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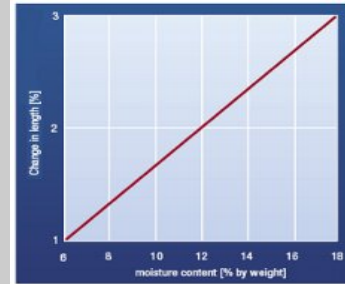
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Camtek acoustic foam

Basotect Melatech melamine based acoustic foam is a unique, flexible, open cell foam, possessing a combination of low weight, a Class 0 fire specification and good sound absorption properties.

MELAMINE

Produced from melamine resins, Melamine foam exhibits superior fire, temperature and chemical resistance. Furthermore being halide free, Melamine foam when exposed to either naked flame or extreme heat does not emit any of the toxic bi-products associated with conventional polyurethane based acoustic foams.

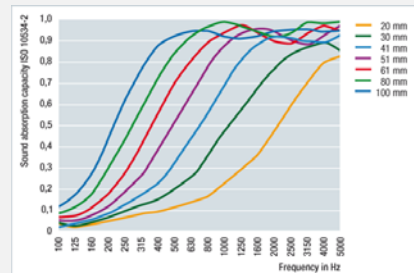


FLEXIBILITY

Melamines low density and flexibility provide a practical material, convenient to handle, easy to cut and install, either to original equipment or on-site projects. This outstanding versatility, coupled with choice of complimentary acoustic materials, e.g. damping sheets, barriers and facings, allows Melatech foam to be used in a wide range of industrial and commercial applications where superior reverberation control is required.

Please Note: Although a superb acoustic foam this material does tend to expand and contract due to temperature and humidity so allowances should be made if fitting to an exact space.

Due to the absorption behaviour of melamine resins and the open cell structure of the foam, the moisture content of the material changes as a function of ambient conditions. This is associated with changes in the dimensions that occur similarly in the case of wood, concrete or tiles. This behaviour must be taken into consideration during application specification. The foam should be stored for at least 3 days prior to use under the atmospheric conditions corresponding to its later use.



SPECIFICATIONS

Colour	Light Grey
Size	2.5m x 1.25m standard
Thickness	12mm, 25mm, 50mm, 75m standard (We can cut other request).
Density	11Kg/m ³
Tensile Strength	120kPa
Hardness	40% deformation : 7-20kPa
Compression Set	50% at 70°C for 22 hours :
Cell Count	130-200 ppi approx
Thermal Conductivity	0.035W/mK @ 10°C
Continuous Service Temperature	150°C
Toxicity	DIN 4102 Class A2
Chemical Resistance	Resistant to hydrolysis, alcohols, most organic solvents and
Fire Characteristics	
DIN 4102	B1
UL 94	V-O, HF-1
BS 476, part 6/7	class O
FMVSS 302	fulfilled

Fire behaviour		
Germany	DIN 4102-1 EN 13501-1 DIN 5510-2	B1 upon request S4, ST2, SR2
France	NF P 92-507	M1
USA	FMVSS 302 UL 94 ASTM E 662 ASTM E 162 ASTM E 84 ASTM D 2863 (ISO 4589-2)	compliant (0 mm/min) V-0 HF1 upon request upon request upon request upon request
Italy	UNI 9177 Parete + Soffitto	Class 1
Great Britain	BS 476 part 7 part 6 BS 6853 Annex D.8.4 BS 6853 Annex B2	Class 1 l = 7,2 upon request upon request
Airbus	ABD 0031	upon request
Bombardier	SMP 800-C	upon request
International	JAR/FAR Part 25 § 25.853 (a)	upon request