Acústica Integral
making acoustics

PRODUCT SPECIFICATIONS

ACUSTIBAF-C

Sound Absorbing Acoustic Cylinders

ISO 9001 BUREAU VERITAS Certification

FC-Acustibaf-C-EN
Review 5
Date: 23/01/2014

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PRESENTATION

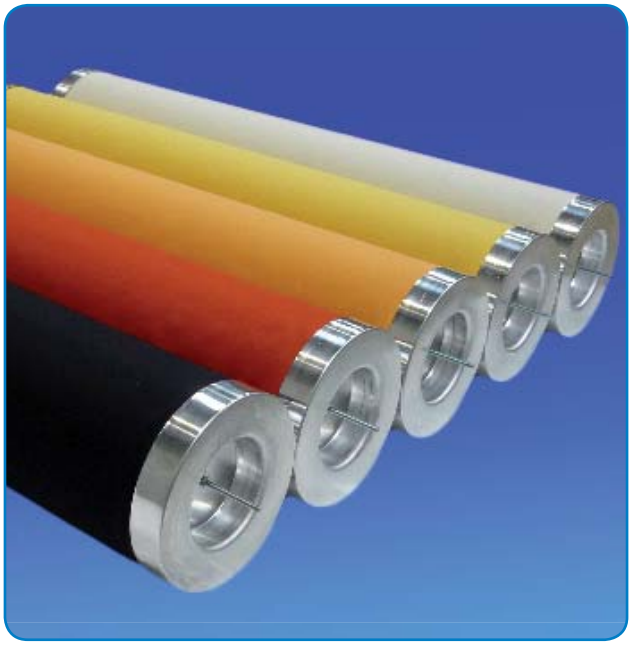
Acustibaf-C cylindrical acoustic baffles ensure considerable environmental noise reduction by means of the total or partial elimination of ceiling reflection and reverberations in the location.

ADVANTAGES

Improved soundproofing levels and reverberation times for all kind of environment where standard solutions cannot be used. Easy to install. Innovative design. A wide range of colours which may be mixed to obtain an aesthetic, attractive and elegant environment.

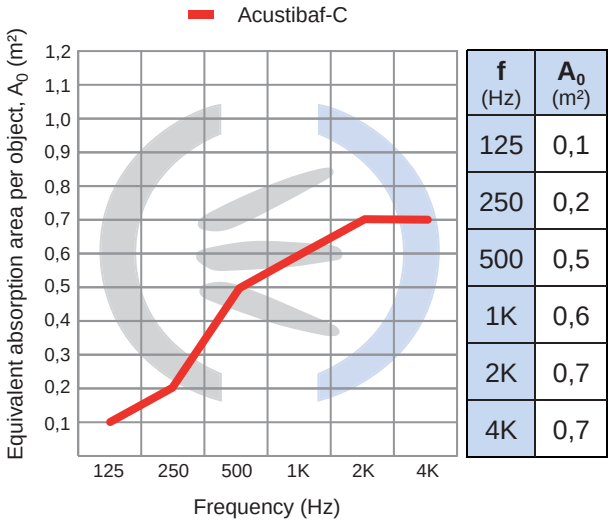
APPLICATIONS

Multi-use rooms, offices, shops, restaurants, bars, cafes, radio stations, home cinema, TV sets, cinemas, theaters, rehearsal rooms, museums, expositions, warehouses, hotels, gymnasiums, hospitals, clinics, etc.



TECHNICAL DATA

Material: Mineral fiber in a cylindrical shape.
Finishing: Fabric. Standard range of colours.
Performance: Sound absorber.
Dimensions: 1000 mm. or 1200 mm. long cylindrical baffle.
Diameter: 190 mm.
Thickness: 40 mm.
Ends: Aluminium lids.
Weight: 2.2 kg/unit.
Acoustic absorption: APPLUS Nr. 09/32300931.
Fire resistance B s2 d0 in accordance with **AITEX** Nr.10AN0192.



f (Hz)	A_0 (m²)
125	0,1
250	0,2
500	0,5
1K	0,6
2K	0,7
4K	0,7

(*) Data in accordance with a distribution of 1.7 cylinders/m².

	Acustibaf-C
Average equivalent absorption area per object, $A_{0,m}$ (m²):	0,6

PICTURES

ASSEMBLY INSTRUCTIONS

Handling

Acustibaf-C acoustic cylinders are extremely delicates and should be handled with the utmost care. They are supplied with a plastic cover to avoid damages during transport, handling and installation. This plastic should be removed and care taken not to use sharp objects which might damage the fabric.

A combination of different colors may be used to create an original structure. The number of baffles per m² will determine the acoustic performance of the installation.

The M6 threaded rod enables two types of installation:

Hanging cable installation:

Hung from the ceiling in accordance with prior design whereby a male eye screw is screwed into each end of the threaded rod. A hole is drilled into the ceiling to insert the female eye screw. The steel cables are cut at the same height and the cylinders are hung.(Fig.1)

Assembly with profiles:

Using the specially designed **Acústica Integral** profiles (Fig.2) the cylinders are installed on rails forming part of the profile.

SKETCHES AND PLANS

Hung from steel cables

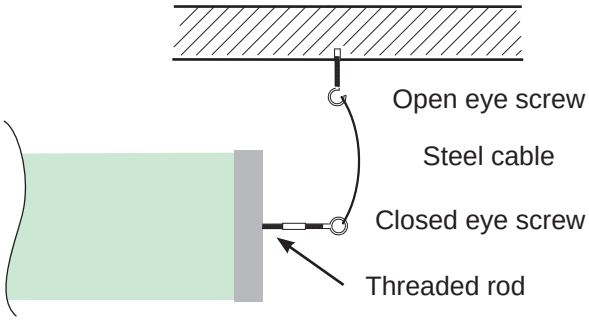
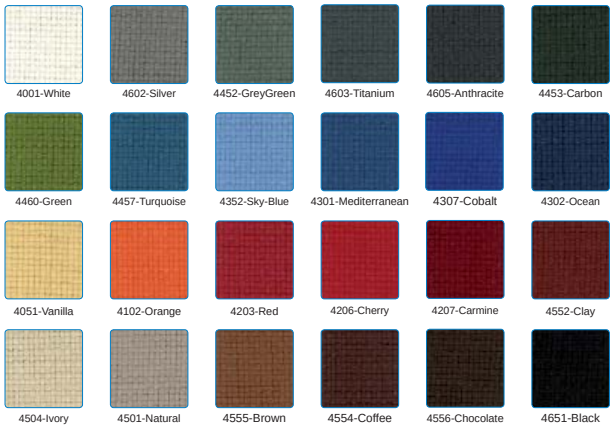


Fig.1

Fabric samples



The special **Acústica Integral** profile

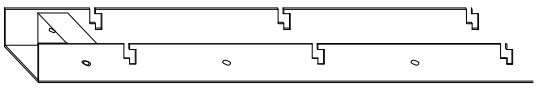


Fig.2

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