

Tried, Tested, Trusted

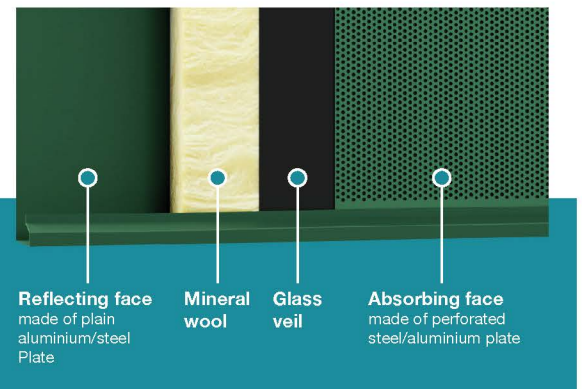


Gramm Barrier Systems SoundBlok Range

METASoundBlok® CE

Gramm Barrier's METASoundBlok Noise Barrier system has been specially designed to reduce noise generated by road and rail traffic. METASoundBlok design criteria uses the noise signature of road and rail traffic as a reference, subsequently adapting the barrier's noise abatement properties to optimise its overall efficiency.

Likewise, the design seeks to optimise the panel's mechanical performance by fitting it with two deep guiderails to improve its mechanical ability and withstand additional pressure caused by passing vehicles and trains.



Gramm Barriers METASoundBlok are made from DX51D+Z200/275-NA grade galvanised steel plating which can be powder coated to any shade of RAL colour. The panels can also be finished in a galvanised finish or CORTEN to help it blend in with more rural sites. The inside of the Metal panel is made up of sound absorbing mineral wool to achieve an A5 noise reduction rating.

The inner face of the panel (Directed at the noise source) has holes over 35% of the surface area to provide noise absorption, while the outer face is a plain reflective panel. The METASoundBlok panels are then installed to steel RSJ bespoke noise barrier posts in 500mm increments to achieve the desired overall height. Panels can span various lengths to suit individual project requirements.

Applications



Road



Rail



Airport



Commercial



Industrial



Utilities



Ports



Defence



Residential



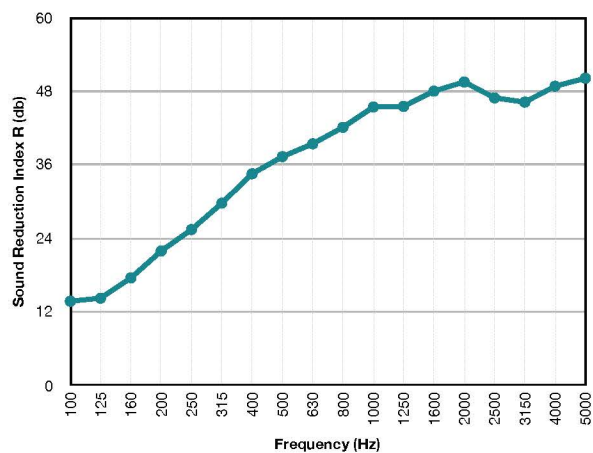
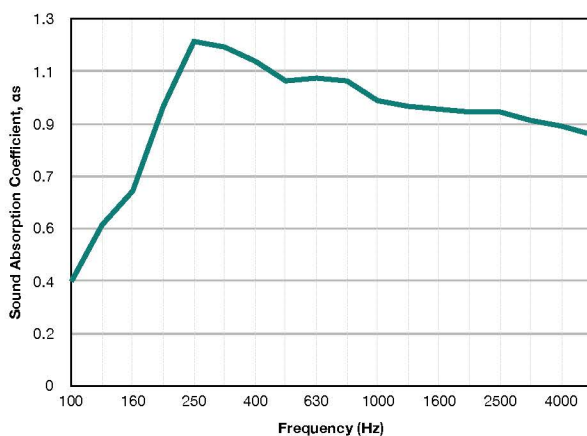
Housing

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Technical Information

- Barrier Rating: A5, B3
- Absorption: 20 D1a
- Reflection: 28dB
- Height: From 0.5m - 10m (Bespoke heights available on request)
- Lengths: 1m, 1.0m - 5.0m (Bespoke lengths available on request)
- Material: Metal
- Weight: 22kg/m²
- Finish: Clear or coloured screens, Aluminium frame can be PPC to to any RAL colour
- Design Life: 40 years



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NOISE BARRIER & FENCING SPECIALIST

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METASoundBlok®

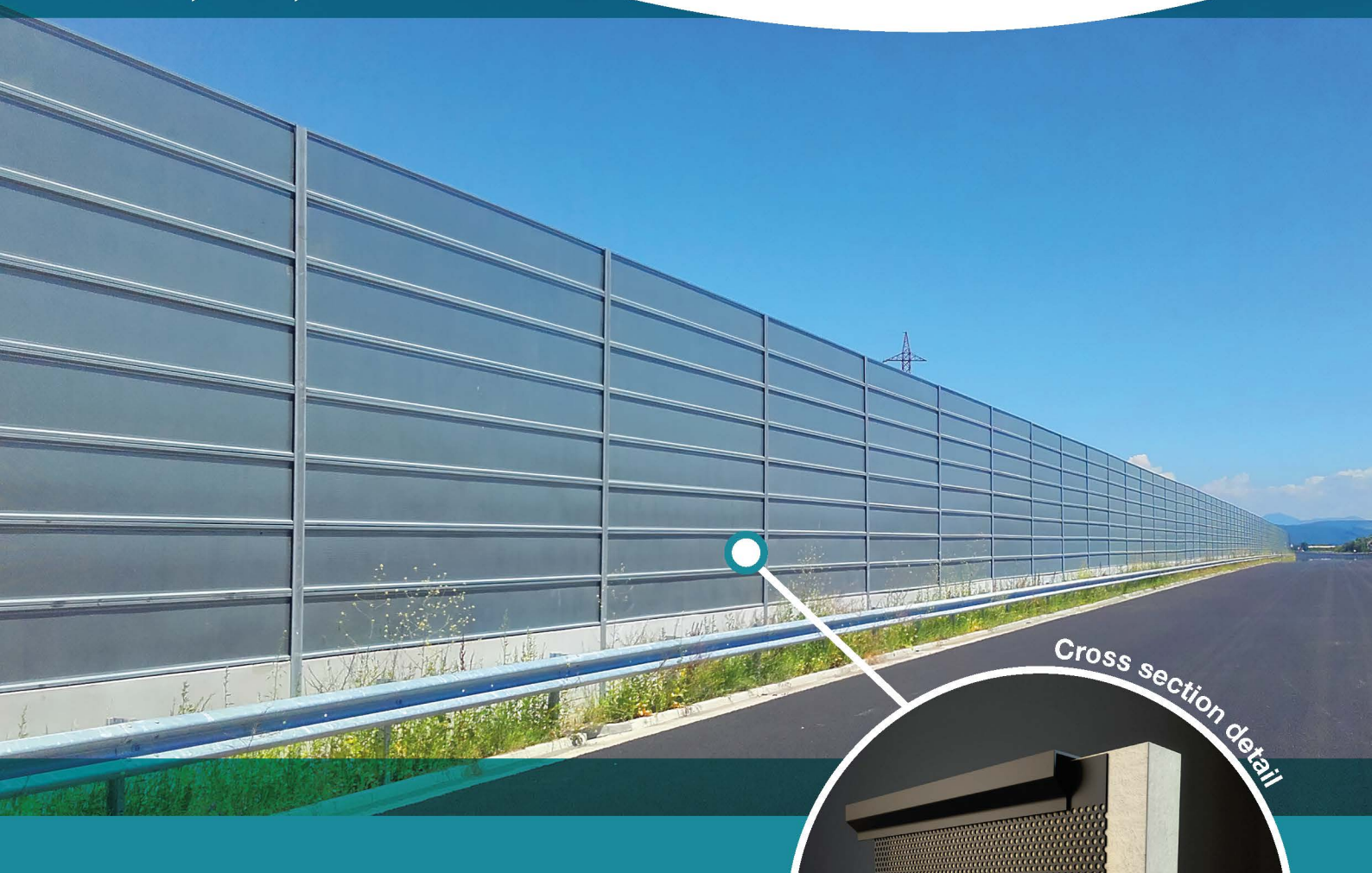
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Cross section detail

Gramm offer a full range of acoustic barriers to safeguard and protect a whole range of property and sites from noise as well as providing the security you need. Whether your requirement is to keep sound in or out of your premises, we have the right noise barriers and acoustic fencing to provide the solution.

Call now for free Quote
08442 259002 or 01323 872243

info@grammbarriers.com grammbarriers.com

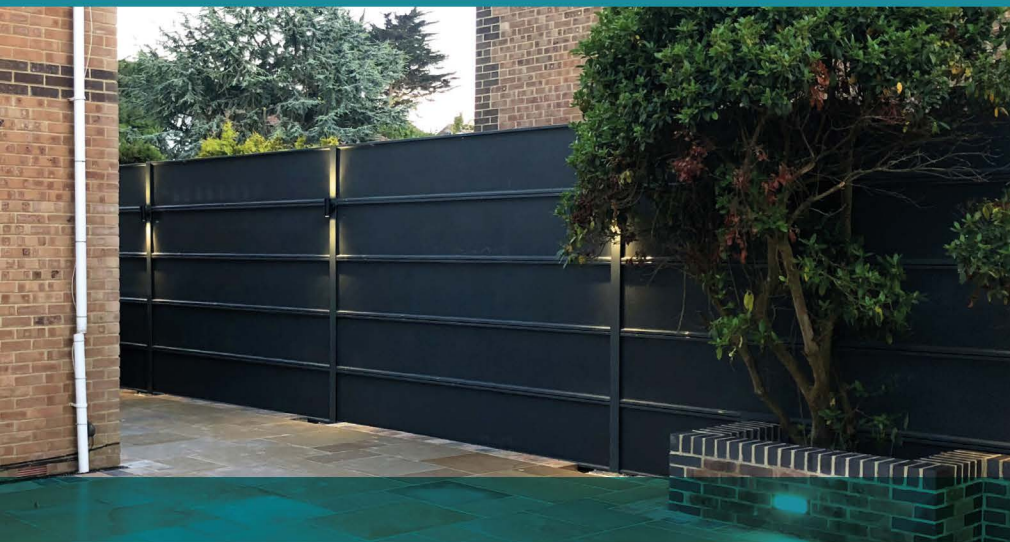
Class	Acoustic Performance	Design Life	Replacement Design Life Based on 120 years
B3 A5	DLR 28 dB Dla 20 dB(A)	40 years - Panels 60 years - Posts	2 1
Foundation Type	Fixing Method / Post Type	Fixings	Maintenance
1) Shallow concrete pad footing set a 3.0 or 4.0m centres. 2) Augered foundations set at 3.0m or 4.0m centres.	1) Galvanised steel or PPC posts with baseplates fixed to concrete pad footings using chemfix resin anchors/studs. 2) Steel RSJ posts set into augered foundations using ST5 concrete.	Stainless Steel	Zero Maintenance. Yearly inspection required.

Gramm Barrier Systems Ltd noise barrier & fencing specialist.

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