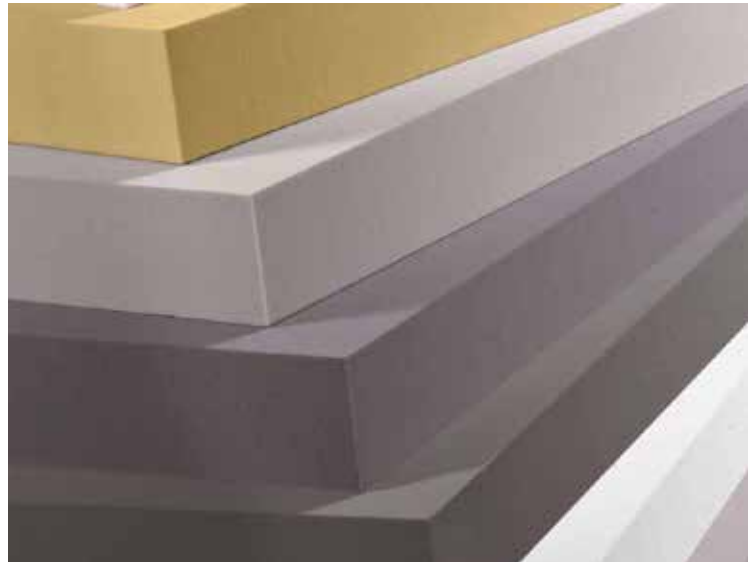


MTECH

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

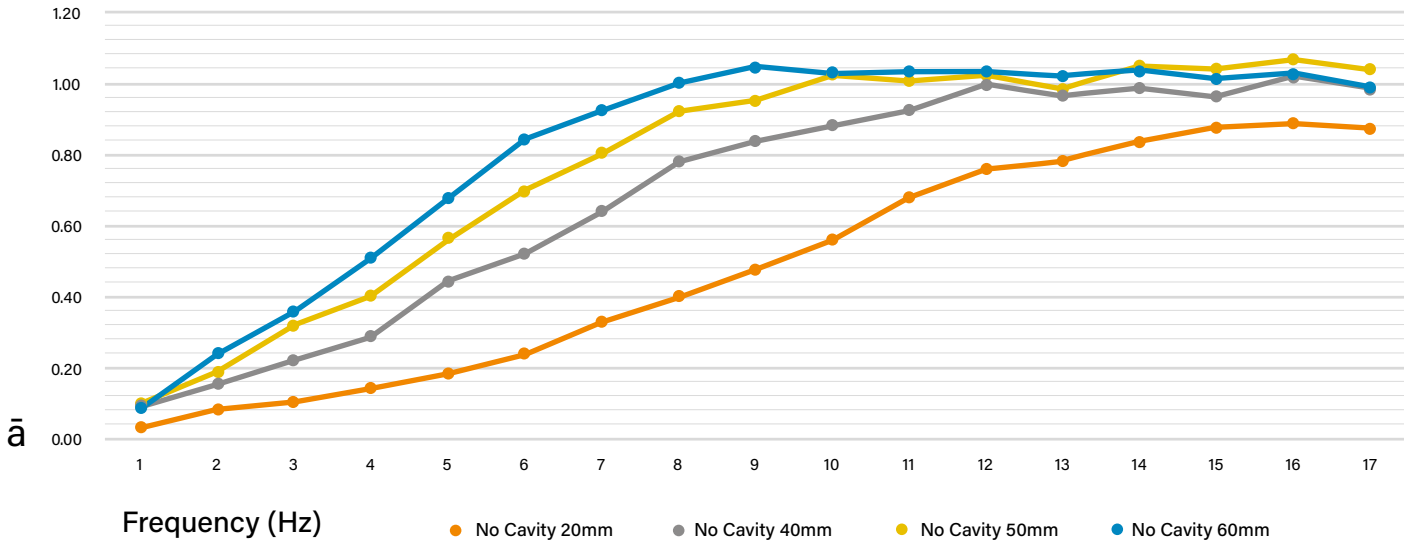
TOXICITY DIN 4102 CLASS A"

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