



#### 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 FOAM: a polyurethane foam with extraordinary acoustic properties and classified in M1 class of fire reaction. Known for its flexibility and versatile applicability, this durable material is ideal for installations that require endurance.

#### 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: B00318

EAN13: 5600301845550

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 F  
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: M1

## Design

Fabric Color: Black  
Edges: Angled

## Installation

Place: Wall, Ceiling  
Fixing Type: Glued

*Technical File*