

Tried, Tested, Trusted



Gramm Barrier Systems SoundBlok Range

ALUSoundBlok® CE

Gramm Barrier Systems ALUSoundBlok® noise barrier panels are manufactured from high density mineral wool which has extremely effective deadening properties. The mineral wool is then encased in an aluminium panel to produce a light weight sound absorbing barrier.

Gramm Barriers supply and install their ALUSoundBlok® noise barrier system extensively throughout Europe and the UK within urban areas, roads, rail and on various structures.

Gramm Barrier systems ALUSoundBlok® barrier are constructed off site under strict quality controls providing the highest level of construction which conforms to all the latest standards required for all sectors.

Each panel is made of corrosion- resistant aluminium, and perforated for acoustical absorption. The size and pattern of the perforations are designed to protect and maintain the sound-absorptive capability of the acoustic fill inside the panels.

The reverse side of the panel facing away from the noise source, is made of nonperforated aluminium which is also corrosion-resistant. ALUSoundBlok® panels cut the build-up of reverberant sound between parallel barriers, resulting in noise reduction higher than that provided by the hard-surface alternates.



A unique design feature of the ALUSoundBlok® barrier construction is that individual panels can be removed and replaced. Panels are not bolted, welded, or otherwise permanently fastened to each other or to the support posts (Top security fixing added if required).

Should replacement be called for as a result of structural damage, no more than three workmen using ordinary hand tools will be able to do the job. The light weight (18 kg/m^2) of the noise shield panels also make them the prime choice for barrier construction atop existing bridges, overpasses, or other elevated transit structures which cannot support heavier alternative products.

Applications



Road



Rail



Airport



Commercial



Industrial



Utilities



Ports



Defence



Residential



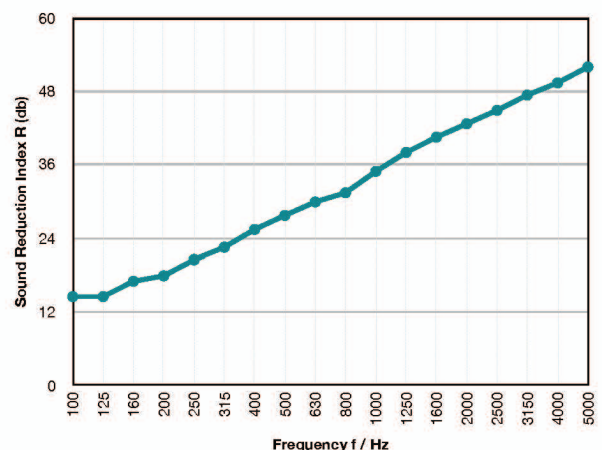
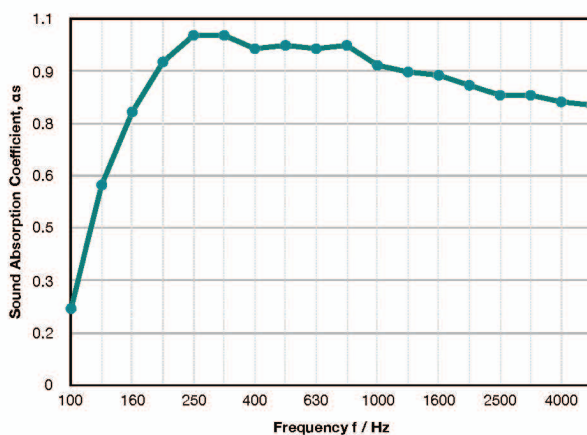
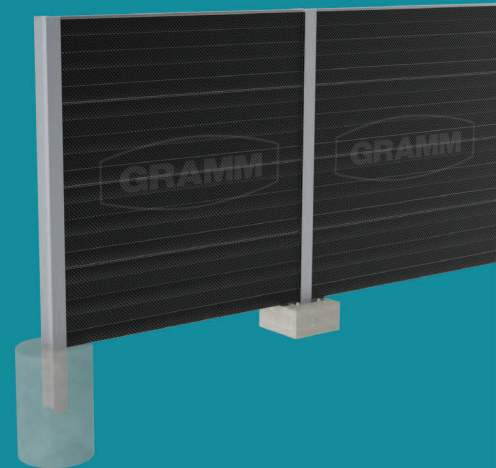
Housing

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Technical Information

- Barrier Rating: A4, B3
- Absorption: 13 D_{la}
- Reflection: 25 D_{Lr}
- Height: From 0.5m - 10m (Bespoke Heights available on request)
- Lengths: From 1.0m - 5.0m (Bespoke Lengths available on request)
- Material: Aluminium
- Weight: 18kg/m²
- Finish: Powder Coated
- Design Life: 30 years



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