

Tried, Tested, Trusted



Gramm Barrier Systems SoundBlok Range

CONCRETE**SoundBlok**®

GRAMM CONCRETE**SoundBlok**® noise barriers are made of a proprietary material consisting of organic softwood shavings processed to an acoustically engineered size and bonded together under pressure with Portland cement.

GRAMM CONCRETE**SoundBlok**® is highly sound absorptive, porous, rigid, non-combustible, thermally insulating and freeze-thaw resistant. GRAMM CONCRETE**SoundBlok**® noise barriers are panel and post systems. They are engineered in-house and specify the size for posts and the depth and diameter of footings. Standard steel posts or optional concrete posts can be accommodated.

Our standard systems are noise absorptive on both sides. They can also incorporate solid noise reflective or transparent elements, as well as integrated traffic barriers and retaining wall panels.

Visual Appeal

Wide variety of architectural textures, patterns and colours

Panel and Post Design

Lightweight, easy-to-install systems

Acoustical Characteristics

Noise reduction Coefficient of 0.70 or greater



Wall height	Wall height	Wall height
Engineered for heights up to 6m	Engineered for heights up to 11m or more	Engineered for heights up to 11m or more

Innovate design	Versatile	Versatile
Noise barrier and retaining wall panels are stacked on top of each other	Ideal for slope conditions, directional changes and areas with difficult site access	Fewer panels reduces on-site handling and installation costs

Cost-effective	Flexible	Unique
Longest post spacing	Panels can be modified on-site for short bays	Ideal for straight runs of wall with good site access where noise absorption is not required on the residential side

Functional	Minimal Space Requirements
Well-suited for areas where there are grade difference between the two sides of a barrier	Useful in tight spaces access

Applications



Road



Rail



Airport



Commercial



Industrial



Utilities



Ports



Defence



Residential



Housing

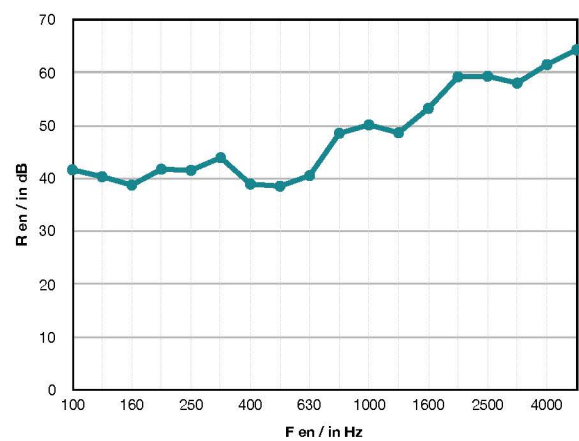
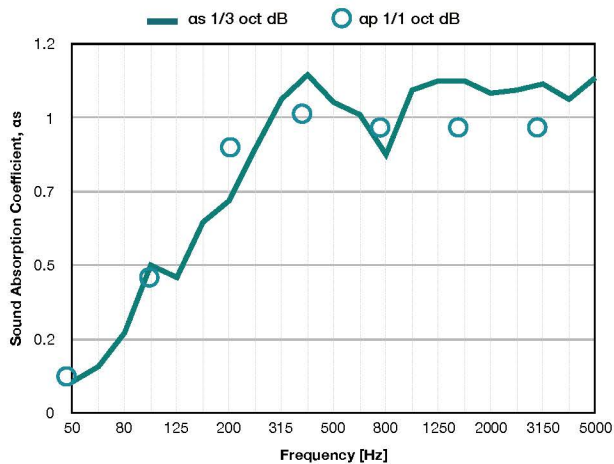
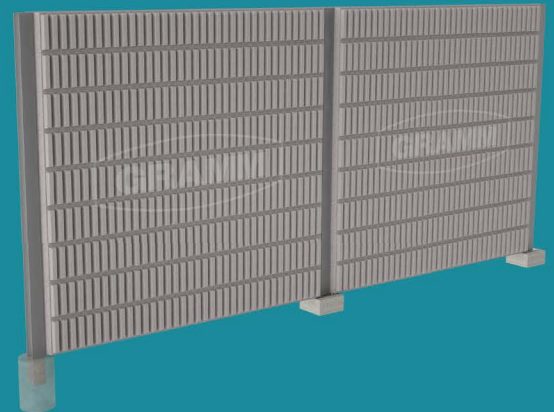
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Technical Information

- Barrier Rating: A4, B4
- Absorption: 20 D1a
- Reflection: 44 D1r
- Height: From 0.3m - 10m (Bespoke Heights available on request)
- Lengths: 1.0m - 3.0m (Bespoke Lengths available on request)
- Material: Concrete
- Weight: 205kg/m²
- Finish: Concrete (Various colours available)
- Design Life: 60 years



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