A.G.S Acoustic Materials Ltd

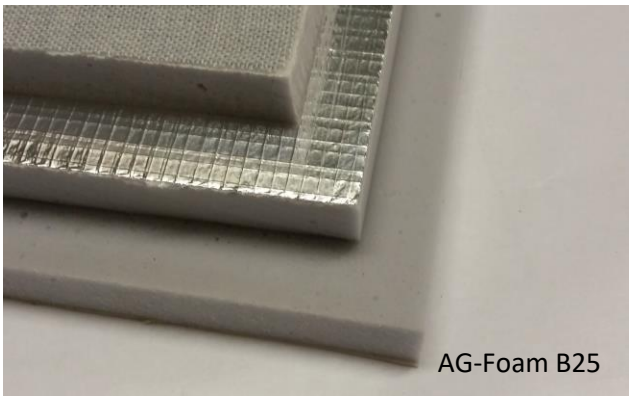
*Suppliers of Noise Control Materials*

# AG-Foam B Data Sheet

| 1. Product | |
|---|---|
| **Product Name:** | AG-Foam B |
| **Description:** | Grey Melamine Foam |

| 2. Product Coding | |
|---|---|
| **AG-Foam B10:** | 10mm thick |
| **Through** | Through to |
| **AG-Foam B250:** | 250mm thick |

| 3. Sheet Size | |
|---|---|
| **Standard Untrimmed:** | 2500 x 1250mm |



AG-Foam B25

| 4. Fire Rating | |
|---|---|
| **Regulations:** | BS476 part 7 Class 1<br>BS476 Part 6 Upon request<br>BS6853 Annex D.8.4<br>Upon request<br>BS6853 Annex B2<br>Upon request |

## 5. Applications

AG-Foam B is extensively used in building acoustic applications where light weight and good acoustic absorption is required. For example, enclosure linings, suspended absorbers, anechoic wedges, wall linings in areas such as auditoriums, recording studio's cinema's and theatre's etc.

| 6. Full Description | |
|---|---|
| **Description:** | Light weight open cell melamine foam with excellent thermal insulation and acoustic absorption properties. AG-Foam B can be faced with various protective and decorative surfaces as required. |
| **Density:** | 11Kg/$m^3$ |
| **Working Temp. Range:** | -25°C to 150°C (Short term up to 240°C) |
| **Thermal Conductivity:** | Lambda Value = 0.035 W/mk |

| 7. Storage and Handling | |
|---|---|
| **Storage:** | No special precautions are required. |
| **Handling:** | No special precautions are required. Dust masks and goggles may be advisable, if dust is being emitted as a by-product. |

| 8. Installation | |
|---|---|
| **Notes:** | Can be supplied cut to size, self adhesive (to be used as a fixing aid, not intended as a fixing method) or fabric faced if required. |

## 9. Acoustic Performance

**Sound absorption capacity ISO 10534-2**

| Thickness | Frequency Hz | | | | | |
|---|---|---|---|---|---|---|
| | **125** | **250** | **500** | **1000** | **2000** | **4000** |
| **20** | 0.01 | 0.06 | 0.11 | 0.23 | 0.48 | 0.80 |
| **51** | 0.05 | 0.20 | 0.52 | 0.88 | 0.94 | 0.92 |
| **100** | 0.17 | 0.63 | 0.92 | 0.92 | 0.94 | 0.94 |

FOR FURTHER DETAILS PLEASE
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