

# REPORT N. 051-2021-CR Eng

## UNI EN ISO 354:2003

### ACOUSTIC ABSORPTION MEASUREMENT IN REVERBERATION ROOM

**Issue place and date:** Cerea (VR), 21/11/2022

**Committee:** CENTRUFFICIO LORETO SPA – CUF MILANO

**Address committee:** Viale Andrea Doria, 17 – 20124 Milano

**Sample delivery date:** 3<sup>rd</sup> November 2021

**Sample provenance:** CENTRUFFICIO LORETO SPA – CUF MILANO

**Sample installation date:** 4<sup>th</sup> November 2021

**Sample installed in laboratory by:** Z Lab S.r.l. (sampling made by the committee)

**Test date:** 4<sup>th</sup> November 2021

**Test location:** Z Lab S.r.l. – Via Pisa, 7 – 37053 Cerea (VR) - Italia

**Sampling denomination:** FEI - Acoustic panels collection

**Mounting Type:** Discrete elements



LAB N° 1416 L

PREPARED	VERIFIED	APPROVED
Sabato Di Filippo	Antonio Scofano	Antonio Scofano

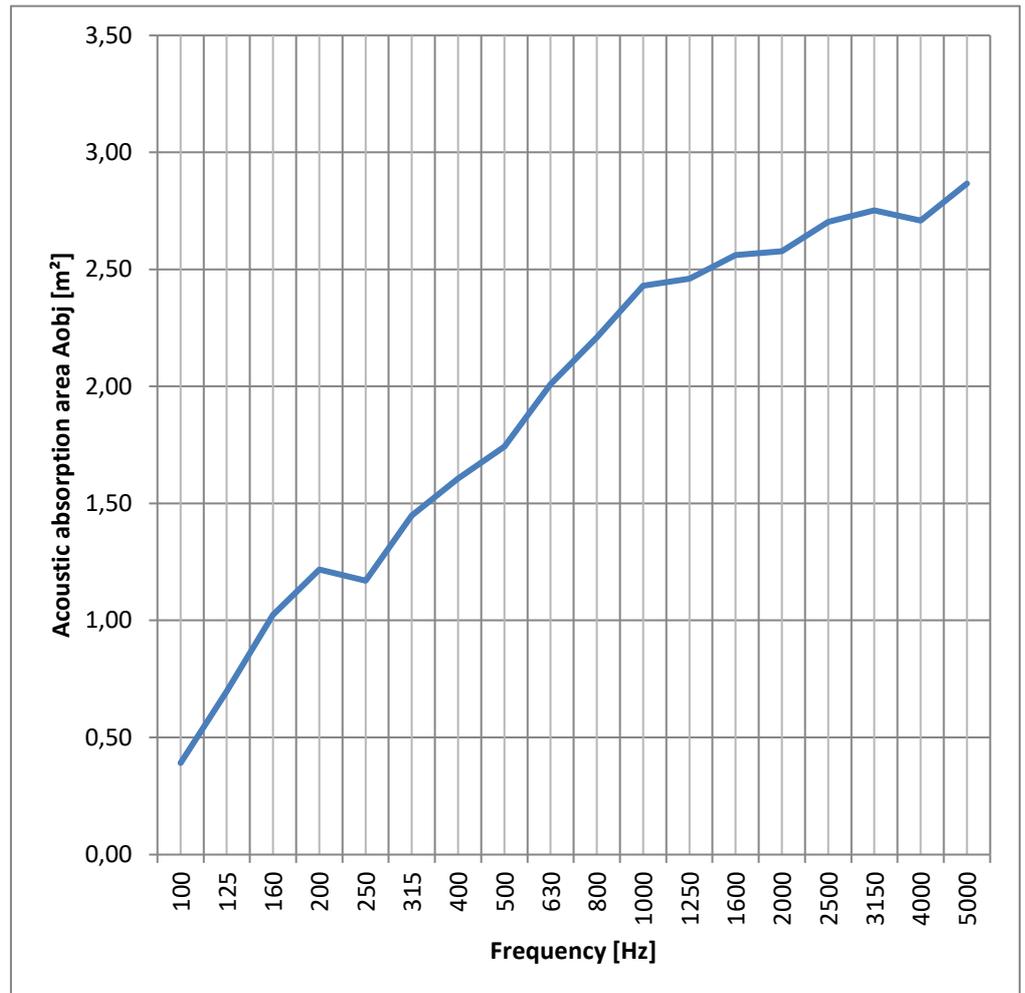
*Equivalent Sound Absorption of an individual object Aobj calculation in reverberation room according to UNI EN ISO 354*

Sample description: FEI - Acoustic panels collection

Mounting Type:: Discrete elements

Reverberation room volume: 161,3 m<sup>3</sup>

f [Hz]	Aobj[m <sup>2</sup> ]
	<i>Equivalent sound absorption of an individual object values</i>
100	0,39
125	0,70
160	1,02
200	1,22
250	1,17
315	1,45
400	1,61
500	1,74
630	2,01
800	2,21
1000	2,43
1250	2,46
1600	2,56
2000	2,58
2500	2,70
3150	2,75
4000	2,71
5000	2,87



Evaluation based on laboratory measurement results by means of a technical method.

Laboratory Manager, Ing. Antonio Scofano