



## Advanced Acoustics AeroFoil Acoustic Tile

### Data Sheet

Individual Acoustic Tile Sizes Available	12" x 12" (304mm x 304mm)
Quantity Of Acoustic Tiles Per Box	12
Total Area Covered Per Box	12ft <sup>2</sup> (1.11m <sup>2</sup> )
Acoustic Tile Thickness	10mm at the base, 65mm at the peak
Noise Reduction Coefficient (NRC)	0.75
Acoustic Foam Colour	Charcoal
Acoustic Foam Density	30 kg/m <sup>3</sup>
Acoustic Foam Composition	Open Cell Polyurethane Acoustic Foam
Fire Classification	Crib 5 and Schedule 1, Part 1 of the Furnishings and Furniture (fire)(safety) Regulations 1988 (amended 1989)
Profile Description	CNC cut AeroFoil Profile

#### Description

Inspired by the wing of a plane these tiles are the result of countless hours of development. By optimising the shape and perfecting the CNC programming this design of acoustic tile offers an enlarged surface area and increased average thickness resulting in increased absorption along a wider range of frequencies.

By installing small clusters of these sound deadening acoustic tiles in a random orientation around the room at first reflection points or at other key areas you will increase acoustic clarity and remove unwanted distortion. These acoustic studio foam tiles work hard at controlling mid to high frequencies to help remove echo and control reverberation. These tiles can also be mixed with our other 12" Studio Foam Tiles to create a unique design. Care is taken in optimising size, profile, foam cell structure and foam density to present a product that offers high visual and acoustic value.



Durability is high on our list of priorities too, we manufacture a foam that won't crumble and turn to dust and won't change colour as soon as you've mounted them to the wall or ceiling. The bottom line is that the AeroFoil Acoustic Studio Foam Tiles will assist both you and your room in working to it's full potential.

The acoustic foam we use in manufacturing these and all our other acoustic tiles and products has been carefully developed to offer you optimum performance. The structure of the cells, the foam's density and the composition of the foam is perfect for offering even, controlled and balanced absorption. As you can see below even though the product is only 65mm thick it offers very good performance for the lower mid range and all the way up to the high frequencies. This is all thanks not only to the foam we use with its density of  $30\text{kg/m}^3$  and perfect cell structure but it is also thanks to the design of the profile. That, balanced with not taking any foam out of the tile to create the cube profile, means there is still plenty of foam per tile to give you that required absorption.

The acoustic foam we use also conforms to the more stringent fire tests of Crib 5 and Schedule 1, Part1 of the Furnishings and Furniture Regulations so you will have peace of mind that the product you are using is safe also. And you also have our guarantee that the foam will stand the test of time. The colour we use has been carefully selected to ensure that it doesn't quickly discolour or fade over time. You won't have the problem of the foam crumbling and turning to dust either. We know that treating your studio is a big investment and we want to make sure that your investment stands the test of time. The only way to ensure that is by sticking with Advanced Acoustics. We have many years of experience in acoustic treatment and soundproofing. Acoustic Treatment and Soundproofing are the only products we deal with. You won't see us selling any other forms of foam or bedding. Acoustic foam is all we do and we are very good at it as our outstanding feedback testifies. Our products have been used by a full host of companies including the BBC, Williams F1 Team, McLaren, Cisco, Cadburys and ITN just to mention a few.

This item is kept permanently in stock. The foam we use is an open cell polyurethane acoustic foam and is available in charcoal only.

