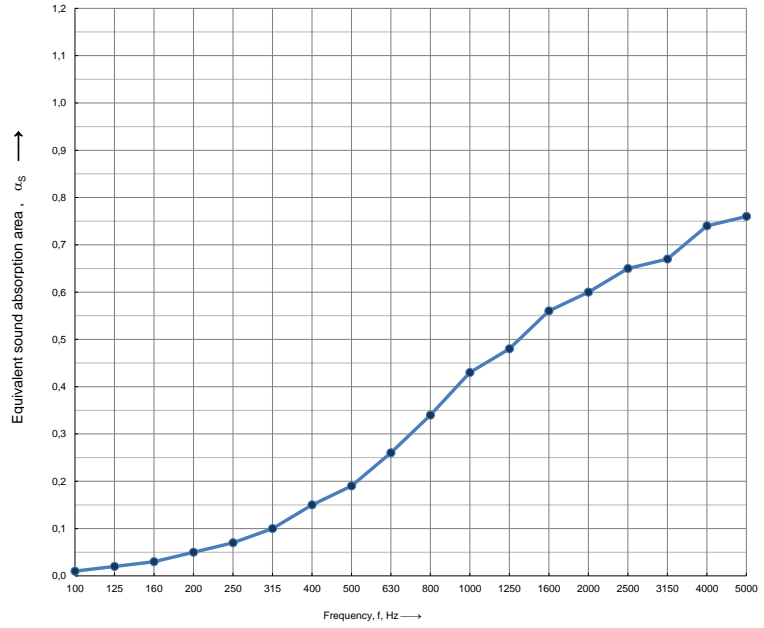
Object: İZOBOZZ 5 MM KEÇE
15.10.2018

Test Object Surface Area, S: 10,0 m²

Room Volume, V : 166,7 m³

Total Room Surface Area, S_t: 189,0 m²

| Frequency f [Hz] | α_s 1/3 Octave | α_p 1/1 Octave |
|------------------------|--------------------------|--------------------------|
| 100 | 0,01 | 0 |
| 125 | 0,02 | |
| 160 | 0,03 | |
| 200 | 0,05 | 0,05 |
| 250 | 0,07 | |
| 315 | 0,10 | |
| 400 | 0,15 | 0,2 |
| 500 | 0,19 | |
| 630 | 0,26 | |
| 800 | 0,34 | 0,4 |
| 1000 | 0,43 | |
| 1250 | 0,48 | |
| 1600 | 0,56 | 0,6 |
| 2000 | 0,60 | |
| 2500 | 0,65 | |
| 3150 | 0,67 | 0,7 |
| 4000 | 0,74 | |
| 5000 | 0,76 | |



Weighted Sound Absorption Coefficient According To ISO 11654

Weighted Sound Absorption Coefficient, α_w = 0,25 (H)
Sound Absorption Class : E

Sound Absorption Coefficient According To ASTM C423

Noise Reduction Coefficient, NRC = 0,3
Sound Absorption Average, SAA = 0,32

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

R&D ACOUSTIC LAB

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



ject,



Name of test institute: NURUS AR-GE ACOUSTIC LAB

Testing Technician : Firat Ceylan

No. of test report:

Date

22.10.2018

Signature: