

category **soundproofing**description **foam barrier composite**part codes **F100 & F102**

**F100 AND F102 FOAM BARRIER COMPOSITE SOUNDPROOFING MATS** are comprised of absorbent Class 0 fireproof acoustic foam laminates applied to both sides of a heavy layer sound barrier membrane.

Combining a high surface mass with flexible physical characteristics, the product offers optimum acoustic performance.

F100 is robust, clean and simple to use and can be readily cut to size with a sharp knife or scissors.

F102 is exactly the same as F100 except that it has an additional foil facing.

The Class 0 fire rating means that this product is ideal for demanding applications in the marine and automotive industries.

## Applications

The product has various applications and can be used in many industries including construction, marine, automotive and manufacturing.

It is designed to reduce noise breakout in acoustic enclosures, engine bays, machine rooms and ducting.

## Installation

The thicker layer of foam should be applied facing the noise source.

In general, it is preferred that the product is fixed with both adhesive and nails or screws. In vertical applications, if the nail/screw fixing represents the sole means of permanent support for the material, load spreading washers or straps should be added.

## Bespoke

Although we generally supply the material in standard sheet sizes, we can manufacture to other custom sizes subject to minimum order levels.

Product F102 has a foil facing. However, we can also apply a range of aluminium foils and PVC facings to the mat, subject to minimum order levels.

Please contact us for more information.

## Technical Specification

Product	F100 & F102 (foil faced) Foam Barrier Composite
Colour	Black
Nominal sheet size	600mm x 1000mm
R <sub>w</sub>	28dB
Weight	Approx. 6.5kg/m <sup>2</sup>
Nominal thickness	34mm
Flammability	Class 0

## Acoustic Performance

