

ECHO

05 | ECHO

STANDARD SIZE

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

TECHNICAL DATA

DIN EN 13501-1:2010: C - s2, d0
COMPOSITION: BASOTECT G+ FOAM
CUTTING TOLERANCES: +/- 5mm
DENSITY: 9KG M3
TENSILE STRENGTH: EN ISO 1798 kPa > 130
HARDNESS: 40% DEFORMATION: 7 - 20kpa
COMPRESSION SET: 50% at 70c for 22 hours
THERMAL CONDUCTIVITY: 0.035W/mK@10c
TOXICITY: DIN 4102 CLASS A"
ACOUSTIC PERFORMANCE: CLASS D/A

The Echo range consists of high-quality fabric wrapped melamine foam acoustic absorbers used to reduce reverberation and echo. Echo products are manufactured with a Mtech melamine foam core fabric wrapped in industry-leading Camira fabrics. Echo is a highly functional acoustic product range recommended where space is a premium and absorption is critical. By using an open-cell melamine polymer we can manufacture a lightweight fibreglass free product perfect for fabric wrapping in over 100 fabrics.

FEATURES & BENEFITS

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



"We exist to design, manufacture and supply the future of interior acoustic products."



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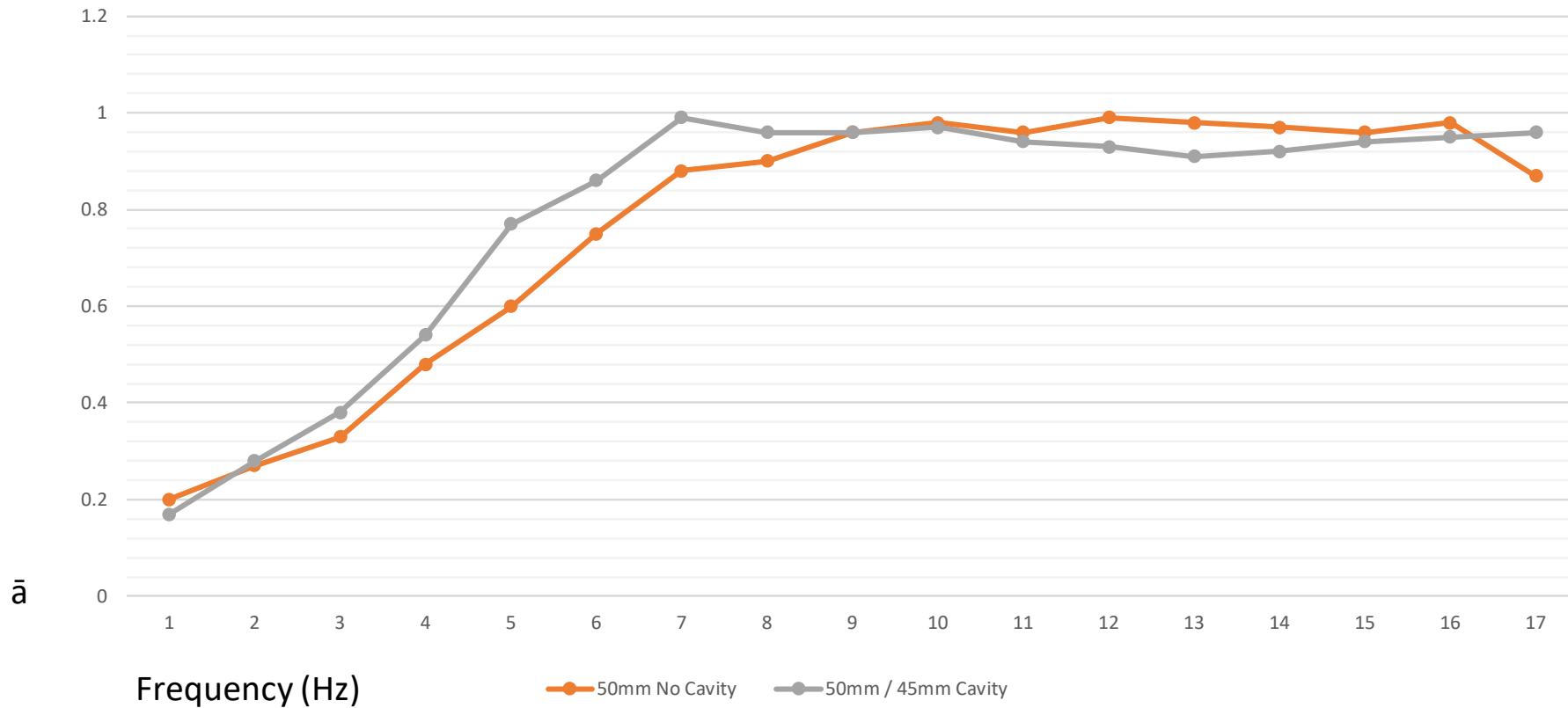
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Telford, Shropshire, TF7 4QP

5.1 | ECHO ACOUSTIC DATA

Acoustic Test Report ECHO



ECHO ACOUSTIC DATA																	
Frequency	100Hz	125Hz	160Hz	200Hz	250Hz	315Hz	400Hz	500Hz	630Hz	800Hz	1000Hz	1250Hz	1600Hz	2000Hz	2500Hz	3150Hz	4000Hz
50mm No Cavity	0.2	0.27	0.33	0.48	0.6	0.75	0.88	0.9	0.96	0.98	0.96	0.99	0.98	0.97	0.96	0.98	0.87
50mm / 45mm Cavity	0.17	0.28	0.38	0.54	0.77	0.86	0.99	0.96	0.96	0.97	0.94	0.93	0.91	0.92	0.94	0.95	0.96



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