

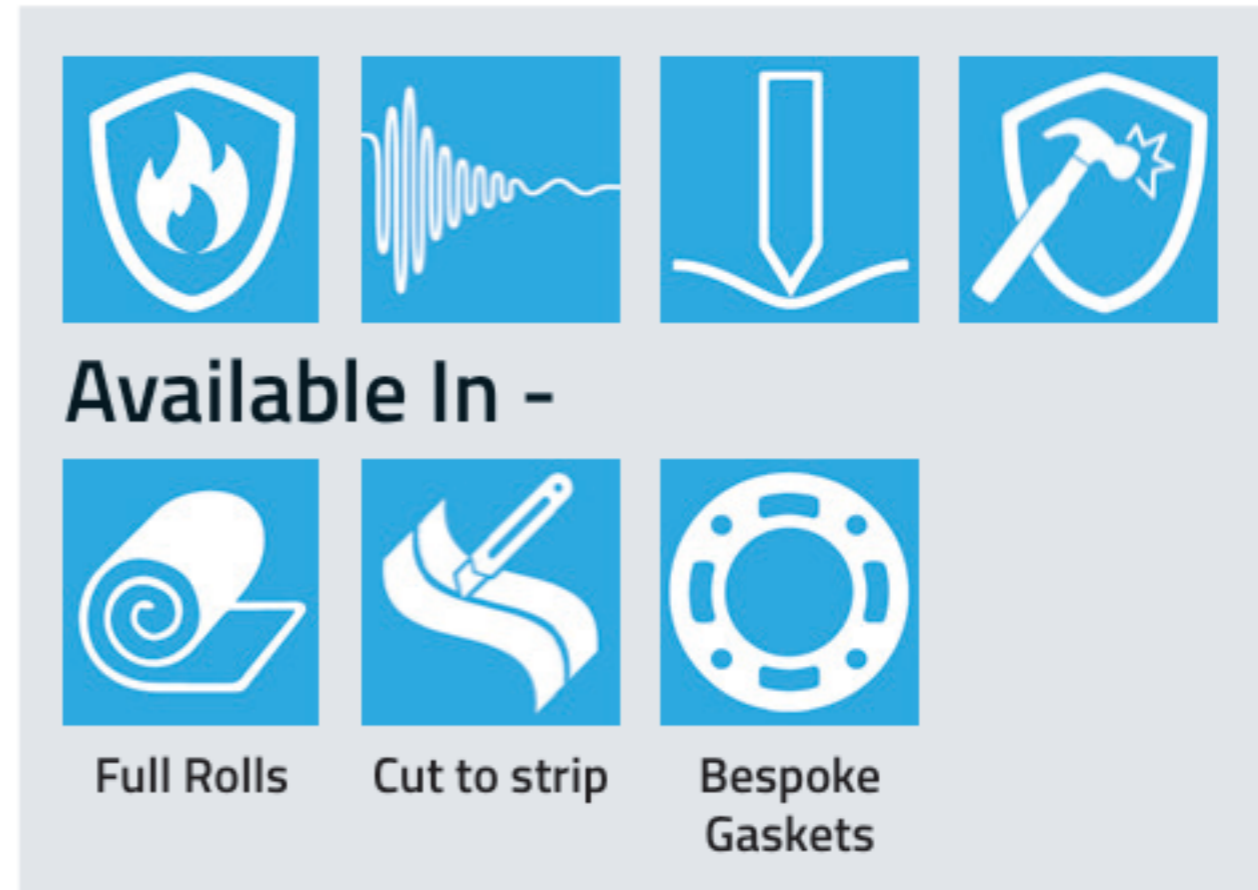
RubbaSorb-S Fire Resistant Polyurethane Foam

Product Code: RUBBASORB-S

Product Description

This is a flexible polyurethane foam with fantastic sound absorption properties combined with exceptional fire-retardant properties. It has a Class 0 rating to the Building Regulations Document B Appendix A Paragraph 12b, therefore used widely for applications where high fire performance is essential, such as: building, marine, heating & ventilation.

Physical Properties



Properties	Values
Compound	Open cell Polyurethane
Hardness	120 - 180N
Density	75 - 100 kg/m ³
Tensile Strength	> 70 Kpa
Elongation at Break	90%
Thermal Conductivity	0.048 – 0.051 W/mK
Compression Set (22h, 100°C)	20%
Erosion Resistance	6000 ft/min
Working Temperature Range	-40°C to +110°C
Environmental Protection	CFC free



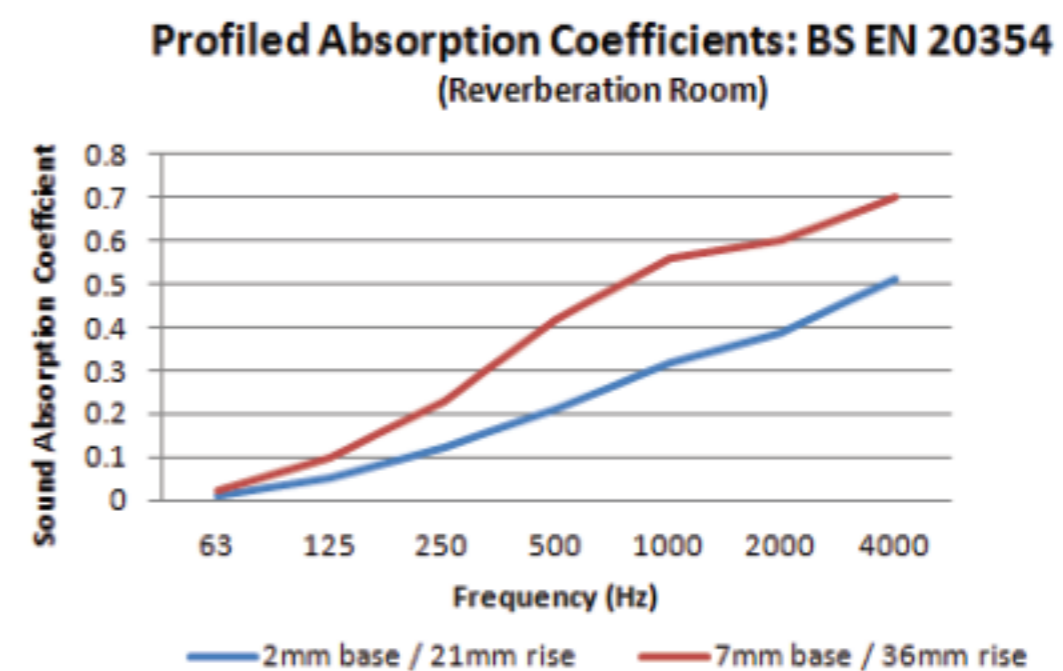
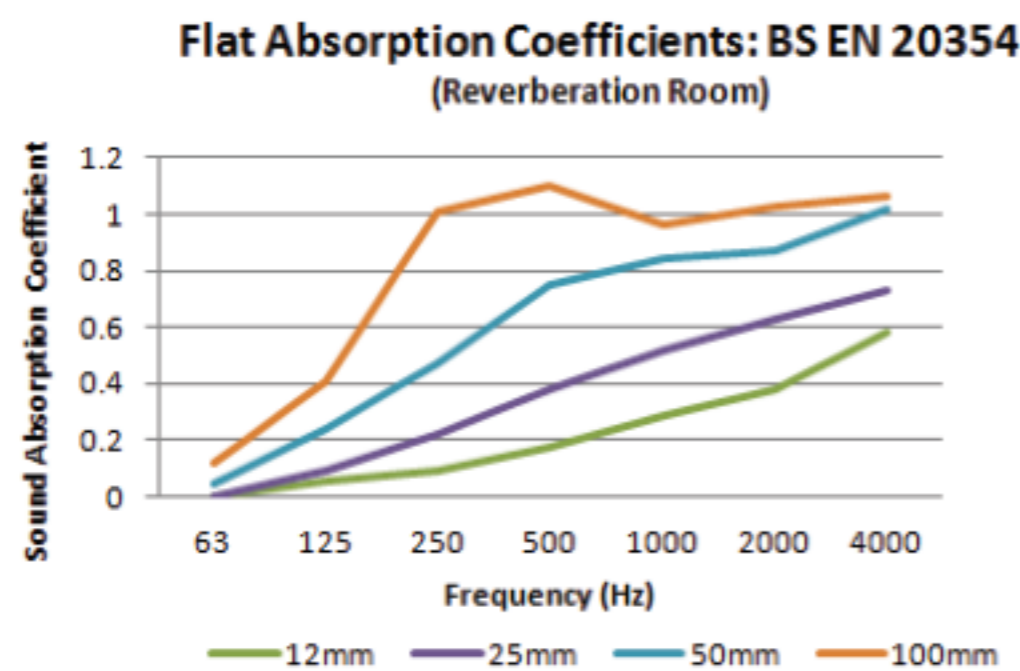
The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.

Flammability Properties

Test Method	Result
BS 476 Part 5	Non-Ignition
BS 476 Part 6	$I \leq 12, I_1 \leq 6$
BS 476 Part 7	Class "1"
BS 476 P6 & P7 Building Regulations	Class "0"
BS EN ISO 4589-3	No ignition, tested at 240°C, 300°C, 360°C and 380°C
UL94	V-0, 94-5V
BS6853:1987 App. B.5.3	$A_{0(max)} < 5$
NES 713	<3.0

Acoustic Performance Of RubbaSorb-S

The tables below show the sound absorption coefficients for our RubbaSorb foam. This material has been measured to ASTM and BS EN 20354 (previously BS3638: 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.



Available Coatings & Range

- RubbaSorb-S-AD3 (self adhesive backed)
- RubbaSorb-S-V1 (faced with polymeric coating)
- RubbaSorb-S-PU2 (faced with a black flexible polyester polyurethane film)
- RubbaSorb-S-RA1 (reinforced Class 0 aluminium foil)
- RubbaSorb-S-GC (glass cloth facing for abrasion resistance)
- RubbaSorb-S-VG (PVC coated polyester facing for hygiene and durability)
- RubbaSorb-S-L (lead lined composite)
- RubbaSorb-S-DS (heavy layer rubber damping sheet lined composite)
- RubbaSorb-S (profiled/egg box)

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