

# Noise Barriers



**GCS ACOUSTICS** designs and manufactures absorptive and reflective acoustic barriers for road and rail systems.

The barriers are very effective in minimising traffic noise. In many instances this enables freeways to be built through the centre of densely populated urban centres, in situations where road and the dwellings may be only metres apart.

Metal barriers are preferable to traditional concrete barriers in a number of ways:

- They are considerably lighter and narrower so they can be built in confined spaces and on bridges and flyovers.
- They are more aesthetically pleasing and less obtrusive on the surrounding district.

GCS Acoustics produce noise barriers for the reduction in noise from:

- Road transport
- Rail transport
- Airports

Barriers are built up with GCS Modulock panels constructed with galvanised steel with high-grade powdercoat finishes and anti-graffiti treatment. Barriers are either absorptive or reflective and available in a range of weather resistant materials including galvanised or stainless steel and aluminium.

Users of these barriers include the NSW Roads Authority, the Victorian Roads Authority, Transfield (builders of Melbourne's Citylink project), Thiess Contractors, Boulderstone Hornibrook, John Holland and Leighton Contractors.

#### **Advantages**

Lightweight; Easy and rapid installation; Heavy and costly foundations not required; Colour choices and patterns; Light diffuse; Easy and rapid repair if damaged; Low transportation costs; Clean and neat in appearance; No gaps; Impervious to vermin and fungus; Excellent appearance maintained; Long life durability AND proven and tested performance.

For further advise on these products please contact GCS Acoustics Pty Ltd.

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