

Equivalent sound absorption area ISO 354

Measurement of sound absorption in reverberation rooms

Client: True Design S.r.l.
Test specimen: Pincettes Screen

vertical screen mounted on a wooden arm on a concrete base
 The screen's material is thermo shaped polyester fibre, covered with wooden textile on both sides, density at the origin 50 kg/m³, thickness 6 mm

Room: Hallraum
 Volume: 199.60 m³
 Date of test: 2014-09-16

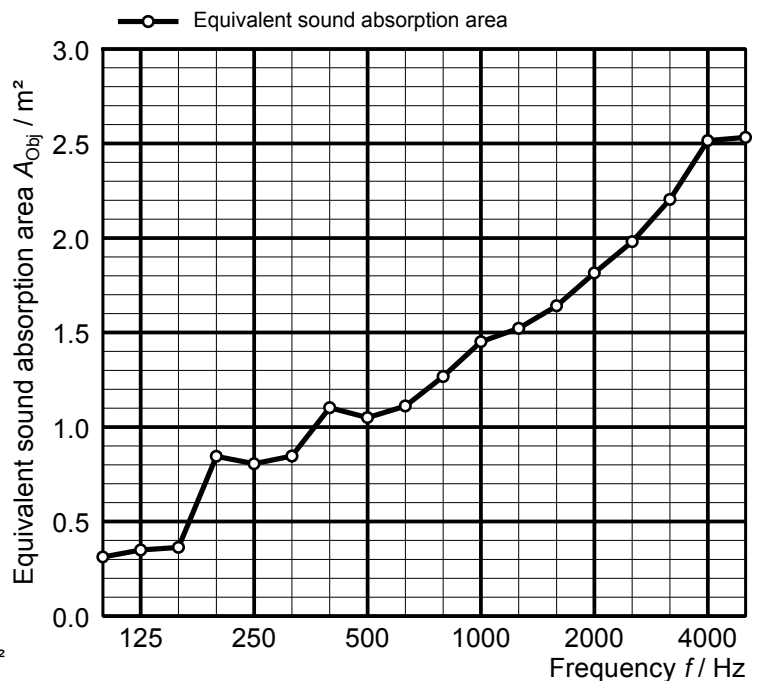
	θ [°C]	r. h. [%]	B [kPa]
without specimen	21.4	58.4	95.3
with specimen	21.7	59.8	95.3

Accredited testing laboratory according to ISO/IEC 17025



Frequency [Hz]	A_{Obj} 1/3 octave [m ²]
100	◦ 0.31
125	◦ 0.35
160	◦ 0.36
200	◦ 0.85
250	◦ 0.81
315	◦ 0.85
400	1.10
500	1.05
630	1.11
800	1.27
1000	1.45
1250	1.52
1600	1.64
2000	1.82
2500	1.98
3150	2.20
4000	2.52
5000	2.53

◦ Equivalent sound absorption area less than 1.0 m²



Bau4(v1.7.0.0) - f:\baupruefst\Baudata\116\116642\2014-09-16-Pincettes\116642_2014-09-16-Pincettes_4.mbd; 02.10.2014