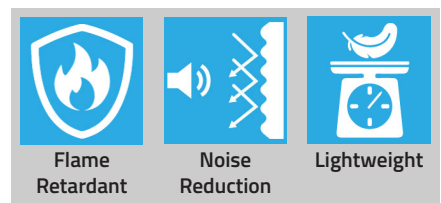
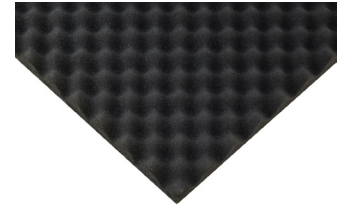


Egg Box FR / Acoustic Foam

Product Code: RC02136-2X1X26

Key Features

- High-density acoustic and flame retardant material
- Flame-retardant to UL94 HF1 and BS 476 P6 & P7 Class 0
- Fire-resistant to BS EN ISO 4589-3
- Sound absorption tested to BS EN 20354
- Non-toxic



Technical Data

Property	Test Method	Value
Compound	-	Impregnated polyurethane foam
Colour	-	Black
Density	-	75 - 100 kg/m ³
Hardness	-	120 - 180 N
Tensile Strength	-	>70 kPa
Elongation at Break	-	>90 %
Thermal Conductivity	-	0.048 - 0.051 W/mK
Erosion Resistance	-	6000 ft/min
Working Temperature	-	-40 to +110° C
CFC Free	-	Yes
Flammability Properties		
Ignitability	BS 476 Part 5	Non-ignition
Fire Propagation	BS 476 Part 6	$I \leq 12, I_1 \leq 6$
Surface Spread of Flame	BS 476 Part 7	Class 1
Building Regulations	BS 476 Part 6 and Part 7	Class 0
Burning Behaviour by Oxygen Index	BS EN ISO 4589-3	No ignition
Combustion Tests for Plastics	UL 94	V-0, 94-5V
Fire Safety (Passenger Trains)	BS 6853:1987 App. B.5.3	$A_{0(max)} < 5$
Toxicity	NES 713	<3.0

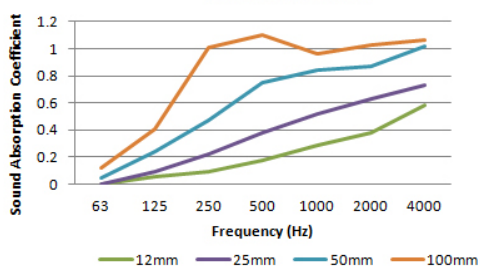
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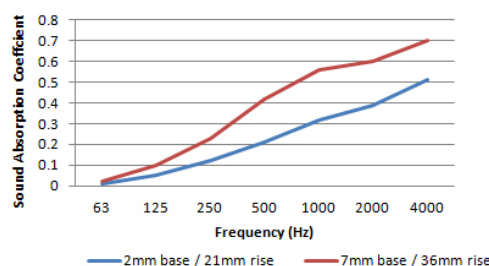
Acoustic Performance

The tables below show the sound absorption coefficients for RubbaSorb foam. This material has been measured to ASTM and BS EN 20354 (previously BS 3638:1963) as these are the most common testing standards. Both of these methods of testing can be used to give an indication of the potential performance of RubbaSorb. It is worth noting, however, that performance can vary depending on a number of factors. Neither test can predict the overall performance of the material in a real application.

Flat Absorption Coefficients: BS EN 20354
(Reverberation Room)



Profiled Absorption Coefficients: BS EN 20354
(Reverberation Room)



Approvals



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E info@rubbersmart.co.uk

W www.rubbersmart.co.uk

T +44 (0) 1794 328 412

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Company Number - 08350831 | VAT Number - GB 156 8355 80

