

SoundFoam S

SoundFoam S is a self-extinguishing, industrial and automotive grade open cell acoustic foam offering excellent sound absorption over a wide range of frequencies. It is available plain or self-adhesive backed.

It is easy to handle cut and install. It is supplied in sheet form ranging from 6mm to 50mm thick, or it can also be supplied die-cut or slit to size and shape. The product is available with a wide range of functional or decorative facings and fabrics.

SoundFoam S can be supplied as part of an acoustic composite product with mass loaded barriers or vibration damping sheets.

Specifications

COLOUR Grey	NOMINAL TENSILE STRENGTH Not less than 100 Kpa
NOMINAL HARDNESS RANGE 115 – 150 Newtons	OPERATING TEMPERATURE -40°C to +80°C
FIRE PERFORMANCE FMVSS 302 Self Extinguishing	
ELONGATION AT BREAK Not less than 200%	
NOMINAL DENSITY 28-32kg/m ³	

Acoustic Performance

Thickness	Sound Absorption Coefficient					
	125Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
25mm	0.10	0.19	0.49	0.66	0.67	0.84
50mm	0.15	0.33	0.76	0.85	0.81	1.02

Applications

SoundFoam S is used extensively within the automotive and agricultural industry for vehicle and cab interiors, it is also used in the following applications:

- Compressors and generators
- Enclosures
- Automotive and marine applications
- Cab interiors

