



ALP AFRICA (PTY.) LTD.

# ACCOFOAM™



## HIGH PERFORMANCE THERMO ACOUSTIC INSULATION

### ADVANTAGES

- ◆ Good noise absorption
- ◆ Fire safety - Class 0 & Class 1
- ◆ Vibration/ Jolting - Resistant
- ◆ Easy to apply
- ◆ Light weight & flexible
- ◆ No health hazard
- ◆ No microbial growth
- ◆ Fiber free

### CERTIFICATIONS



warringtonfire

## PRODUCT DESCRIPTION

Accofoam is a thermo-acoustic convoluted elastomeric Nitrile/ EPDM rubber foam material, scientifically developed to provide superior sound absorption in the low and mid frequency range. The convoluted shape increases the absorptive surface area than a flat surface and it entraps and deflects sound waves efficiently. Accofoam is a great choice where a fire safe, flexible, light weight, high performance noise absorption material is required.

Accofoam is an excellent internal insulation lining material for circular ducts and provides both thermal and acoustic insulation.

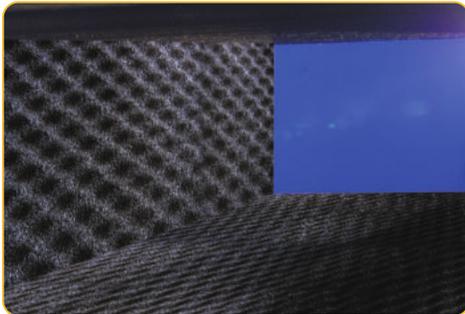
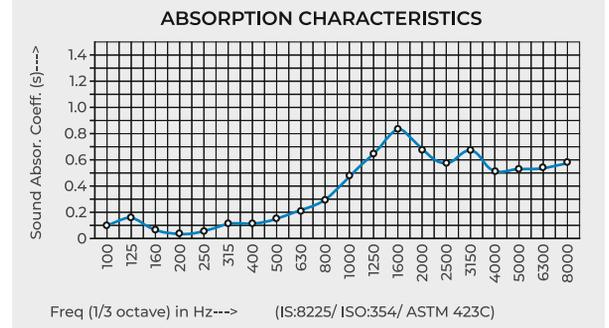
## METHOD OF USE

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

Applications	Industry	: Acoustic lining of ducts, Air handling units, Acoustic panels, speaker box acoustic lining, Enclosures and canopy of factory machinery, fans, generators, engines and compressors.
	Transport	: Engine enclosures in vehicles and vessels, bus body - anti damping, Operator's cabin.
	Health care	: Audiometric room, generator, enclosure, Air-conditioning and ventilation ducts.
	Commercial Building	: Auditoriums wall acoustics, multiplexes, recording room, studios, cinema halls, office partitions, discotheque, home theater, air-conditioning ducts and ventilation systems
Assembly	Accofoam can be used together with ALP Aeroflex adhesives (Aerostick) for a complete insulation system.	

## TECHNICAL DETAILS

PROPERTIES	VALUES
Temperature range	-40 ° C to + 105 ° C
Fire Safety	Class 0 (BS 476 Part 6 & 7)
Thermal Conductivity	$k \leq 0.036 \text{ W/m K @ } 20^\circ \text{ C}$
Colour	Black
Thickness	10mm, 12mm, 15mm, 18mm & 25mm
Density	40 to 60 $\text{kg/m}^3$



**Notes:**

- EPA approved anti-microbial version is also available in Class 0 grade.
- Pressure sensitive adhesive backing is available against special order.

AAIPL-AF-PC-040622

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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 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.