

Equivalent sound absorption area ISO 354

Measurement of sound absorption in reverberation rooms

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

horizontal 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

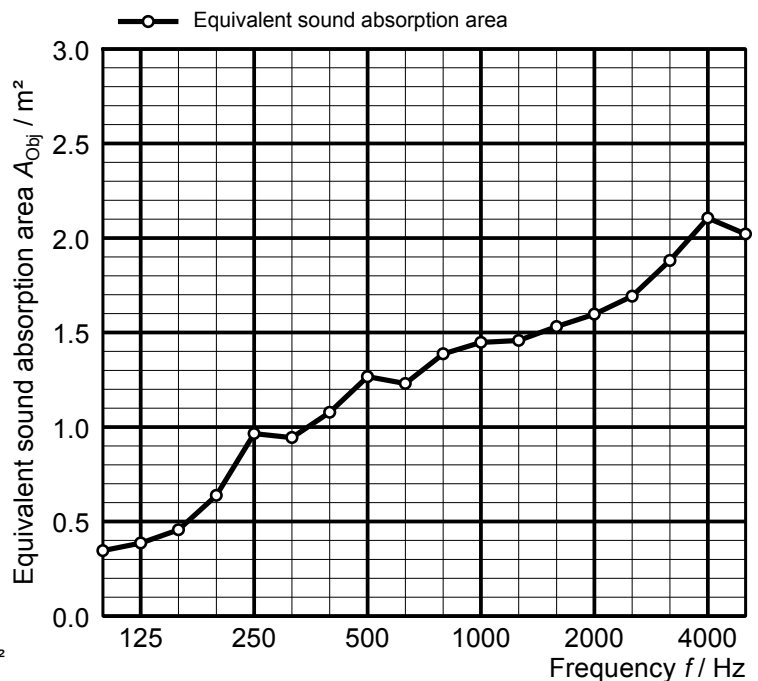
	θ [°C]	r. h. [%]	B [kPa]
without specimen	21.4	58.4	95.3
with specimen	21.8	59.9	95.3

Accredited testing laboratory according to ISO/IEC 17025



Frequency [Hz]	A_{Obj} 1/3 octave [m ²]
100	0.35
125	0.39
160	0.46
200	0.64
250	0.96
315	0.94
400	1.08
500	1.27
630	1.23
800	1.39
1000	1.45
1250	1.46
1600	1.53
2000	1.60
2500	1.69
3150	1.88
4000	2.11
5000	2.02

◦ 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_1.mbd; 02.10.2014