



Advanced Acoustics 12” Sawtooth Acoustic Tile Data Sheet

Individual Acoustic Tile Sizes Available	12” x 12” (305mm x 305mm)
Quantity Of Acoustic Tiles Per Box	24
Total Area Covered Per Box	2.23m ²
Acoustic Tile Thickness	¾” (20mm) at the base, 1 ½” (40mm) at the peak
Noise Reduction Coefficient (NRC)	0.60
Acoustic Foam Colour	Charcoal
Acoustic Foam Density	30 kg/m ³
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 sawtooth Profile with 1 ½” (40mm) between peaks

Description

The design and profile of these tiles is sharp, crisp and clean, just like your recordings will be once the tiles are installed in your studio. By installing small clusters of these acoustic tiles in a random orientation around the room at first reflection points or at other key areas will increase acoustic clarity and remove unwanted distortion.

The acoustic foam we use in manufacturing these and all our other acoustic tiles and products has been carefully selected 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 40mm thick it offers very good performance for the mid and high frequencies. This is all thanks not only to the foam we use with its density of 30kg/m³ and perfect cell structure but it is also thanks to the design of the profile. The wedge profile we have painstakingly developed is the optimum for getting the best performance out of the tile. The surface area of each tile is greatly increased when compared against a flat piece of foam. That, balanced with not taking too much foam out of the tile to create the wedge 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, Part 1 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.

The shape of the tiles means you can create different arrangements of tiles such as herringbone effect clusters. This item is kept permanently in stock. The foam we use is an open cell polyurethane acoustic foam and is available in charcoal only. A thicker version of this tile is also available.



Full performance details are on the next page.

Advanced Acoustics

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