



**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](mailto:info@vicoustic.com)

**Vicoustic USA**

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

[www.vicousticusa.com](http://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 &deg;C [465 &deg;F],
- Available in two thicknesses: 20 mm and 40 mm,
- Available in two acoustic foams; Vicoustic Foam and Vicoustic Tech Foam

**Main Info**

Ref: B00344

EAN13: 5600301845819

HS-Code: 39211310

Dimensions: 1200.0 x 600.0 x 20.0 mm

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: Blue  
Edges: Angled

## Installation

Place: Wall, Ceiling  
Fixing Type: Glued

*Technical File*