

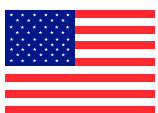
# SonaGuard (US Patent Pending)

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



- ◆ **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**
- ◆ **Non-Flammable**
- ◆ **DOT and FERC Approved**

The 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 – minimizing the number of structural columns and foundations required
- Meets or exceeds all AASHTO and DOT acoustic guidelines
- 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
- Class A Flame Rating (Phenolic option available)



### Effective Noise Reduction for:

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

### SonaGuard Specifications:

**Length:** up to 24 ft

**Width:** 2.75 inches

**Height:** 12 inches

**Weight:** 4.4 lb/sq ft

**Tensile strength:** 27,000 psi

**Tensile modulus:** 2,800,000 psi

**Flex strength:** 15,000 psi

**Flex modulus:** 800,000 psi

**NRC Rating:** 1.05

**STC rating:** 35



For more information on Sound Fighter® Systems:

Call: 1-866-348-0833

E-mail: [info@soundfighter.com](mailto:info@soundfighter.com)

Visit: [www.soundfighter.com](http://www.soundfighter.com)