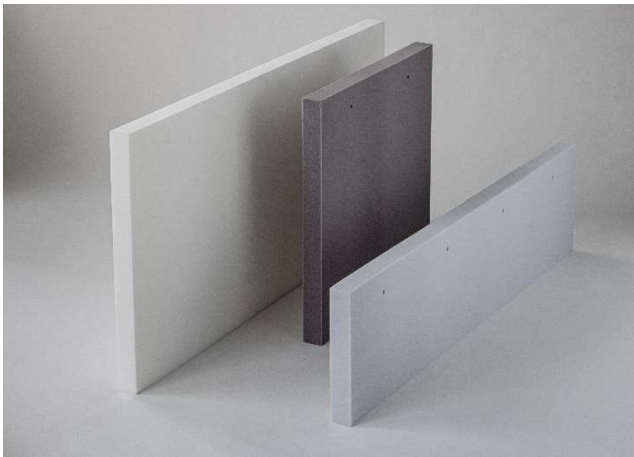


Product Description

The **HI-SABIN™ Baffle** by STC Sound Control is a sound-absorbing suspended baffle made of *open-cell melamine-based foam*, a Class A fire-rated material with very high sound absorption characteristics and low density. Clear plastic grommets are included on the baffle for simple installation. Low weight, only 6 oz. per 4 sf baffle, allows for suspension with fishing line and tiny screw eyes for a floating appearance that is inconspicuous. Noise Reduction Coefficient is **1.25** providing **5 sabins** per 1x4 or 2x2 baffle and **10 sabins** per 2x4 baffle.



Specifications

Sound-Absorbing Baffles: Open-cell melamine-based foam panels, 2" thick, Class A fire rating per ASTM E84, density 0.56 pcf per ASTM D3574, weight 6 oz. per 4 sf face area, NRC-1.25 per ASTM C423, with wire plastic grommets; "STC Hi-Sabin Baffle" by STC Sound Control.

Applications

Use the **STC Hi-Sabin™ Panel** wherever reverberant noise control is valued, in new construction as well as renovation. Spaces where exposed building structure forms the ceiling are common applications:

- Cafeteria
- Gymnasiums
- Exercise Rooms
- Music and Band Rooms
- Manufacturing areas
- Open office areas

Installation

Any number of installation methods are possible, utilizing the grommets.

- Mount to the bottom chord, top chord, or web members of bar joists with zip ties or fishing line;
- Suspend with fishing line through screw eyes adhered or fastened to ceiling or deck.

Availability

Natural Colors: **White, Light Gray, Medium Gray.**
Standard Configuration: Rectangular flat panels, thickness at 2" and face dimensions of 12" x 48", 24" x 24", and 24" x 48".

The **STC Hi-Sabin™ Baffle** is available directly from our website www.stcsoundcontrol.com or phone (716) 839-0900.

Performance & Typical Properties

Sound Absorption (ASTM C423): NRC-1.25.

Density (ASTM D3574): 0.56 pcf.

Weight: 6 oz. per 4 sf baffle

Surface Burning (ASTM E84): Class A; Flame Spread Index – 5; Smoke-Developed Index – 0.

Flammability of Plastic Material (UL 94): Class V-0; Low Density Foam HF-1.

Microbial Growth (UL 181): Passes, Section 11.

Maintenance

No maintenance is required.

Safe Handling Information

No special precautions required. Consult the Material Safety Data Sheet (MSDS) for complete information.

Limitations

STC Hi-Sabin™ Baffles are very soft and subject to abuse. Suspend from ceilings that are out of reach. Panels expand due to moisture in the air and may warp slightly when used in high-humidity environments such as interior pools.

Warranty

STC Sound Control warrants that the High-Sabin™ Baffle will be free from defects in material and manufacture. STC makes no other express or implied warranties.

Approval Stamp