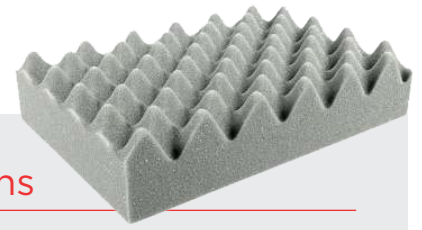


## SoundFoam 0 Eggbox

SoundFoam 0 Eggbox is a fire resistant, flexible, open cell polyurethane acoustic foam, with an eggbox pattern profiled facing. It offers excellent sound absorbing qualities over a wide range of frequencies.

It is easy to handle, cut and install. It is supplied in sheet form from 37 mm to 50 mm thick, or it can also be supplied die-cut or slit to size and shape. The product is also available with a PVC moisture resistant facing in black or white & a self-adhesive backing.

The foam can also be supplied as part of an acoustic composite product, with lead, polymeric barriers or damping sheets. It is impregnated with fire resistant chemicals that enable the material to achieve Class 0 fire rating as defined by the building regulations.



### Specifications

**COLOUR**  
Black

**NOMINAL DENSITY**  
90kg/m<sup>3</sup>

**NOMINAL HARDNESS RANGE**  
120 - 180 Newtons

**NOMINAL TENSILE STRENGTH**  
Not less than 70 Kpa

**FIRE PERFORMANCE**  
Class 0 when tested to BS476 Parts 6 & 7 of the building regulations  
ASTM E84 - Class A

**OPERATING TEMPERATURE**  
-40 °C to +110 °C

**ELONGATION AT BREAK**  
Not less than 90%

**THERMAL CONDUCTIVITY**  
0.052 W/mK

### Acoustic Performance

Thickness	Sound Absorption Coefficient					
	125Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
37mm	0.09	0.22	0.38	0.52	0.63	0.73
50mm	0.24	0.47	0.75	0.84	0.87	1.02

### Applications

SoundFoam 0 Eggbox can be used as an acoustic absorber for studio or architectural applications. It is also used extensively in the following applications:

- Air conditioning and air duct systems
- Compressors and generators
- Enclosures
- Automotive and marine applications

