

Tried, Tested, Trusted

Gramm Barrier Systems SoundBlok Range

NATURAL**SoundBlok**® ABSORPTIVE



Gramm Barrier Systems NATURALSoundBlok barrier range has a classic look most suited to rural environments. Gramm have spent a great deal of time developing our Timber Noise Barrier Range to provide high decibel reductions whilst maintaining a 30 year design life.

Unlike other systems, Gramm do NOT use a tongue and groove system, as timber naturally wants to expand and contract in the varying weather conditions which causes gaps to open along the joints allowing noise to pass through.

Gramm Barrier systems NATURALSoundBlok timber noise barrier range uses a unique double acoustic board design on structural supports which allow the timber to move whilst maintaining an acoustic seal for the full life span.

Our range of timber barriers can be manufactured to suit the requirements of each individual site, ensuring the barrier system provides the highest level of sound reduction available.

Gramm Barrier systems NATURALSoundBlok® Absorptive 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. Alternatively, our Timber Reflective range can be installed piece meal on site, to allow for varying ground conditions and obstacles.

NATURALSoundBlok® Absorptive panels are constructed using incised, Tanalith E pressure treated timber which is sourced from an FSC approved supplier. The panels consist of horizontal structural rails set at 600mm centres and one structural gravel board.

The face side is then clad with vertical acoustic boards and cover boards and surmounted by a weathered calling. The reverse side is infilled with 75mm thick 100kg/m³ density mineral wool protected with a geotextile fabric then clad with half round vertical battens. All elements are fixed using stainless steel annular ring shanked nails and fixings.

Applications



Road



Rail



Airport



Commercial



Industrial



Utilities



Ports



Defence

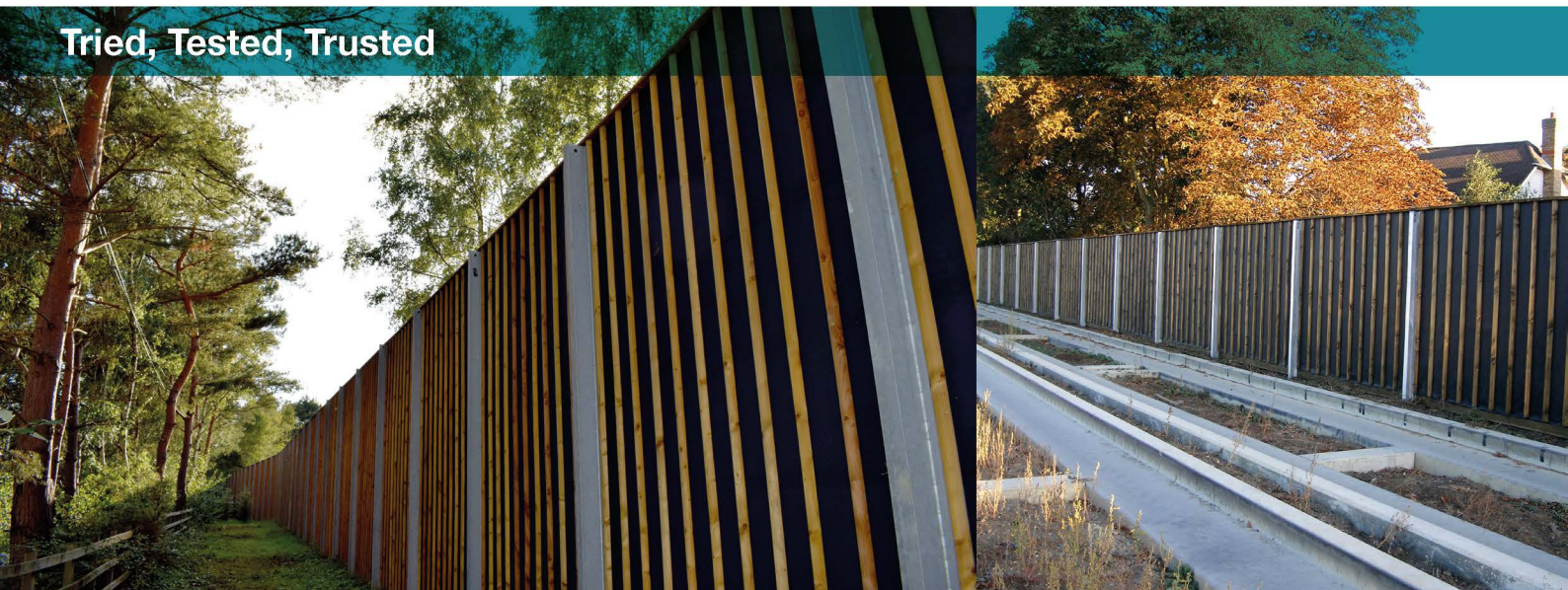


Residential



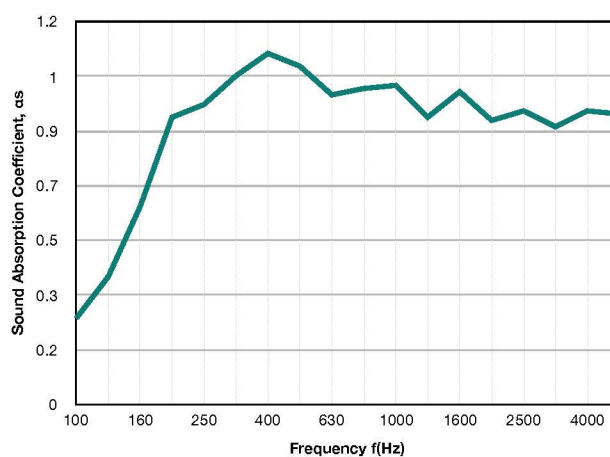
Housing

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Technical Information

- Barrier Rating: A4, B3
- Absorption: 12 D1a
- Reflection: 35 D1r
- Reduction Rating: 35dB (A)
- Height: From 0.5m - 10m (Bespoke Heights available on request)
- Lengths: 1m, 1.0m - 3.0m (Bespoke Lengths available on request)
- Material: Timber
- Weight: 37.5kg/m²
- Finish: Tanalith E Treatment Green or Brown
- Design Life: 30 years



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