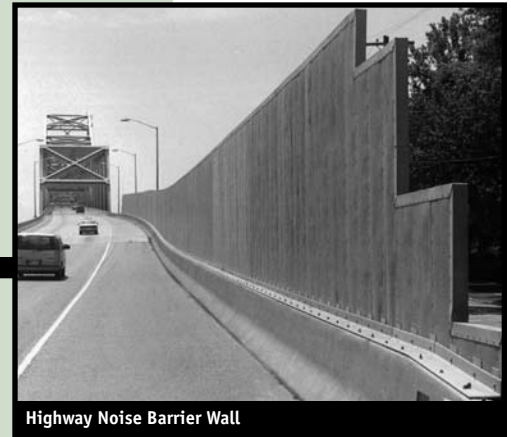


# Soundscreen™ Barrier Walls

## Heavy-duty Noise Isolation Panel Systems

a McGill AirSilence™ product

United McGill® products



Highway Noise Barrier Wall

Soundscreen barrier walls provide effective and predictable isolation from excessive sound. They can reduce noise levels by 20 dBA depending upon wall height, location of the noise source, and the location of the receiver. Soundscreen barrier walls can be custom designed for many interior and exterior noise control applications, including highways, trucking yards, bus and train stations, airports, HVAC equipment, electrical transformer substations, and other unwanted industrial or utility noise. They are designed and built to provide years of service under the toughest conditions.

McGill AirSilence can provide a complete service package including:

- Expert noise control advice and assistance
- Noise measurement testing and NVLAP® laboratory analysis if needed
- Customized design solutions
- Manufacture of all components and structures to agreed specifications
- Installation assistance

For more complete information including specifications, pricing, and delivery, or information about other noise control products, please contact McGill AirSilence.

### Panel Construction

Soundscreen panels are the basic building blocks of all Soundscreen barrier walls. The standard panel consists of a sandwich construction of an 18- or 20-gauge, galvanized solid steel outer shell, acoustical/thermal insulating fill, and a 22-gauge minimum, perforated, galvanized steel inner liner. Other skin materials are available including paintable galvanized steel, types 304 and 316 stainless steel, and aluminum. Standard panel dimensions are thicknesses of 2 or 4 inches, widths of 24 or 36 inches, and lengths up to 10 feet for 2-inch-thick panels and up to 16 feet for 4-inch-thick panels.

### Acoustical/Thermal Fill

The standard acoustical/thermal fill is fiberglass batt insulation. The insulation will not settle or promote the growth of bacteria, mold, vermin,

or insects. All insulating materials and inner and outer surfaces used in Soundscreen panels meet the requirements of NFPA-90A.



Barrier Wall for Emergency Generators

### Applications

McGill AirSilence custom builds barrier walls to meet the requirements of many applications.

Typical applications include:

- Roads and interstate highways
- Commercial & residential property barriers
- Parking lots
- Compressors
- Emergency generators
- Airports
- Electrical transformer substations
- Chillers
- Cooling towers
- Gas transmissions stations
- Pumping stations
- Water and waste water treatment plants
- Railroads and subways
- Bridges

Products depicted in this specification sheet were current at the time of publication. As a quality-conscious manufacturer, McGill AirSilence is continually seeking ways to improve its products to better serve its customers. Therefore, all designs, specifications, and product features are subject to change without notice.

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### McGill AirSilence LLC

An enterprise of United McGill Corporation — Founded in 1951

2400 Fairwood Avenue  
Columbus, Ohio 43207-2700  
614/829-1200, Fax: 614/829-1488  
E-mail: sales@mcgillairsilence.com  
Web site: mcgillairsilence.com