

Main Office, R&D and Logistics

Avenida do Polo 3, nº159,
4590-137 Carvalhosa
Paços de Ferreira - Portugal
Tlm. : +351 917 851 019

Office 2

Rua Quinta do Bom Retiro nº16, Armazém 9
2820-690 Charneca da Caparica - Portugal
Tel. : +351 212 964 100
Fax : +351 212 964 101
E-mail : info@vicoustic.com

Vicoustic USA

5701 Sixth Avenue South, Suite 229
Seattle, WA 98108
Tel. (206) 767-2020
E-mail : info@vicousticusa.com

www.vicousticusa.com

The Flat Panel Pro consists of a perforated acoustic foam with high resistance fire rating, providing a wide range of applications in the aesthetic point of view. The Flat Panel Pro has been specially developed to be used in restaurants, offices and meeting rooms, combining acoustic efficiency and an elegant appearance, now in rectangular panels (120 x 60 cm).

Available in two different foams (Vicoustic Foam and Vicoustic Tech Foam), two distinct thicknesses (2 cm and 4 cm) and also in a Premium version where the panel is covered in 8 different colored fabrics, the variations are many.

Vicoustic's research has revealed that perforated foam performs better compared with standard cut foam. A perforated, 40mm thick panel gives the same results as a 70 mm thick standard panel. This is because in addition to increasing the surface absorption, it also works as a sound trap.

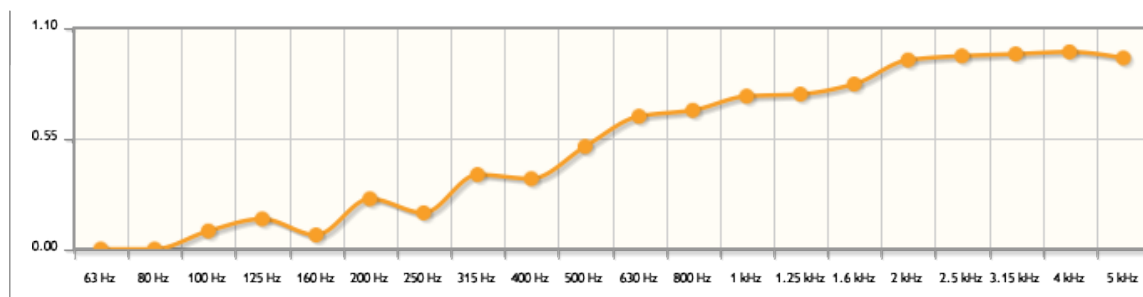
The Flat Panel Pro Premium is truly effective when applied in any type of space. A scientific combination of material, perforated absorption surface and cavity thickness means that the panel's absorption performance is extremely efficient in any acoustic treatment. The Flat Panel Pro Premium offers you the best performance on medium frequencies and high frequencies.

VICOUSTIC TECH FOAM: made of Basotect®; foam, it's long-term resistance to high temperatures and excellent fire characteristics are based on the use of melamine resin. The high nitrogen content of the resin is responsible for the extremely flame-resistant property of the foam without the need for fire retardants, making it particularly suitable for applications with high fire safety requirements.

Features:

- Low weight,
- Low temperature flexibility,
- High sound absorption capacity,
- Good thermal insulation properties,
- Constant physical properties over a wide temperature range, application temperature up to 240 °C [465 °F],
- Available in two thicknesses: 20 mm and 40 mm,
- Available in two acoustic foams; Vicoustic Foam and Vicoustic Tech Foam

Graph



Ref: P00244

Technical File

Scratch Resistance: No

Washable: No

Technical File

Performance

Functionality: Absorption
Absorption Frequency: Medium
Absorption Class: D
alpha with Shape Indicators: 0.50 (H)
NRC: 0.600
Fire Class European (EN): Euroclass B
Fire Class Germany (DIN): B1
Fire Class France (NF P): M1

Shipping

Units Per Box: 16 boxes
Box Dimensions: 1230.0 x 630.0 x 340.0 mm

Raw Materials

Material: Fabric, Foam
Foam Type: Tech

Design

Fabric Color: Beige
Edges: Angled

Installation

Place: Wall, Ceiling
Fixing Type: Glued

Technical File