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This acoustic panel consists of advanced acoustic foam technology allowing the highest absorption properties and an excellent fire rating standard. The Visquare Tech can also have a white or black finish and also has a Premium version where the panel is covered in a colored fabric, available in 8 colors. The combination of the acoustic foam and the cover gives the Visquare Tech a fire rating Euro Class B.

Visquare is designed to perform on medium and high frequencies giving an absorption effect. The effect occurs when sound energy passes through the perforated foam.

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. Visquare's holes are specifically designed to line-arise the absorption coefficient spectrum.

It is well known that foam absorption is not linear and the higher the frequency, the greater the efficiency. Vicoustic's research has shown that there is a particular way to create a flat absorption response with the foam, as seen with Cinema Round Premium and now with Visquare, where the foam is non linear.

Visquare is designed for spaces with a demanding acoustic environment. The high acoustic performance of the Visquare Tech acoustic panel is due to its open-cell, fine foam structure and perforated surface. This acoustic panel is excellent for absorbing reverberations caused by multiple sound reflections on surfaces. Such reverberations can increase loudness, making music or speech less perceptible, and thus obtrusive to a theatre audience for example.

#### 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],
- Flame resistant - Euro Class B
- No fibre shedding (giving an advantage over mineral fibre), making it highly suitable for use in public spaces such as restaurants etc.
- highly suitable, cost-effective solution for large spaces.
- Available in two thicknesses: 40 mm and 60 mm

#### Applications:

Recording and Broadcast Studios, Post Production Studios, Conference and Teleconference Rooms, Public Spaces, Auditoriums, Restaurants, etc.

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## Technical File

Please notice that the dimensions of this panel have a tolerance margin of  $\pm 3$  mm

## Main Info

Ref: B00651  
EAN13: 5600301843877  
HS-Code: 39211310  
Dimensions: 595.0 x 595.0 x 40.0 mm  
Scratch Resistance: No  
Washable: No

## Performance

Functionality: Absorption  
Absorption Frequency: Medium  
alpha with Shape Indicators: 0.65 (MH)  
NRC: 0.750  
Fire Class European (EN): Euroclass E

## Shipping

Units Per Box: 12 boxes  
Box Dimensions: 620.0 x 620.0 x 495.0 mm  
Box Weight: 5.4 kg

## Row Materials

Material: Fabric, Foam  
Foam Type: Tech

## Design

Fabric Color: Orange  
Edges: Angled

## Installation

Place: Wall, Ceiling  
Fixing Type: Glued

# Technical File