

Tried, Tested, Trusted

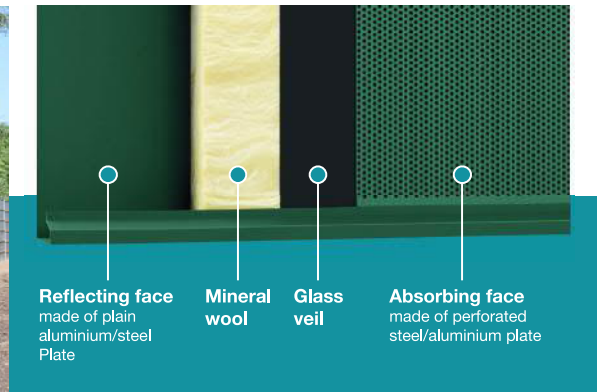


Gramm Barrier Systems SoundBlok Range

## METASoundBlok® CORTEN

Gramm Barrier's METASoundBlok® Corten Noise Barrier system has been specially designed to reduce noise generated by road and rail traffic. METASoundBlok® Corten 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® Corten are made from CORTEN steel to help it blend in with more rural sites with natural green, brown or orange colours. The panels also look stunning with urban environments creating a striking feature wall. 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® Corten 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

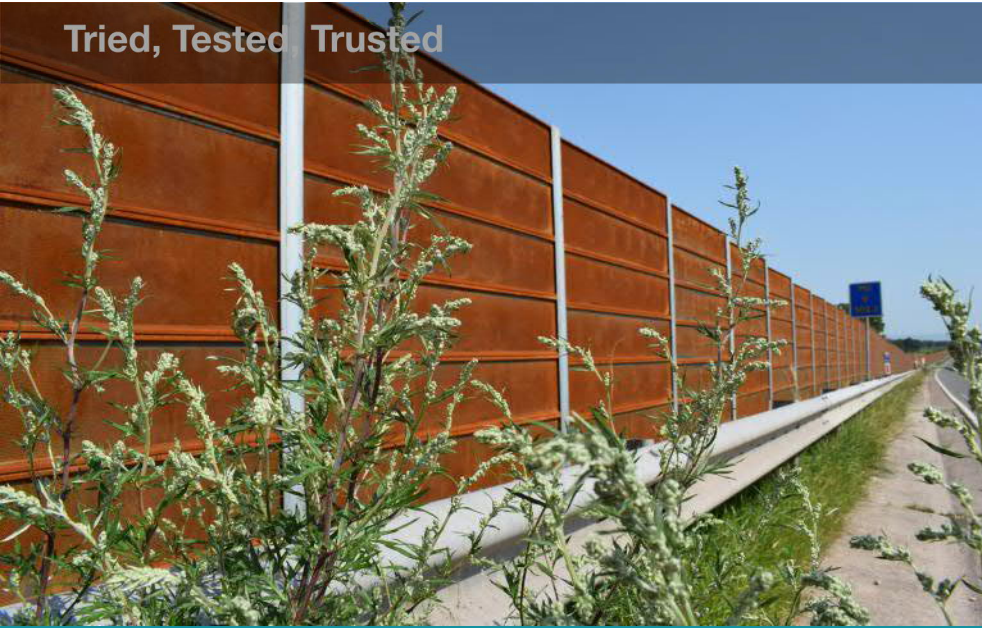


Residential



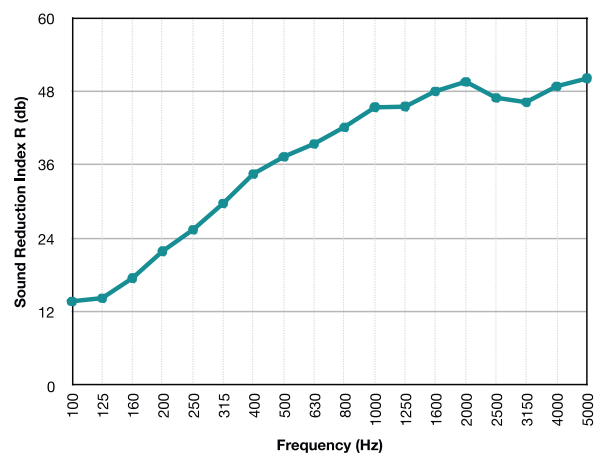
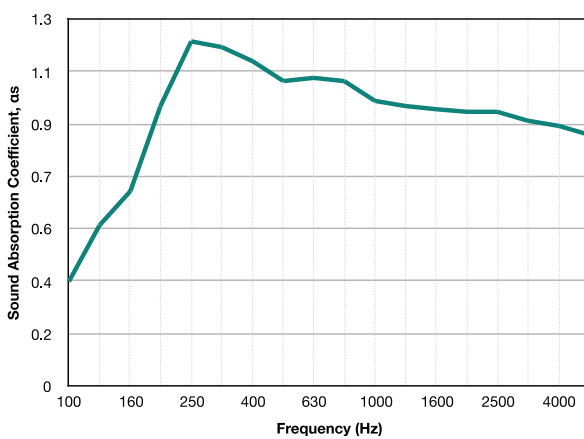
Housing

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## Technical Information

- Barrier Rating: A5, B3
- Absorption: 20 D1a
- Reflection: 27dB
- Height: From 0.5m - 10m (Bespoke Heights available on request)
- Lengths: 1m, 1.0m - 3.0m (Bespoke Lengths available on request)
- Material: Weathering Steel
- Weight: 22kg/m<sup>2</sup>
- Finish: Weathered Steel
- Design Life: Up to 60 years



### Head Office

Gramm Barrier Systems Ltd  
18 Clinton Place  
Seaford  
East Sussex  
BN25 1NP

### South East Office

Gramm Barrier Systems Ltd  
Mildave  
Station Road  
Felsted, Essex  
CM6 3D

### Wales & West Office

Gramm Barrier Systems Ltd  
Venture Wales Offices  
Merthyr Tydfil Industrial Park  
Pentrebach, Merthyr Tydfil  
CF48 4DR

### North Office

Gramm Barrier Systems Ltd  
No 2 Wellington Place  
Leeds  
West Yorkshire  
LS1 4AP

### Scotland Office

Gramm Barrier Systems Ltd  
20 - 23 Woodside Place  
Glasgow  
Strathclyde Region  
G3 7QL