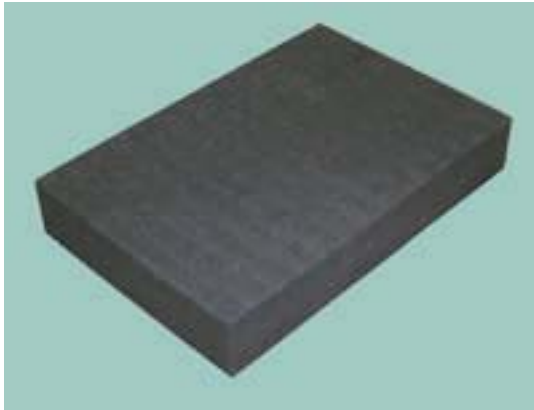


# Sound Foam 0



## Description



Sound Foam 0, is a flexible open cell polyurethane foam, offering excellent sound absorbing qualities over a wide range of frequencies, and is available plain or self-adhesive backed.

It is easy to handle cut and install. It can be supplied in sheet form from 6mm to 50mm thick, or it can also be supplied die-cut to size and shape. The product is available with a wide range of functional or decorative facings and fabrics. The foam can also be supplied as part of an acoustic composite product, with lead, polymeric barriers or damping sheets.

## Applications

Sound Foam 0 is a black non-flammable acoustic foam. It is impregnated with fire retardant chemicals that enable the material to achieve Class 0 fire rating as defined by the building regulations. It is used extensively in air conditioning and air handling systems, ducting, and also compressors, generators, enclosures, and other applications.

## Specification

COLOUR	BLACK
NOMINAL DENSITY RANGE	75 - 100Kg/m <sup>3</sup>
NOMINAL HARDNESS RANGE	120 - 180 NEWTONS
ELONGATION AT BREAK	NOT LESS THAN 90%
NOMINAL TENSILE STRENGTH	NOT LESS THAN 70kPa
FIRE PERFORMANCE	CLASS 0 WHEN TESTED TO BS476 PARTS 6 & 7 OF THE BUILDING REGULATIONS
OPERATING TEMPERATURE	-40°C - 110°C

## Acoustic Performance

THICKNESS (mm)	SOUND ABSORPTION COEFFICIENT					
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
25	0.09	0.22	0.38	0.52	0.63	0.73
50	0.24	0.47	0.75	0.84	0.87	1.02