

CoustiLam Marine

Description

CoustiLam Marine is manufactured with a 5 or 10kg/m² polymeric barrier, sandwiched between two layers of Class 'O' polyurethane foam with a white reinforced PVC film on the outer surface.



It is designed for use in small craft where there is a combined requirement for both sound absorption and sound insulation to improve passenger and crew comfort.

CoustiLam Marine is available in standard size sheets with or without a self-adhesive backing or can be die-cut to size and shape.

Colour - White surface finish

Application

CoustiLam Marine is used extensively in the engine rooms, accommodation areas, bulkheads, under decks and hull plates in small vessels.

Operating Temperature

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

Fire Performance

CoustiLam Marine complies with BS EN ISO 9094-1:2003 for small craft up to 15m long and BS EN ISO 9094-2:2002 for small craft over 15m long having an oxygen index greater than 21 when tested in accordance with BS EN ISO 4589-3:1996.

Acoustic Performance

Product	Overall Thickness mm	Sound Transmission Loss					
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
CoustiLam Marine	22	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 Marine	75	5 or 10	22	2000 x 1200

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

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