

Case Study:

# IAC Acoustics Sound Barrier

▶▶ Pasadena Metro Gold Line  
Pasadena, California



## Metro Gold Line Wins the Gold

IAC Acoustics has fabricated and installed an IAC Noishield® FS/S acoustic sound barrier system for the Pasadena Metro Gold Line project in California. The light rail transit line is approximately 13 miles long and extends from Union Station in the city of Los Angeles to Sierra Madre Villa Boulevard in the city of Pasadena.

The project included more than 1200 IAC Noishield® FS barrier panels which are available in 24" and 18" heights and up to 16 feet long.

## IAC Sound Barrier Features

- Galvanized steel or aluminum
- Free-draining
- Light weight; easily installed
- Sound absorptive
- Weather-test features
- Relocatable
- Freestanding or add-on cladding
- Horizontal or vertical installation

## Manufacturing and Installation

The panels endure a five step cleaning process and are factory finished with a tough, thermosetting polyester powder coat available in hundreds of colors and patterns to simulate wood and brick. By including anti-graffiti treatment into the powder coating process, the IAC Acoustics FS Noishield® barrier panels are much easier to keep clean and maintain.

The steel panels are lighter and easier to install than traditional wood and concrete barriers and are ideal for round, bridges, and roof top community noise control applications.

## Acoustic Performance

IAC Acoustics barrier systems optimize sound transmission loss and sound transmission properties in a durable, aesthetically pleasing wall system. The 5" thick panel is self-draining and the absorptive side is rated NRC 1.05.