

SonaGuard® (US Patent D865,224)

Perforated Fiberglass Sound-Absorptive Noise Barrier System Superior Acoustics — Wide Spans — High Strength



**Spans
Up to 14 Ft.**



**35 STC
1.05 NRC**

- ◆ **Exceptional Acoustical Performance: NRC 1.05 and STC 35**
- ◆ **Extreme Strength = Wider Spans = Fewer Foundations = Lower Turnkey Cost**
- ◆ **Lightweight: Less than 5 lbs per square foot**
- ◆ **Easy to Install and Easy Field Modification**
- ◆ **Aesthetic Shiplap Design Towards Receivers and Residents**
- ◆ **Non-Glare finish**
- ◆ **Non-Conductive**
- ◆ **Non-Corrosive**
- ◆ **Up to Class A Flame Rating**
- ◆ **DOT and FERC Approved**

The patented SonaGuard® Absorptive Noise Barrier is the highest quality reinforced fiberglass noise barrier on the market. Manufactured using the most advanced materials and processes, it has been designed with strength, noise reduction, and aesthetics in mind. SonaGuard® panels feature a tongue-and-groove design which provides superior deflection strength, and also eliminates any spaces or gaps that would allow unwanted noise to escape.



Sound Fighter® Systems L.L.C. and its Noise Barrier Systems are proudly 100% located, sourced and manufactured in the USA.



**Business
Of the
Year**



America's Oldest Manufacturer of High-Performance Outdoor Noise Barrier Systems

SonaGuard® Noise Barrier Features:

- Noise Reduction Coefficient (NRC) of **1.05**
- Sound Transmission Class (STC) of **35**
- Wide Spans = fewer foundations = easier install = less \$\$
- Can meet any current North American wind load
- Lightweight and Modular – means quick installation in confined areas without the use of heavy equipment, minimizing traffic control issues and damage to surrounding landscaping
- Available in many colors
- UV resistant, continuous glass reinforced composite material that is resistant to corrosion, chemical abrasion and weathering
- Will not corrode, rust or rot
- Graffiti, moisture and freeze/thaw resistant
- Up to Class A Flame Rating



Effective Noise Reduction for:

- > DOT and Highway
- > Oil & Gas
- > Recycling
- > Military
- > Water and Wastewater
- > Industrial and Manufacturing
- > Rail
- > Electrical Substations
- > Commercial HVAC
- > Bridges and Rooftops
- > Big Box Development
- > LNG



SonaGuard® Specifications

- Length:** up to 14 ft
- Width:** 2.75 inches
- Height:** 12 inches
- Weight:** 4.4 lb/sq ft
- Tensile strength:** 69,812 psi
- Tensile mod.:** 3,923,000 psi ASTM D-638
- Compressive strength:** 68,927 psi ASTM D-695
- Compressive mod.:** 3,960,000 psi ASTM D-695
- Flex strength:** 89,515 psi ASTM D-790
- Flex mod.:** 2,384,000 psi ASTM D-790
- Specific Gravity:** 1.88 ASTM D-792

For more information on Sound Fighter® Systems:

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