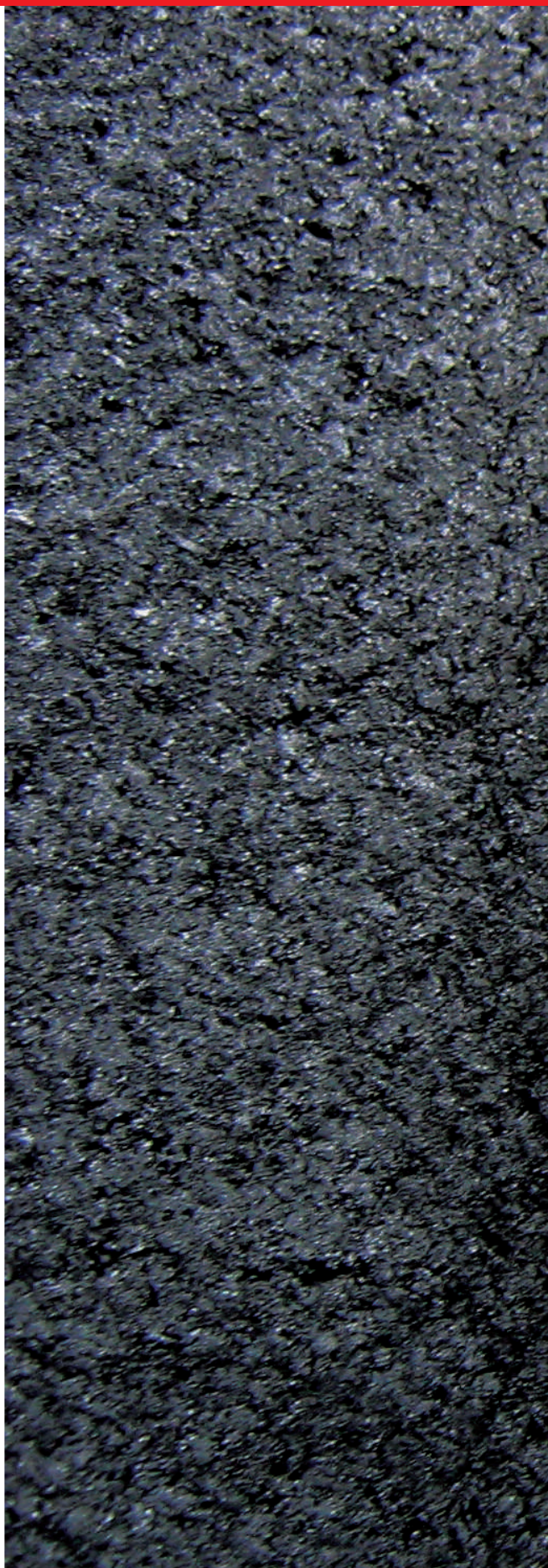


# Airborne Noise Reduction

## **ACCOSOUND** ACOUSTIC INSULATION



## Applications

### Industry

Generator Canopies, Engines, Air Handling Units, Wall Acoustics, Printing and Metal Handling Machinery, Pipelines, Vacuum Cleaner, Washing Machine and General Enclosures.

### Transport

Engine rooms in vehicles and vessels, operator's cabin of earth moving machinery, Mobile generator vans.

### Health Care

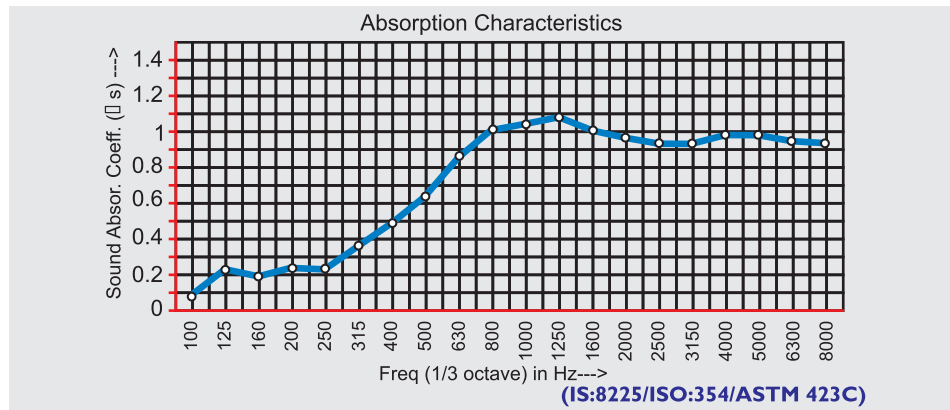
Audiometric rooms.

### Commercial Buildings

Lifts, Motor Rooms, Office Partitions, Floating Floors, Recording Rooms, Bowling Alley, Dance Floors, Studios, Auditoriums, Multiplexes and Cinema Halls.

### Method of Use

The sheets are cut to the required shape and carefully stuck using a suitable rubber based adhesive on to a surface that must be free from oil, dirt and dust.



**Product Characteristics** Accosound is a blended elastomeric nitrile rubber acoustic absorber having open cell structure with complex pore geometry for effective absorption of air-borne sound across a broad range of frequencies.

The high density provides an effective barrier to sound transmission.

The elastic properties helps to dampen the structure-borne noise transmission.

**Antimicrobial range Accosound-AM is also available\***  
(EPA approved anti-microbial agent)

### Advantages

Effective noise control and thermal insulation

Dust and Fiber Free

Resistant to Mineral Oil, Organic Solvents and Dilute Inorganic Acids & Bases

### Note:

The shaping, thickness and positioning of the material is of major importance to achieve an optimal noise-absorption effect.

It can be used for noise control in a Wide range of industrial fields.

Please refer details given in the datasheets.

Please contact us for feasibility of manufacturing of customized material sizes.

## Technical data

Noise Absorption	See Diagram
Max. Surface Temp.	+105° C
Min. Surface Temp.	- 40° C
Fire safety	Class 1 (BS476 Part 7), ASTM D635, IS 15061
Colour	Black
Density	180 Kg/m <sup>3</sup> (±10%)
Antifungal*	ASTM G21
Antibacteria*	ASTM 2180
(Also available in density of 200, 250 Kg/m <sup>3</sup> )	

**Note:** Tolerance - Sheet width 1000mm±20mm. sheet thickness from 6mm to 19mm ±1mm and for 25mm & 32mm±2mm.

## CERTIFICATIONS



SGS



ARAI  
Progress through Research

## NOISE CONTROL

### Packing Details

Thick	No of Pcs/Box	Total SQM/Box
10mm	10 Pcs	10 Sqm
12mm	8 Pcs	8 Sqm
15mm	7 Pcs	7 Sqm
20mm	5 Pcs	5 Sqm
25mm	4 Pcs	4 Sqm
30mm	3 Pcs	3 Sqm
50mm	2 Pcs	2 Sqm
100mm	1 Pcs	1 Sqm

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Disclaimer: Although these values represent actual results achieved in tests, they should only be used as a guide. ALP Aeroflex cannot guarantee the performance of the product as all situations are different & should be treated separately. All statements & technical informations are based on results obtained under typical conditions. It is the responsibility of the recipient to verify with us that the informations are appropriate for specific use intended by the recipient.