

Melamine Foam

Melamine Foam is produced using melamine resin, this confers on the material the acoustic and thermal insulation properties of open cell foam combined with the advantageous properties of melamine resin, which include durability, fire temperature and chemical resistance. Melamine Foam is halide free, this means that when exposed to extreme heat, or naked flames they do not emit toxic by-products associated with conventional polyurethane based acoustic foams.

Applications

Melamine Foam is used in a range of applications including marine and offshore applications, onshore building, heating, ventilation acoustic attenuation and thermal insulation. Melamine Foam forms part of Quitewall Panels which are used as sound absorbent linings on marine craft, generators and compressors rooms.

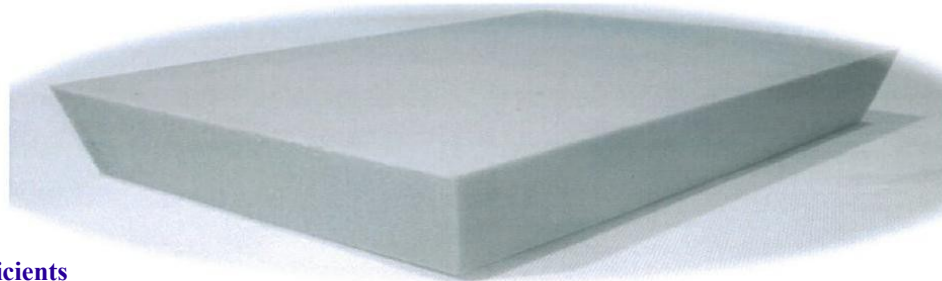
Colour: Light Grey
Density: 11kg/m³
Sheet size (mm): 2500 x 1250

Thermal Conductivity: 0.035 W/mK @ 10°C

Maximum application Temperature (Defined by EN ISO 2578)

1000hrs : 220°C
 5000Hrs : 200°C
 20,000hrs : 180°C

Fire: BS 476 Part 6
 BS 476 Part 7 Class1
 Defined as Class O by UK Building Regulations



Sound Absorption Coefficients

Thickness (mm)	Frequency (Hz)					
	100	250	500	1000	2000	4000
12	0.05	0.10	0.25	0.50	0.65	0.75
25	0.10	0.20	0.50	0.80	1.05	0.95
50	0.15	0.50	0.90	1.05	1.10	1.05

Note: The information and instructions provided in relation to our products are based on experimental and practical experience and are general recommendations. Local conditions can affect the results and as the qualification and experience of the personnel used in the installation is beyond the control of Cammach Group Ltd we do not take responsibility for the results obtained when using our products.

