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## **Genesis 100D Acoustic Insulation**

### **Spec Sheet**

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A proven, highly efficient, sound absorbing product, due to its density & structure. The panels are semi-rigid & can be used for acoustic & thermal insulation. It is chemically neutral & will not cause or promote corrosion. It is biologically inert, is unaffected by vermin & does not encourage the growth of fungi, moulds or bacteria.

- Non-flammable
- Maximum service temperature 550 °C
- Density: 100kg/m<sup>3</sup>
- Panel size: 1200 x 600mm
- Thickness: 100mm
- Faced with black glass cloth on the front side and a foil backing for ease of handling and to minimise loose fibres.
- Can easily be cut with a sharp blade

#### **Applications:**

- Ideal as soundproofing for generator rooms
- Low frequencies are the cause of most noise complaints because of the amplitude of the sound wave and the distance that it travels, Genesis 100D acoustic insulation has excellent sound absorption (80% - 100%) in the low frequency range thus this product provides optimum acoustic performance.

<b>Sound Absorption Coefficient at 100mm Thick, NRC 1.05</b>				
125hz	250hz	500hz	1000hz	2000hz
0.80	1.07	1.07	1.01	1.00

- We deliver nationally, price is determined by quantity & destination. Please request a quote.
- Lead Time: Product is made to order. Normally about 7 working days for manufacture and 2 – 3 days for delivery.