

**PRODUCT DESCRIPTION**

Soundfoam SB40 is a specially formulated polyurethane foam designed to meet the flammability requirements of FAR 25.853. Its compression resistance gives a very good comfort feeling to the touch and under foot and its tear resistance helps to keep the carpet in good shape without wrinkles due to passenger motion.

Soundfoam SB40 has excellent wear resistance in high traffic areas or areas prone to vacuum cleaning, while also bringing additional sound absorption into the cabin.

MARKETS**TYPICAL APPLICATIONS**

- Launch vehicles, satellites, engine power systems, planes, and helicopters

PHYSICAL PROPERTIES

Material Type	Polyurethane foam
Color	Blue
Density	38-42 kg/m3 (2.37-2.62 lb/ft3)
Tensile Strength	Tensile 70 kPa (10.15 psi) Minimum
Elongation	100%
Compression Set (75%)	8% Max
Flammability	FAR 25.853 - Pass

PRODUCT CONFIGURATIONS

- Plain
- Available in rolls
- Can be configured with pressure-sensitive adhesive and made into custom cut parts.
- Can be combined with barrier and/or damping materials to form multi-functional composites.

THE SOUNDCOAT PROMISE

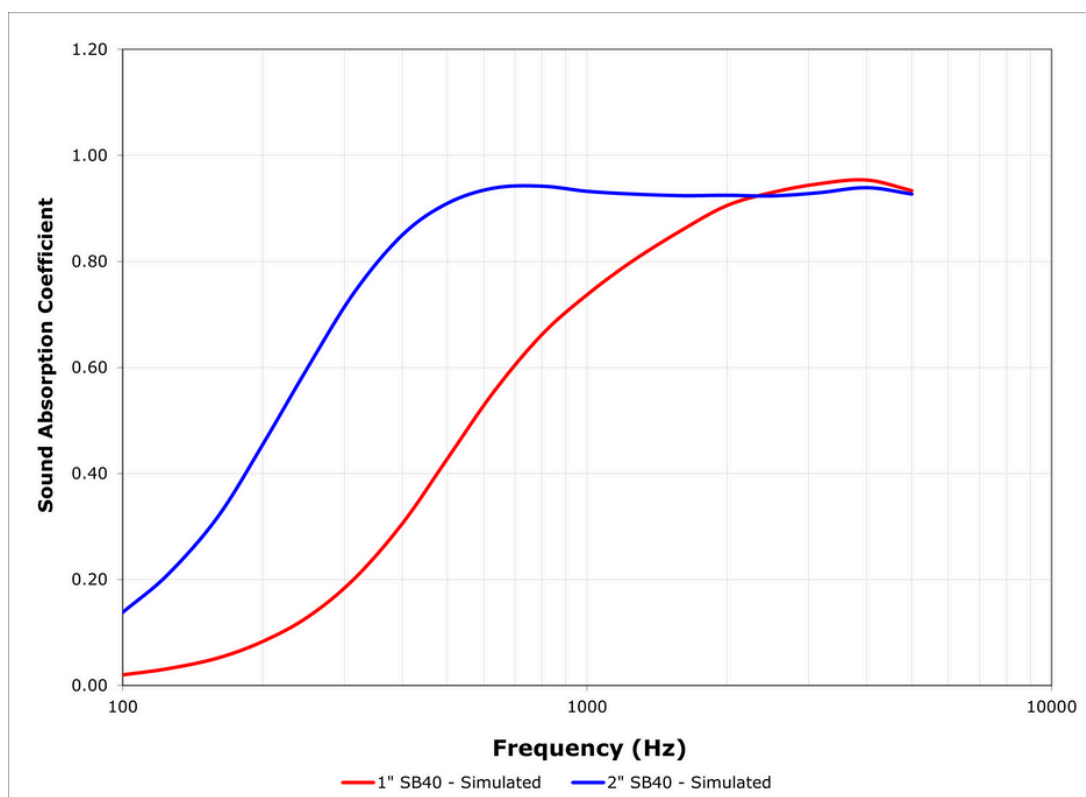
We have one goal: to enhance the customer experience by providing world-class products manufactured under ISO 9001:2015 and AS9100:2016 standards in one of our modern manufacturing facilities strategically located on each coast.

All materials are tested and qualified in our acoustics and materials testing laboratory to ensure consistent quality and performance.

Soundcoat products are supplied, tested, and produced to your specifications.



PERFORMANCE



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Visit [soundcoat.com](https://www.soundcoat.com) to see our complete line of absorption, barrier, damping, sealing, and thermal materials.

For further information on meeting specific requirements and for optimum product configuration, contact our Technical Support Department at 1-800-394-8913.

The information contained herein is based on laboratory test data developed by or for Soundcoat and is believed to be reliable, but its accuracy or completeness is not guaranteed. The buyer must test this product to determine its suitability for his/her specific application before use. Only use a Soundcoat product after thoroughly consulting instructions on the data sheet for the specific product. SOUNDCOAT DISCLAIMS ANY RESPONSIBILITY FOR 1) WARRANTIES OF FITNESS AND PURPOSE, 2) VERBAL RECOMMENDATIONS, 3) CONSEQUENTIAL DAMAGES FROM USE, AND 4) VIOLATION OF ANY PATENTS OR TRADEMARKS HELD BY OTHERS.

Properties subject to change without notice. Check with Soundcoat for latest revisions. Flame, smoke, toxicity performance is not intended to reflect hazards presented by this material under actual fire conditions. The Federal Trade Commission considers that there are no existing test methods or standards regarding flammability that are accurate indicators of the performance of cellular plastic materials under actual fire conditions. Any results of existing test methods are intended for measurements of the relative performance of such materials under specific controlled test conditions.

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