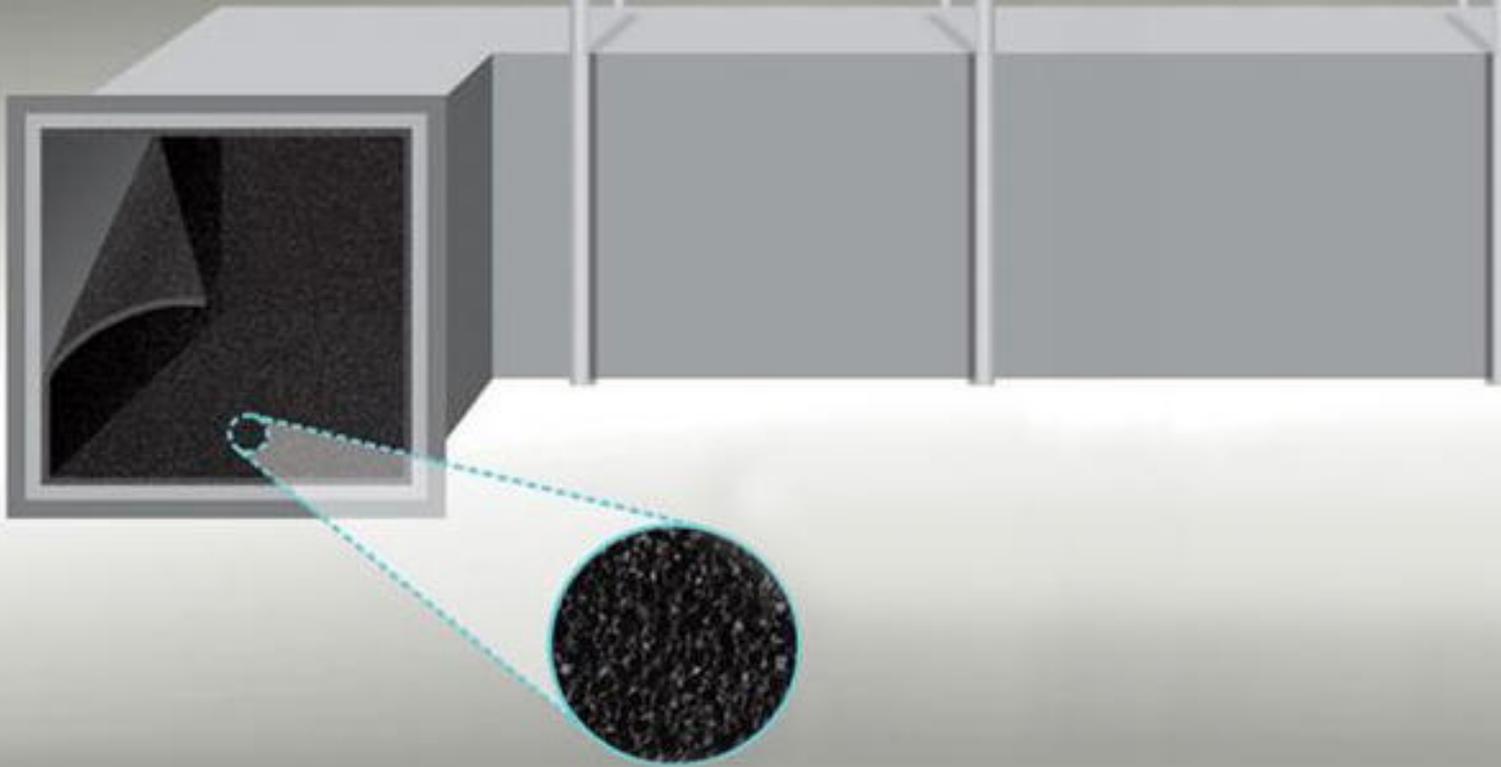




ALP AFRICA (PTY.) LTD.

ACCOSOUND™



HIGH PERFORMANCE ACOUSTIC INSULATION

ADVANTAGES

- ◆ Excellent noise absorber
- ◆ Dust & fiber free
- ◆ Non-eroding
- ◆ Anti-microbial for better IAQ
- ◆ Fire safety - Class 1
- ◆ Easy to apply

CERTIFICATIONS



PRODUCT DESCRIPTION

ALP Accosound is an elastomeric nitrile rubber based noise absorber having open cell structure with complex pore geometry for effective absorption of air-borne noise across a broad range of frequencies.

The high density provides an effective barrier to noise transmission whereas the elastic properties help to dampen the air-borne & structure-borne noise transmission.

METHOD OF USE

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

TECHNICAL DETAILS

Applications	Industry	: Acoustic lining of ducts and plant rooms, air handling units, acoustic panels, home theaters, wall acoustics and white goods.
	Transport	: Engine rooms in vehicles & vessels, Operator's cabin of earth moving machinery, Mobile generator vans.
	Health care	: Audiometric room.
	Commercial Building	: Lifts, Motor rooms, Office partitions, Floating, Recording rooms, Bowling alley, Dance floors, Studios, Auditoriums, Multiplexes and Cinema halls.

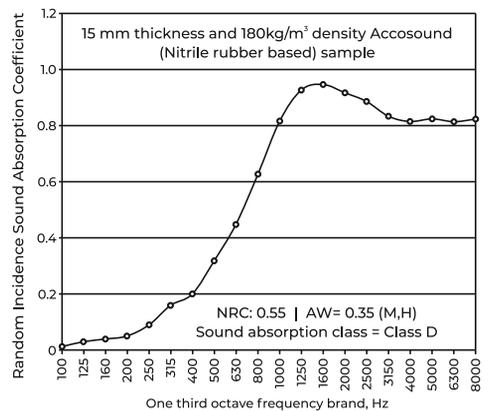
Assembly Accosound can be used together with ALP Aeroflex adhesives (Aerostick) for a complete insulation system.

Product Range Available in plain and self-adhesive sheets in 6, 10, 15, 20, 25, 30, 40 & 50 mm thickness of 1000 mm width and length

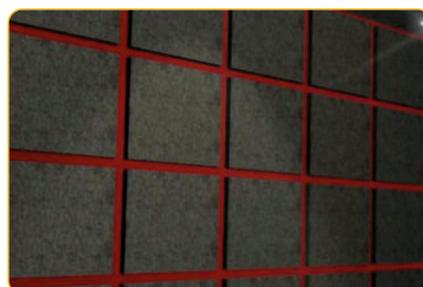
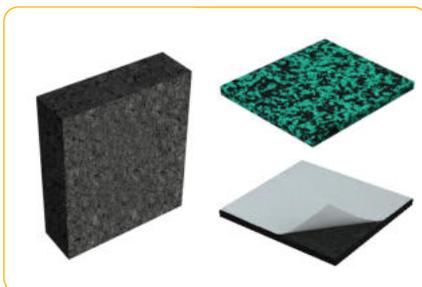
TECHNICAL SPECIFICATION

PROPERTIES	VALUES	TEST METHOD
Fire Safety	Class 1	BS 476 Part 7
Working Temp. Range	-20 °C to +85 °C	
Resistance to fungi	No Fungal growth	ASTM G 21
Resistance to bacteria	No Bacterial growth	ASTM E 2180
Colour	Black	
Thermal conductivity W/m.K	≤0.055 W/m °K at 20 °C	ASTM C-518
Density	180 to 220 Kg/m ³	
NRC*	Tested	ASTM C-423/ ISO 354
Air erosion	Upto 10,000 FPM	ASTM C1071-19 (PASS)

Noise Absorption Graph



* NRC: Noise reduction coefficient



Notes:

- Pressure sensitive adhesive backing is available against special order.

AAIPL-AS-PC-040622

ALP AFRICA (PTY.) LTD.

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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 data and technical information are provided above are based on results obtained in tests carried out under typical conditions, by the respective testing authorities for base foam only. It is the responsibility of the recipient to verify with us that the information is appropriate for specific use intended by the recipient.