



Lamapro 'VP' Series acoustic foam is a profiled flexible open cell material offering durability and excellent sound absorbing qualities.

The material is chemically inert, non-dusting and due to its flexibility is easily applied to curved surfaces or deformed to fit complex shapes. The product has the additional benefit of being exceptionally fire resistive, meeting the requirements of Class '0' to Building Regulations.

'VP' Series acoustic foam is available with a self-adhesive backing film to simplify installation.

Optionally, the product can be supplied with spray applied surface coatings.

The material is also can be supplied in composite form in combination with lead foils, polymeric barriers and damping sheets.

An in-house cutting service is available for supply to final sizes / shapes using a variety of processing techniques including die-cutting and CNC cutting.

### Applications

The product is used in many varied applications and industries including construction, marine, automotive, H & V and OEM. Some applications use the product as a component sound absorbing or resilient spacing layer within a bespoke composite material. Common applications include: internal lining of ductwork & ventilation equipment; spatial absorbers; ceiling tiles; absorber panel infills; absorption linings in marine craft, automotive vehicles, generators, compressors, process plant and electrical equipment.

### Installation

The material is normally adhered to the background surface using a separate adhesive or by means of the optional self-adhesive backing (see specification sheet on self-adhesive films for properties and limitations). Additionally the product can be mechanically fixed (using large headed fixings or spreader washers). Our insulation support pins and non-return washers represent a suitable fixing. Please contact our technical section for advice on suitable adhesives and mechanical fixings.

### Specification

Type	Impregnated flexible PU
Colour	Black
Density	80-90 kg/m <sup>3</sup>
Fire Performance	BS 476, Part 7: Class 1 BS 476, Part 6: I<12, I(1) <6 (Class '0' to Building Regulations)
Thermal Conductivity	0.052 W/m.k
Service Temperature range	-30° to 100°C
Standard Sheet Size	2000 x 1200, 2000 x 1000mm
Standard Thickness	Various base and rise options available – please enquire.
Other Forms	Rolls & Die-cut parts

### Acoustic Performance

Thickness		Sound Absorption Coefficients				
	100Hz	250Hz	500Hz	1kHz	2kHz	4kHz
25mm Base / 25mm Rise	0.17	0.35	0.60	0.67	0.70	0.83