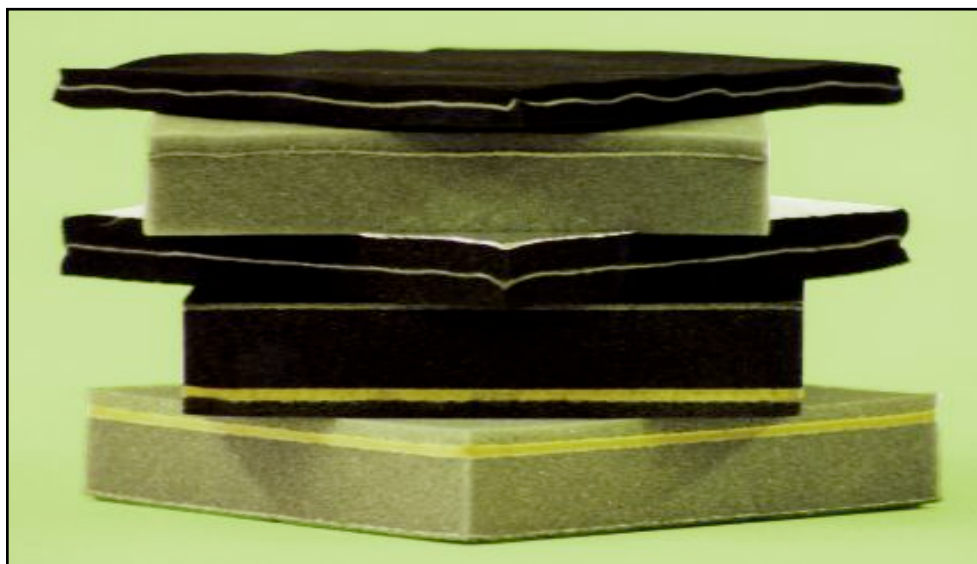


CoustiLam

Description

CoustiLam products are manufactured by laminating various sound absorbing polyurethane foams to a sound insulating polymeric barrier. Each composite is available with a wide range of surface finishes to suit specification requirements.



CoustiLam products are designed for use in applications where there is a requirement for both sound absorption and sound insulation.

They are available in standard size sheets, with or without a self-adhesive backing, or as individual components die-cut to size and shape.

Colour	CoustiLam FX	-	Grey
	CoustiLam NFX and CVA-O	-	Black

Product Range and Application

CoustiLam FX

Designed for general purpose applications to absorb noise and reduce sound transmission. It is manufactured using a 5 or 10kg/m² polymeric barrier sandwiched between two layers of polyurethane foam. It can be supplied plain or with any one of the surface finishes detailed overleaf. **CoustiLam FX** is used extensively in the original equipment market to reduce noise in compressors, machine tools, hoods and covers, acoustic enclosures and fans.

CoustiLam NFX

Designed to absorb noise and reduce sound transmission in applications where there is a requirement for a fire rated surface finish. It is manufactured with two layers of Class 'O' polyurethane foam and a 5 or 10kg/m² polymeric barrier core. It can be supplied plain or with any one of the surface finishes detailed overleaf. **CoustiLam NFX** is used extensively on pipes and ductwork and in general purpose applications for the building services market.

CoustiLam CVA-O

Designed for use above suspended ceiling systems to reduce room to room noise transmission through the void above. It is manufactured with two layers of Class 'O' polyurethane foam with a 5 or 10kg/m² polymeric barrier core.

Operating Temperature

CoustiLam products can be used at continuous operating temperatures ranging from -10°C up to 80°C.

Data Sheet
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Fire Performance

CoustiLam FX and NFX meet the requirements of FMVSS 302/ISO 3795

CoustiLam CVA-O meets the requirements of FMVSS 302/ISO 3795 and has a Class 'O' surface finish when tested in accordance with BS476: Part 6: 1989 and Part 7: 1987.

Acoustic Performance

Product	Overall Thickness mm	Sound Transmission Loss					
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
CoustiLam FX	34	26.5	26.5	24.5	36.0	49.5	54.0
CoustiLam NFX	34	26.5	26.5	24.5	36.0	49.5	54.0
CoustiLam CVA-O	13	26.5	26.5	24.5	36.0	49.5	54.0

Dimensions and Density/Weight

Product	Density/Weight		Overall Thickness mm	*Standard Size Sheets mm
	Foam kg/m ³	Barrier Core kg/m ²		
CoustiLam FX	20-23	5 or 10	34	2000 x 1200
CoustiLam NFX	75	5 or 10	34	2000 x 1200
CoustiLam CVA-O	75	5 or 10	13	2000 x 1200

* Other sizes, thicknesses and shapes are available subject to minimum order quantities. Further details available on request.

Availability

CoustiLam FX and NFX are available plain or with a wide range of surface finishes as detailed below. Products can be supplied with or without a self-adhesive backing.

Type of Facing	Main Benefit of Facing	Colour	Ordering Reference
Bright Class 'O' Foil	Class 'O' facing	Silver	BCO
Polyurethane Film	Durable and impervious	Black	C
Vinyl Impregnated Glass Cloth	Class 1 Fire Rating	Grey	VK
Aluminised Polyester Film	Reflective and impervious	Silver	A
Perforated Vinyl	Decorative and durable	Black	V
Unperforated Vinyl	Decorative and durable	Black or Grey	VUP
PVC Spray Coating	Can be sprayed on edges	Matt Black	SB
Tedlar Film	Hygienic and durable	White	TW
Polychloroprene Glass Cloth	Class 'O' Fire Rating	Beige or Green	CG
Self-Adhesive Backing	Self-Adhesive	n/a	SA

How to Order

When ordering **CoustiLam** quote the product name followed by the ordering reference detailed above:

e.g. CoustiLam FX with PVC coated glass cloth and self-adhesive backing
= CoustiLam FX VK SA

For Further Information

contact
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