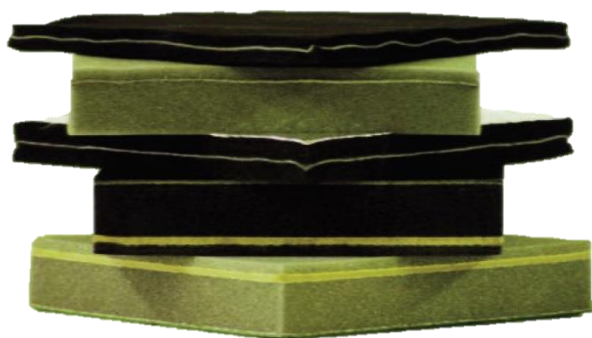


CoustiLam

CoustiLam is a composite material consisting of sound absorbing polyurethane foam laminated to a sound insulating polymeric barrier. The configuration provides a product which can be used in applications that require both sound absorption and insulation. There are three grades: FX, NFX and CVA-O. CoustiLam FX is for general purpose applications. CoustiLam NFX consists of two layers of Class 0 polyurethane foam and so provides a fire rated surface finish. CVA-O is for use above suspended ceiling systems.

Key Features and Benefits

- Excellent fire sound absorption and insulation properties
- Absorb high levels of reflected noise
- CVA-O meets Class 0 requirements
- Available in a range of finishes
- Can be cut to bespoke shapes and sizes



Applications

- Compressors, generators, and fans
- Mechanical services equipment
- Pipes and ductwork
- Plenums
- Hoods and covers
- Suspended ceiling systems

Colour and Finish

CoustiLam FX – Gray

CoustiLam NFX and CVA-O – Black

Operating Temperature

Can be used at continuous operating temperatures from -10°C up to 80°C

Availability

CoustiLam is available plain, or with a wide range of facings.

Dimensions and Weight

Product	Density/Weight		Overall Thickness mm	Sheet sizes mm
	Foam Kg/m ³	Barrier Core Kg/m ³		
FX	20-23	5 or 10	34	2000 x 1200
NFX	75	5 or 10	34	2000 x 1200
CVA-O	75	5 or 10	13	2000 x 1200

* Other thicknesses, sizes and shapes are available.

Acoustic Performance

Product	Thickness mm	Sound Absorption Coefficient (BS EN ISO 354)					
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
FX	34	26.5	26.5	24.5	36	49.5	54
NFX	34	26.5	26.5	24.5	36	49.5	54
CVA-O	13	26.5	26.5	24.5	36	49.5	54

Technical Advice

Highly qualified building and acoustic consultants are available to offer assistance and advice to clients, architects and contractors on all aspects of noise control to ensure design specifications and acoustic performance requirements are achieved. They can also undertake noise surveys and provide details of anticipated reverberation times pre and post installation.

Fire Performance

CoustiLam CVA-O and NF foam complies with the Class 'O' requirements of the Building Regulations, when tested to BS476: Part 6: 1981 and Part 7: 1987.

The information contained in this data sheet is believed to be correct at the date of publication. The information is based on our general experience and is given in good faith but because of the many factors outside our knowledge and control which may affect the product no warranty is given or is to be implied with respect to such information. H&H Acoustic Technologies Ltd reserves the right to alter or amend the specification of their products without notice as their policy is one of constant improvement.