

Tried, Tested, Trusted



Gramm Barrier Systems SoundBlok Range

ECOSoundBlok®

Gramm Barriers ECOSoundBlok system offers effective protection against noise pollution or nuisance while also contributing positively to protecting the environment.

Gramm's ECOSoundBlok system blends harmoniously into the natural environment and becomes more attractive as the greenery grows with every year that passes. This plant growth also helps to reduce CO2 in the atmosphere.

The extensive ECOSoundBlok Noise barrier System, is the absolute 'top of the tree' when it comes to green noise barriers. A screen of living green is a structure that is able to save space and grow to full size without the need for any artificial edifice, thanks to natural precipitation.

The noise barrier is composed of just three components:

- 1) Bespoke self supporting structural steel framework
- 2) Acoustic Outer matting
- 3) Steel vertical supports

These individual components are put together on site without any bolts and/or welding. This guarantees a "zero failure" system upon assembly.

The Advantages of ECOSoundBlok Noise Barriers

- No foundations required!
- No need to remove spoil from site as it can be used in the construction of the barrier
- Life span 50-75 years!
- Product has been tested to 67dB "Highly Absorbent" on both sides
- Low maintenance costs
- Graffiti resistant
- No requirement for any supplementary provisions in terms of irrigation installations
- Long life durability
- EU patented
- Highly absorbent
- Excellent insulator
- Adds to the quality of the environment with greenery and CO2 reduction
- Responsible landscaping
- Green and completely recyclable
- No expense of providing foundations thanks to their natural stability
- Costs savings due to the reusing of existing barriers thereby reducing transport and removal costs as well as reducing CO2 emissions

Applications



Road



Rail



Airport



Commercial



Industrial



Utilities



Ports



Defence



Residential



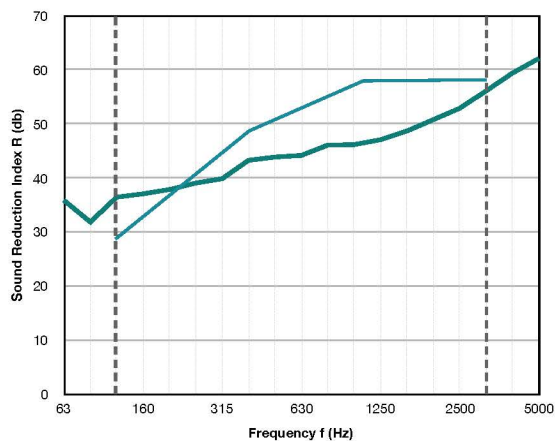
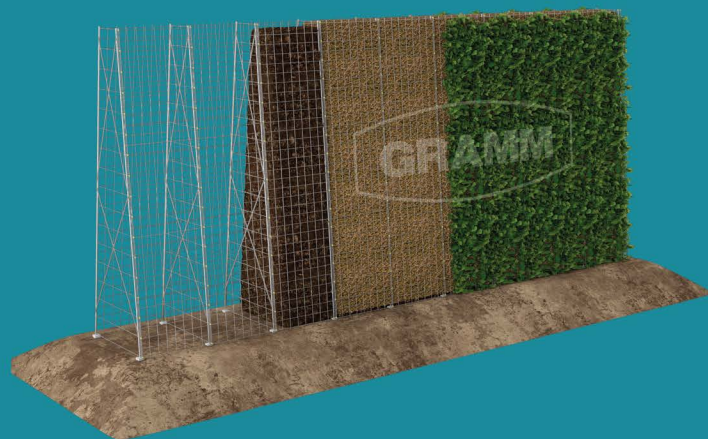
Housing

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Technical Information

- Barrier Rating: A5, B4
- Absorption: 20 D1a
- Reflection: 50 D1r
- Height: From 1m - 12m (Bespoke Heights available on request)
- Lengths: 10m - 500+ (Bespoke Lengths available on request)
- Material: Galvanised Steel, Coco matting, Soil Fill
- Weight: 1250kg/m²
- Finish: Planted - Green Coverage
- Design Life: 60 years



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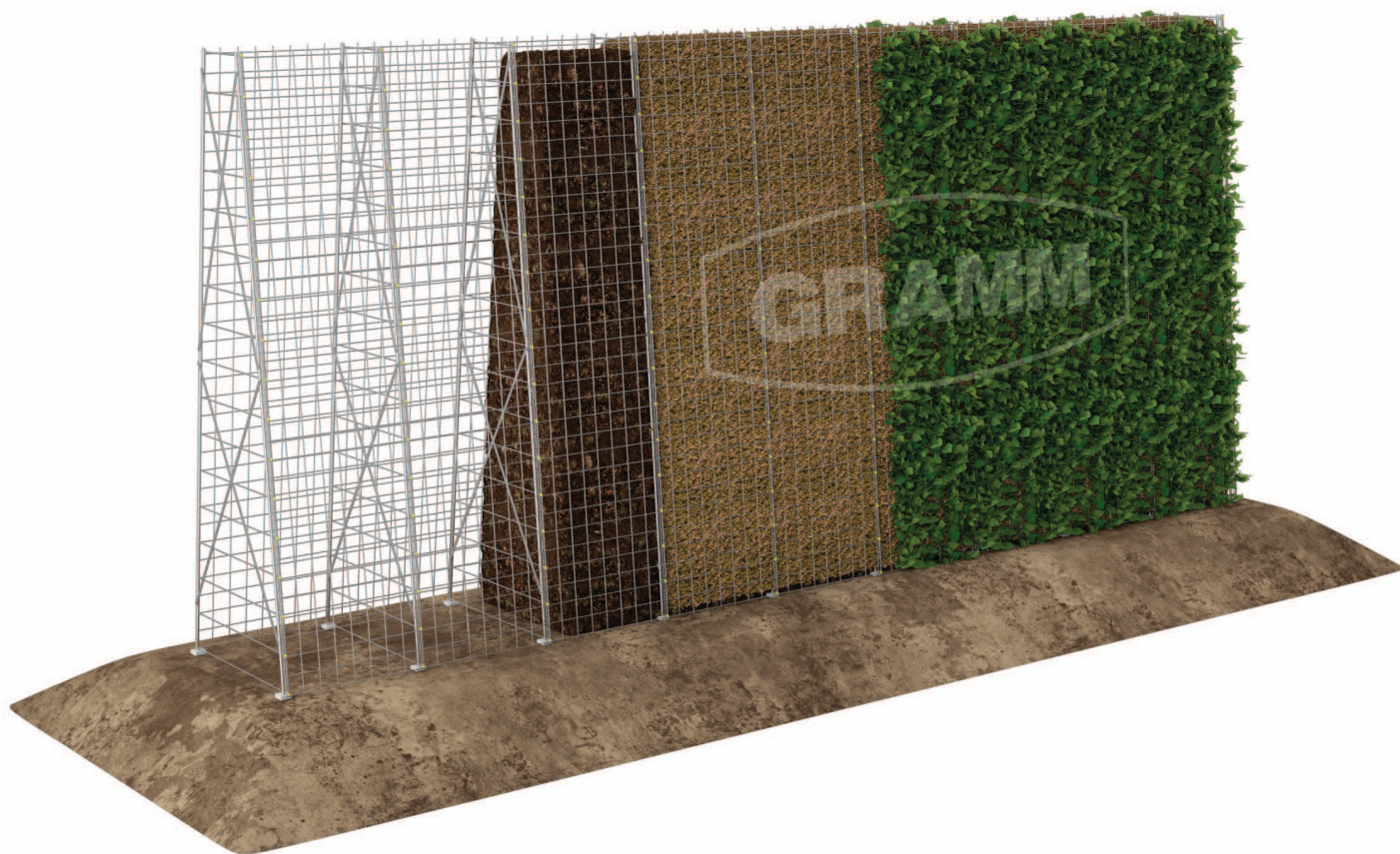
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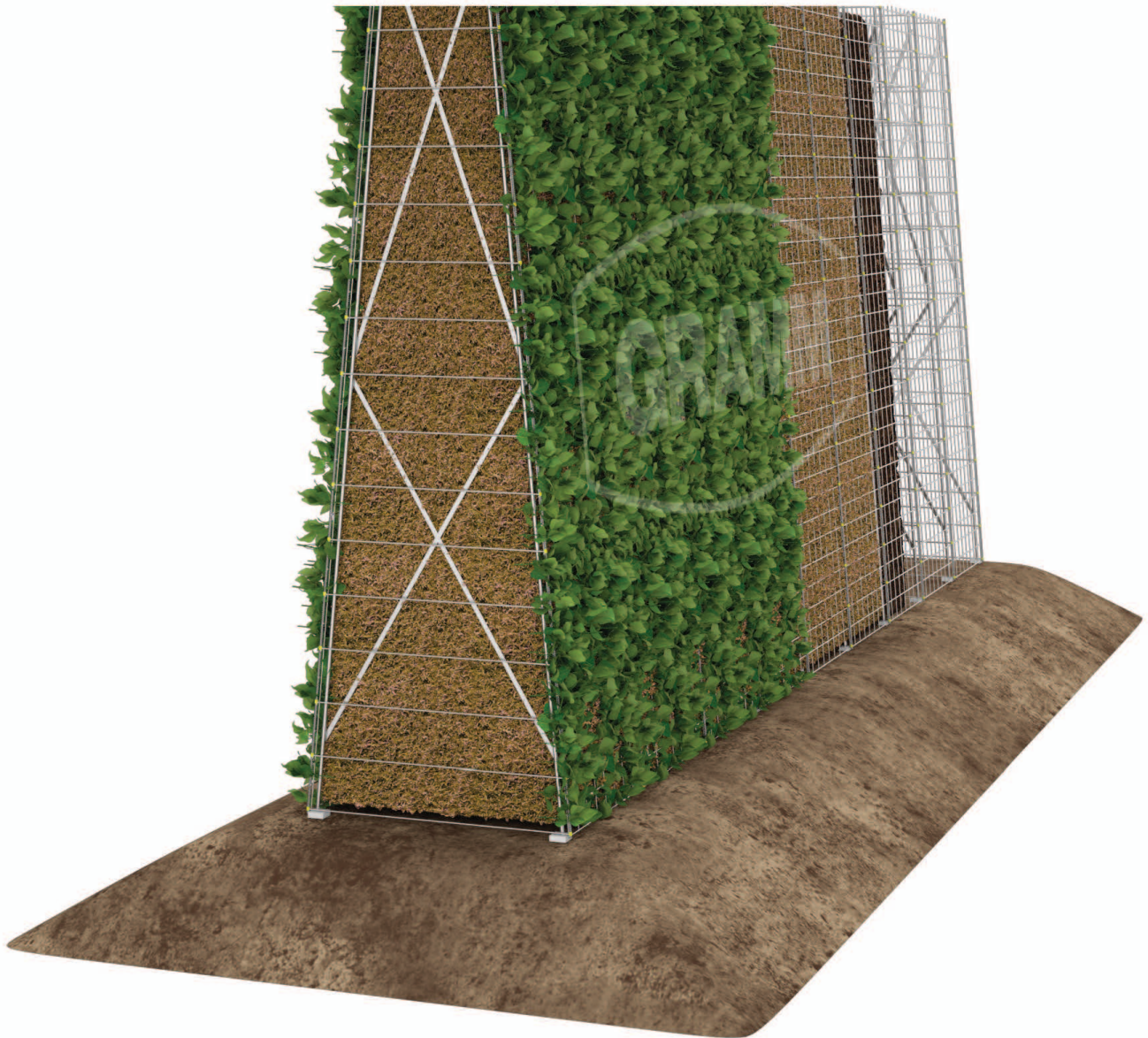
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NOISE BARRIER & FENCING SPECIALIST

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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
B4 A5	DLr 50 dB Dla 20 dB(A)	60 years	1
Foundation Type	Fixing Method / Post Type	Fixings	Maintenance
Compacted Sub Base around 200mm deep.	Galvanised steel pins connecting the framework. Barrier system is held in position by its own weight.	Galv Steel	Zero Maintenance. Yearly inspection required.

Gramm Barrier Systems Ltd noise barrier & fencing specialist.

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