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### 'V' SERIES ACOUSTIC FOAM

#### 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 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. Additionally, the product can be mechanically fixed using large headed fixings or spreader washers

#### Specification

Product	'V' Series Acoustic Foam
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 'O' to Building Regulations)
Thermal Conductivity	0.052 W/m.k
Service Temperature Range	-30°C to 100°C
Standard Sheet Size	1000mm x 2000mm, 1200mm x 2000mm
Standard Thickness	6, 10, 12, 15, 20, 25, 35, 40, 50, 75 & 100mm (Additional thicknesses on request)
Other	Rolls & die-cut parts

#### Acoustic Performance

Thickness	Sound Absorption Coefficients					
	100Hz	250Hz	500Hz	1kHz	2kHz	4kHz
12mm	0.05	0.15	0.20	0.35	0.40	0.45
25mm	0.10	0.25	0.45	0.60	0.65	0.75
50mm	0.25	0.45	0.70	0.85	0.85	1.00

Practical Absorption Coefficients to EN ISO11654:1997