



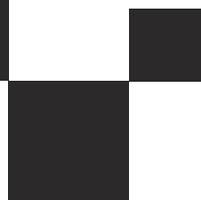
ideafoam

**Polyurethane
foam panel**

Acoustic cylinder

Bass tramp

**Enhanced acoustic
designs**



ideatec

advanced acoustic solutions



Product description

The **polyurethane foam acoustic cylinder** is a decorative and absorbent product for the ceiling, which helps improve the acoustic quality of a space, without the need of mayor changes. It is attached to the ceiling with a metallic bracket or suspended within the structure.

This product has been developed to correct acoustic problems usually found in any space, such as echo, concentration or excessive reverberation time, responsible for distorting sound in a space.

Technical information

Thanks to its polyurethane foam core, high absorption coefficients are obtained, making it an ideal product for correction of sound intelligibility caused by excessive reverberation.

Composition

The **cylinders** are composed of a tubular polyurethane foam structure of low density and open cell with memory material, which can be coated in a fireproof polyester material.



Technical characteristics

PRODUCT	CYLINDRIC
DIMENSION	(mm) L 950 mm (3' 1-7/16") D 200 mm (7-7/8")
DENSITY	(Kg/m ³) 25 (1,56)
ABSORPTION	(αm) 0,62 (0,8 cylinders/m ² - 9 cylinders/ft2)
WEIGHT	(Kg/Ud) 0,9 (2,13 lb/Ud)
FIRE RESISTANT	B/S 5852—UNE 53127 self-extinguishing
MOUNTING SYSTEM	Eyebolt rod (Ø6). Cable. Bracket (Ø100) Standard color: Gray
FINISH	Inquire about color options

Belly and Mini Belly

A cushioned coating made up of a foam semi cylinder with the option of a fabric finish. It may be installed directly on the wall or with a tongue and groove system.





Product description

Bass Traps correct issues with bass frequencies which can concentrate in the corners. The objective of the acoustic treatment is to reduce reverberation as uniformly as possible throughout the whole desired acoustic spectrum.

The traps are cut in a contemporary and attractive design, perfect for use while recording and dissemination of musical studies, rehearsal halls, audio and any open space requiring efficient acoustic absorption to improve the integrity and intelligibility of words, and the performance and dynamics of the room.



Technical information

Bass Traps offer high absorption efficiency. They are designed to be installed along the corners of a room, vertically and horizontally.

Composition

The acoustic traps are made of a low density polyurethane foam and an open cell with memory material.

Technical characteristics



PRODUCT	BASS TRAP 1
DIMENSION	300 X 300 X 600 mm (1' X 1' X 2')
DENSITY	(Kg/m ³) 25 (1,56)
ABSORPTION	(αm) 0,68
WEIGHT	(Kg/Ud) 0,94 (2,07 lb/Ud)
FIRE RESISTANT	B/S 5852–UNE 53127 self-extinguishing
MOUNTING SYSTEM	Adhesive or double sided tape
FINISH	Standard color: Gray Inquire about color options



PRODUCT	BASS TRAP 2
DIMENSION	350 X 300 X 600 mm (1' 1-3/4" X 1' X 2')
DENSITY	(Kg/m ³) 25 (1,56)
ABSORPTION	(αm) 0,70
WEIGHT	(Kg/Ud) 0,89 (1,91 lb/Ud)
FIRE RESISTANT	B/S 5852–UNE 53127 self-extinguishing
MOUNTING SYSTEM	Adhesive or double sided tape
FINISH	Standard color: Gray Inquire about color options



polyurethane foam sheets



Product description

The **polyurethane foam panel** is an absorbent decorative product for installation on walls and ceilings. It is used to enhance a facility without making mayor aesthetic changes.

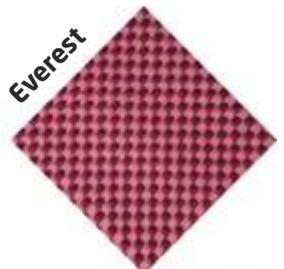
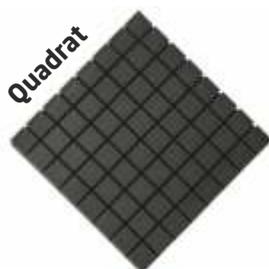
This product has been developed to correct acoustic problems usually found in any space, such as echo, concentration or excessive reverberation time, responsible for distorting sound in a space.

Technical information

Thanks to the variety of surfaces, the low-density foam and open cell, high absorption coefficients are obtained, making it the ideal product for correction of unwanted reverberation problems.

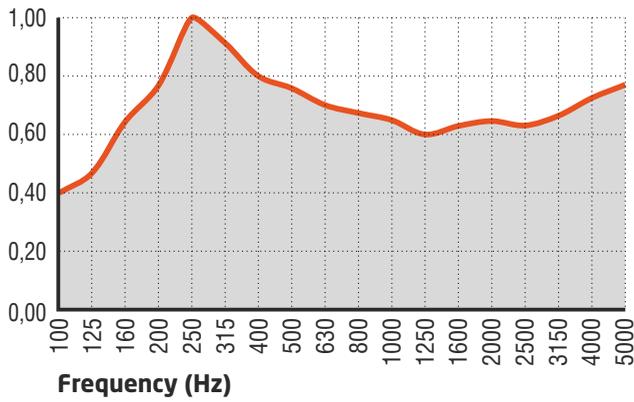
Características técnicas

PRODUCT	PYRAMIDS, QUADRAT, DENSITY AND EVEREST
DIMENSION	600 X 600 X 70 mm (2' X 2' X 2-3/4")
DENSITY	(Kg/m ³) 25 (1,56)
ABSORPTION	(αm) 0,79 (Pyramids)
WEIGHT	(Kg/Ud) 0,153 (0,34 lb/Ud)
FIRE RESISTANT	B/S 5852–UNE 53127 - self-extinguishing
MOUNTING SYSTEM	Adhesive or double sided tape
FINISH	Standard color: Gray. Inquire about color options



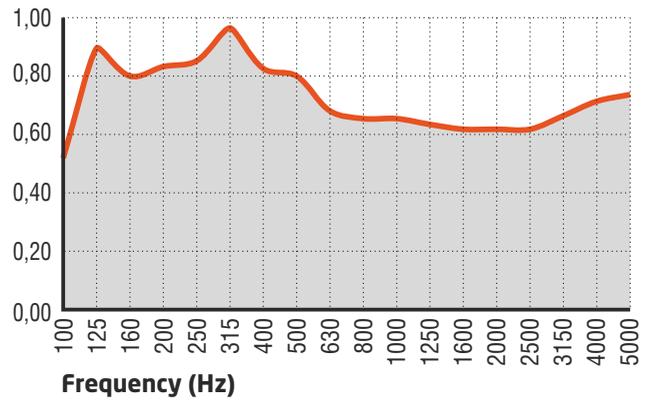
Bass trap 1

Sound absorption coefficient (sabines)



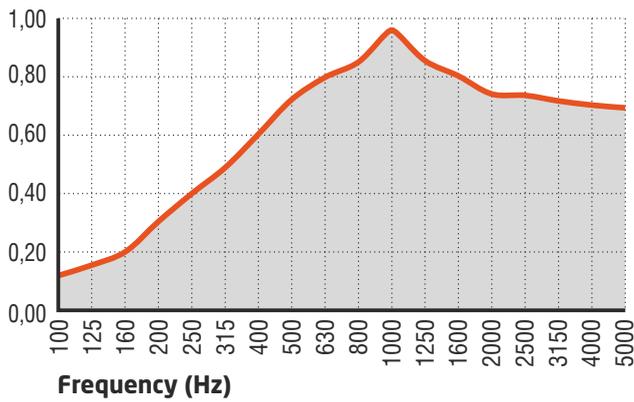
Bass trap 2

Sound absorption coefficient (sabines)



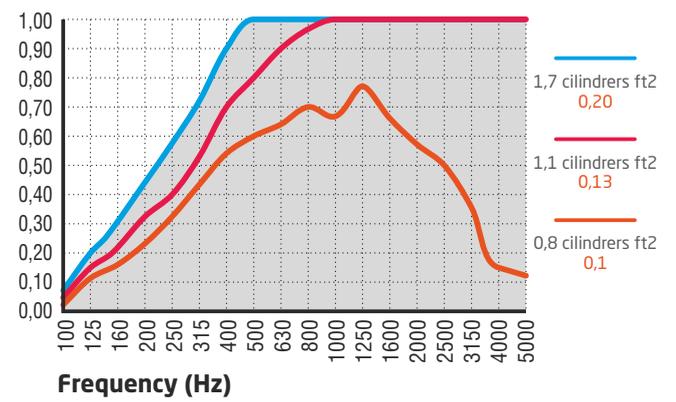
Squared Foam (Pyramids)

Sound absorption coefficient (sabines)



Acoustic Cylinder

Sound absorption coefficient (sabines)



Suspension system for the Acoustic Cylinder

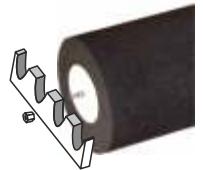
-1. Eyebolts and braided cable: Two cables are used with an eyebolt on each side. The cylinder is inserted in the threaded rods and fastened with a nut.



-2. Linked chain: The threaded rod is inserted in one of the chain's links and fastened with a nut, either horizontally or vertically.



-3. Toothed bracket system: The cylinder lays down on a bracket in the same manner as when creating a ceiling structure.



Fastening systems for Bass Trap and Foam Sheets

-1. Contact adhesive or silicone. It is applied behind the sheet and to the wall.



-2. DUAL LOCK adhesive tape. A piece of tape is cut and applied behind the sheet and to the wall.



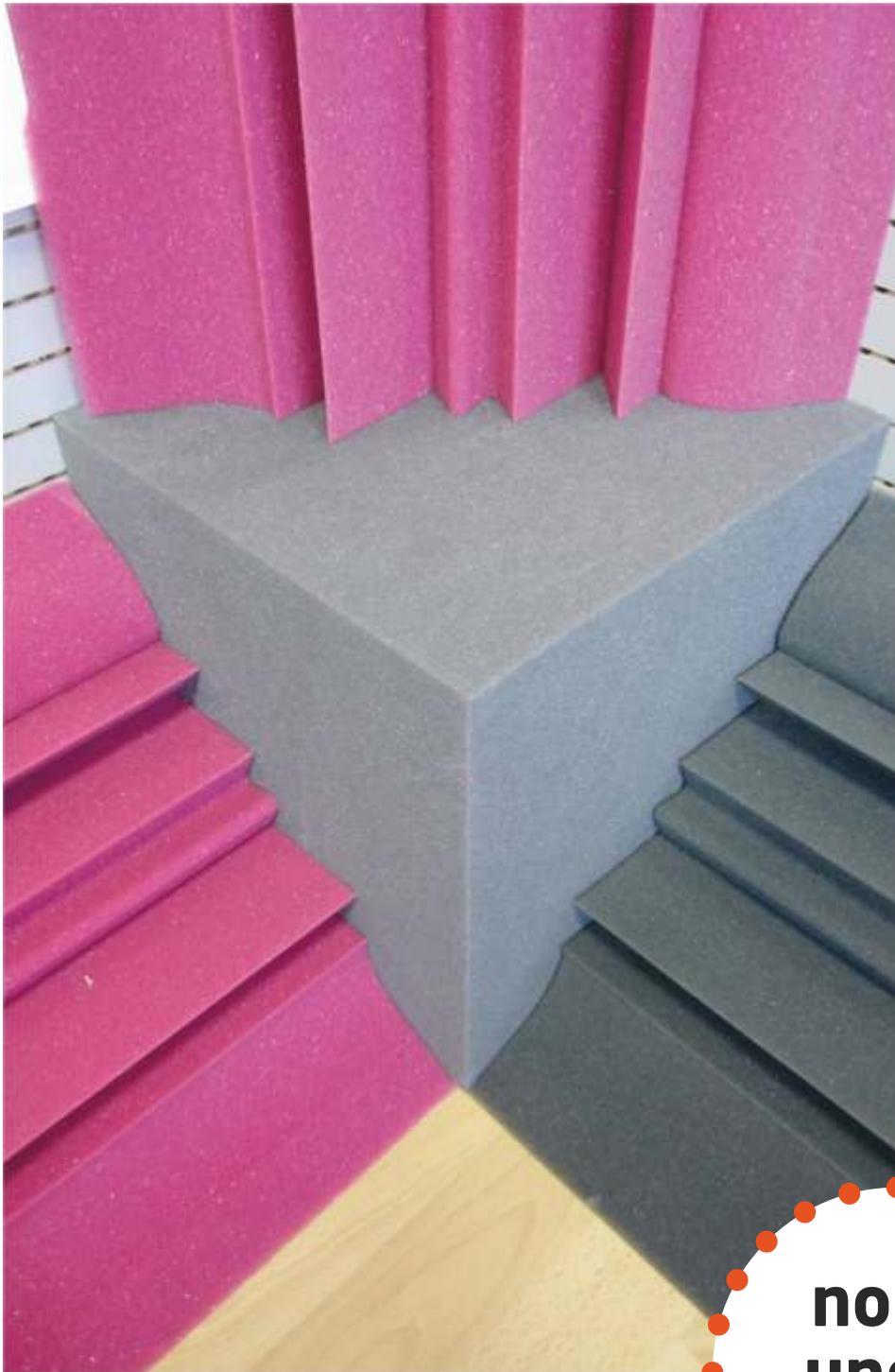
Finished fabric Acoustic Cylinder



Bass Trap and Foam Panels Finishes



Inquire about color options



**noise
under
control**



Ideatec

Pol. Ind. Santa Fe // Comuna di Carrara, 10

03660 **Novelda** (Alicante) Spain

T. +34 965 609 046 // +34 965 609 162 // **F.** +34 965 609 163

www.ideatec.es // info@ideatec.es