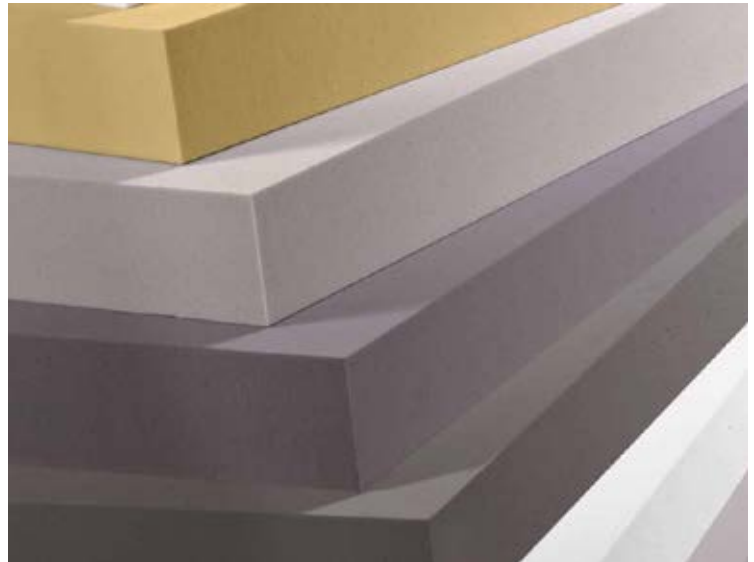


# MTECH

**Mtech melamine foam**  
"Basotect" is a perfect acoustic solution for the architectural acoustics industry due to its high sound absorption, fire resistance and thermal properties.

Mtech is an open-pore melamine foam that helps to ensure pleasant room acoustics, even when retrofitted. Mtech can be used in its 'raw' state (grey / white) or covered using a variety of facings, it can even be directly printed onto or painted. These lightweight absorbers allow large-scale, free-floating elements to be implemented into your projects, offering an attractive room design.



## TECH SPECS

### STANDARD SIZE

1200mm x 1200mm x 50mm  
1200mm x 2000mm x 50mm  
MAX: 1250mm x 2000mm x 500mm

### FEATURES AND BENEFITS

- Class A acoustic performance
- Flame retardant
- Light Weight
- No toxic fibres
- Resistant to static charge
- Easy to work with
- High colour stability

### FIRE SPECIFICATION

DIN EN 13501-1:2010: C - s2, d0  
BS 476 PART 6/7 CLASS 0 @ 25mm

**ACOUSTIC RATING** CLASS D/A

**COMPOSITION** BASOTECT G+ FOAM

**CUTTING TOLERANCE** +/- 5mm

**DENSITY** 9KG M3

**TENSILE STRENGTH** EN ISO 1798 kPa > 130

**HARDNESS** 40% DEFORMATION: 7 - 20kpa

**THERMAL CONDUCTIVITY** 0.035W/mK@10c

**COMPRESSION SET** 50% at 70c for 22 hours

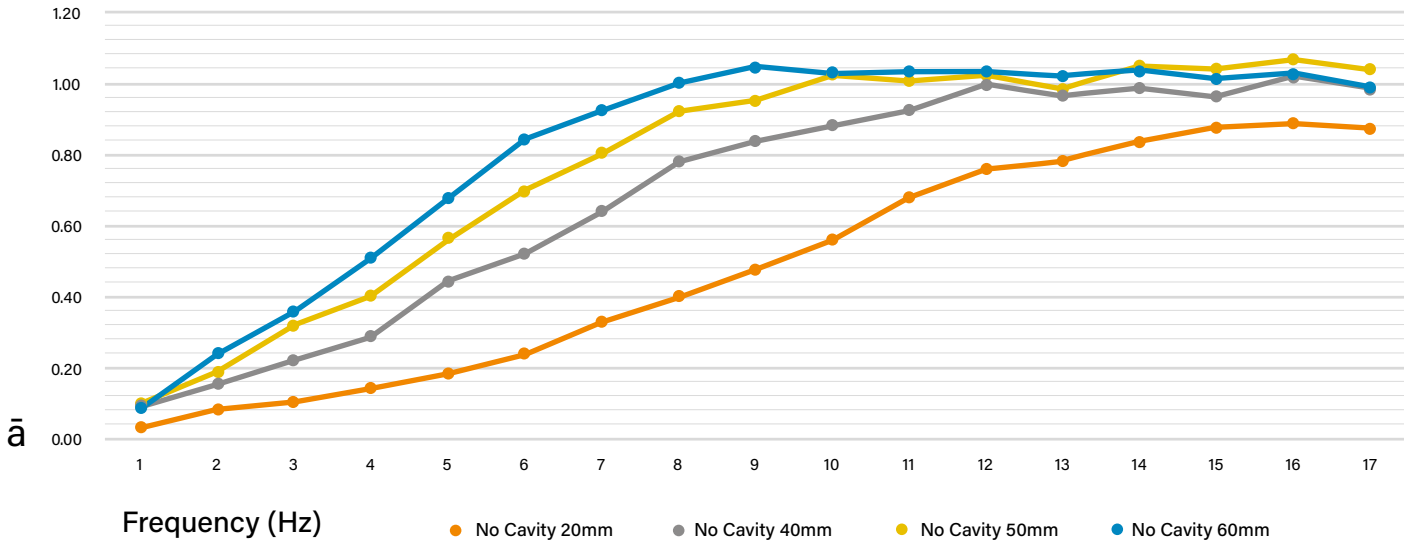
**TOXICITY** DIN 4102 CLASS A"

### CHEMICAL RESISTANCE

Resistant to hydrolysis, alcohols, hydrocarbons, moisture, organic solvents and dilute acids.

# MTECH ACOUSTIC DATA

## Acoustic Test Report MTECH



MTECH ACOUSTIC DATA																	
Frequency	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1000Hz	1250Hz	1600Hz	2000Hz	2500Hz	3150Hz	4000Hz
No Cavity / 20mm	0.03	0.08	0.1	0.14	0.18	0.24	0.32	0.41	0.48	0.57	0.69	0.75	0.78	0.84	0.87	0.88	0.87
No Cavity / 40mm	0.1	0.15	0.22	0.29	0.43	0.53	0.65	0.78	0.83	0.87	0.93	0.99	0.98	1	0.99	1.02	0.99
No Cavity / 50mm	0.11	0.19	0.32	0.41	0.56	0.7	0.8	0.91	0.95	1.02	1.01	1.02	0.99	1.03	1.04	1.06	1.03
No Cavity / 60mm	0.09	0.23	0.37	0.50	0.67	0.83	0.93	0.99	1.03	1.02	1.03	1.02	1.01	1.02	1.02	1.03	0.99