

## Specification Sheet / 01 Basotect Melamine Foam



ISO9001, ISO14001, ISO45001  
Certificate Ref: 11738

### Description

A White acoustic, light weight and flexible melamine foam with a fine open cell structure offering excellent sound absorption. Additional benefits offered include: Fire resistant (Class O to Building regulations), Excellent thermal insulation properties, elevated operating temperatures and is Halogen free.

### Typical physical properties

|   |  |
|---|--|
| Density   | 8-11 kg/m <sup>3</sup>   |
| Fire Performance                                    | BS476 part 7 class 1<br>Bs476 part 6 ; I<12, I(1),6<br>(Class O to Building regulations) |
| Thermal Conductivity                                | 0.0035 W/m.k   |
| Max Application Temperature (defined in ISO 3386-1) | 1000h :220c<br>5000h :200c<br>20000h :180c   |

| Sound Absorption Coefficient | 100hz | 250hz | 500hz | 1khz | 2khz | 4khz |
|------------------------------|-------|-------|-------|------|------|------|
| 10mm                         | 0.05  | 0.1   | 0.25  | 0.5  | 0.65 | 0.75 |
| 25mm                         | 0.1   | 0.2   | 0.5   | 0.8  | 0.85 | 0.95 |
| 50mm                         | 0.15  | 0.5   | 0.9   | 1.05 | 1.1  | 1.05 |

| Change Control Date | Change  |
|---------------------|---------|
| 06/02/2014          | Created |



The above figures are average values.  
We recommend that you examine any material you select to ensure its suitability for your application.  
Tolerance(s) applied in accordance with ASG specification No W1007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.  
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

