



PRO))) SOUND™

Room acoustic Treatment systems

Acoustic Ceiling Tiles

ProSound™ acoustic ceiling tiles are a high performing, Class A, sound absorbing tile designed to fit in to a standard suspended ceiling grid system.

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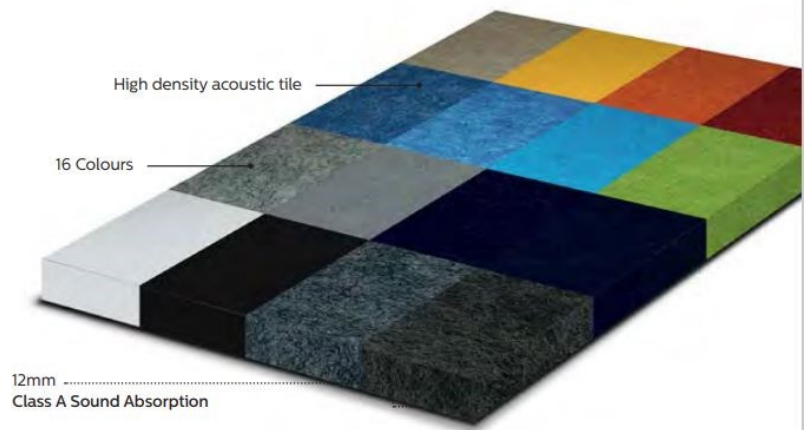
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Advantages

- Outstanding performance—Class A
- 16 Standard fabric colours to choose from
- Made from recycled plastic bottles
- Easy Installation method
- Very light weight
- Quick lead time



Application

The ProSound™ acoustic ceiling tile is a universally designed lightweight suspended ceiling tile which sits inside a suspended ceiling grid system. The tile comes in a standard size of 600 x 600 x 12mm and 1200 x 600 x 12mm thick (modular size) with a square edge and available in 16 colours. Because of its enhanced acoustic qualities, it is suitable for a variety of spaces such as offices, retail environments and class rooms.

The core material is a compressed polyester panel manufactured using post-consumer recycled polyester from plastic bottles.

The material is then transformed into an acoustic tile in various colours which are non-toxic and free from Formaldehyde. The ProSound™ acoustic ceiling tile range has been designed to a very specific density to achieve the correct acoustic



Sound Absorption acoustic performance

ProSound™ Acoustic Ceiling Tile -Class A								
Frequency (Hz)	125	250	500	1000	2000	4000	NRC	Sound Absorption Class
12mm Acoustic Tile	0.40	0.85	1.00	0.90	1.00	1.00	0.95	A

Noise reduction coefficient I.E 0.95= 95% of that sound frequency (Hz)

Class A in accordance with EN-ISO 11654. α_w 0.95 in accordance with EN-ISO 11654. Noise Reductions Coefficient (NRC) 0.85 in accordance with ASTM C 423-01.



Cleaning

Light dirt marks can be removed by using a damp Cloth, A small area should be tested before doing the rest of the area to ensure that surface is not adversely affected.



Weight

approx. 3.5 kg/m²



Fire Resistance

ProSound™ Acoustic ceiling tile has been tested and offers EN 13501-1:2007+A1:2009 Fire classification of construction products and building elements— Part 1: Classification using data from reaction to fire tests, Class B

Installation

ProSound™ suspended acoustic ceiling tiles are to be installed into a standard 24mm exposed T-section suspended ceiling grid profile. The tiles are 600 x 600mm and 1200 x 600mm modular size with a square edge. The thickness of the tile is 12mm.

