



Advanced Acoustics Starter Kit #7

Data Sheet

The Advanced Acoustics Starter Kit #7 contains 48 Wedge PRO Acoustic Tiles and 4 3ft Quadrant Bass Traps

The wedge profiled acoustic tile is the most popular profile of tile that is used for studios, for both professional and home alike. And it is clear to see why, the classic CNC cut of the wedge profile is clean and tidy and the consistent uniform profile makes installation of the tiles a breeze too. Plus with the various ways you can layout the tiles and orientate them you can create some stunning patterns too. Of course, it's not just the look of the tile that is important but it also the performance and durability. You'll be glad to hear we haven't spent all our time making the tile look good and sacrificing those two other more important aspects.

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 75mm 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 30kg/m^3 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.

When it comes to bass control and low frequency absorption mass and depth of material is king. The more material you can place in the corner of a room the greater the control you will have over your room. Low end energy congregates in corners, vertical and horizontal. This build up can be as much as 10dB and higher. However by installing acoustic foam in the corners you can help to bring that build up under control. The Quadrant Bass Traps are unique in design and the design has several bonus points over standard design Bass Traps.

The curved face of the bass trap results in a larger surface area than standard shaped Bass Traps. This results in the bass traps looking bigger and so performing better, being able to absorb to lower frequencies. Thanks to the shape of the bass trap they are deeper too. This extra depth again helps to improve absorption especially at the very low frequencies, frequencies that standard shaped bass traps simply can't touch. The problem with most shaped and profiled bass traps is that they take foam out of the bass trap, this is only going to inhibit performance. However with the shape we have developed we are adding foam into the bass trap and in turn improving performance.

The acoustic foam we use 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



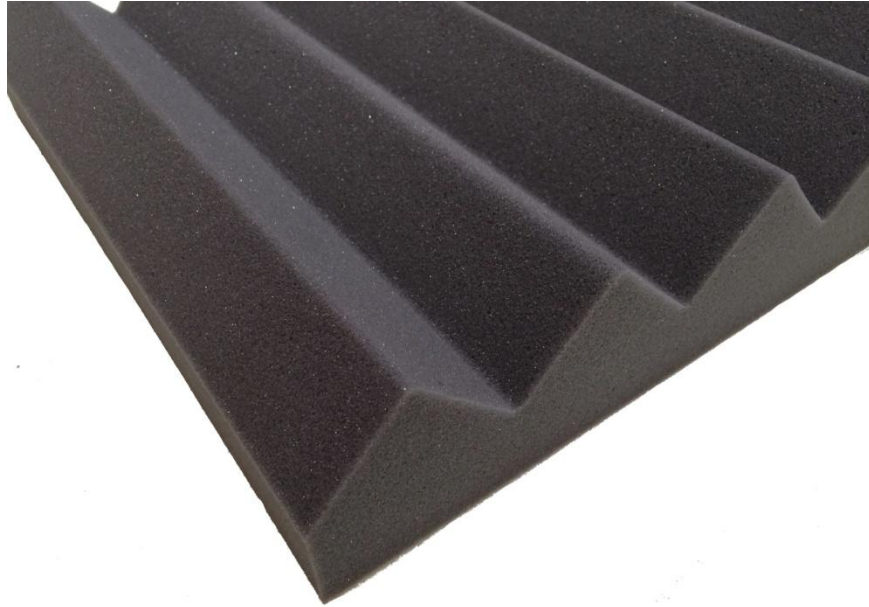
Acoustics. We have many years of experience in acoustic treatment and soundproofing. Acoustic Treatment and Soundproofing are the only products we deal with. You won't see us selling any other forms of foam or bedding. Acoustic foam is all we do and we are very good at it as our outstanding feedback and previous customers will testify. 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.

Technical Details

Individual Acoustic Tile Size	15" x 15" (381mm x 381mm)
Quantity Of Acoustic Tiles Per Starter Kit	48
Total Area Covered Per Box	75ft ² (6.96m ²)
Acoustic Tile Thickness	1 1/2" (38mm) at the base, 3" (75mm) at the peak
Noise Reduction Coefficient (NRC)	0.95
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 Wedge Profile with 3" (75mm) between the peaks

Individual Bass Trap Size	12" x 12" x 36" (305mm x 305mm x 915mm)
Quantity Of Bass Traps Per Starter Kit	4
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)
Bass Trap Description	Triangle corner mounted bass trap with a quarter circle face



Full performance details are on the next page

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