

Tried, Tested, Trusted



Gramm Barrier Systems SoundBlok Range

## VRS SoundBlok® CE

Gramm presents the innovative fusion of a road safety barrier with a special noise absorbing element. With an overall height of 900 mm, the system is just as tall as other common, modern guardrail systems - and yet reduces noise levels in protected areas significantly!

80 % of all traffic noise on roads comes from the interaction of the asphalt and the wheels of passing vehicles. With a sound source that low, there is no need for a massive wall to block the noise, if a screen can be brought close enough to the traffic. The solution is the noise absorbing safety barrier.



The noise absorbing guardrail system is equipped with unique perforated steel beams and special panels with stone wool filling from the market leader ROCKWOOL, that allows high noise reduction levels and impressive results in test according to the European Norm EN 14388.

Apart from its decent noise absorbing abilities, it is also a fully functional vehicle restraint system, crash tested to the European Norm EN 1317. All steel parts are hot-dip galvanised for maximum life span and enduring performance.

### Applications



Road



Rail



Airport



Commercial



Industrial



Utilities



Ports



Defence



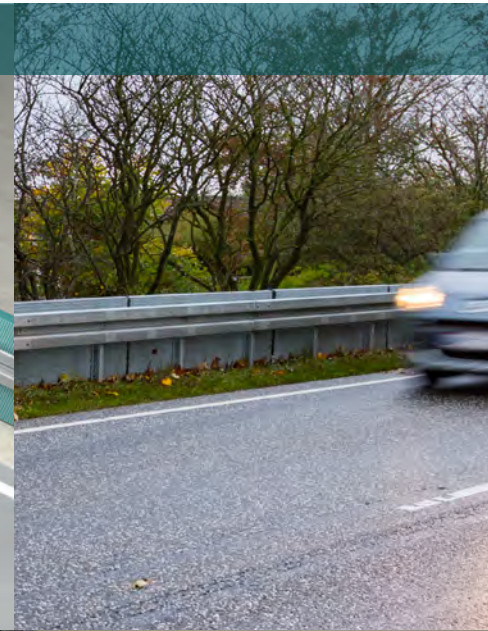
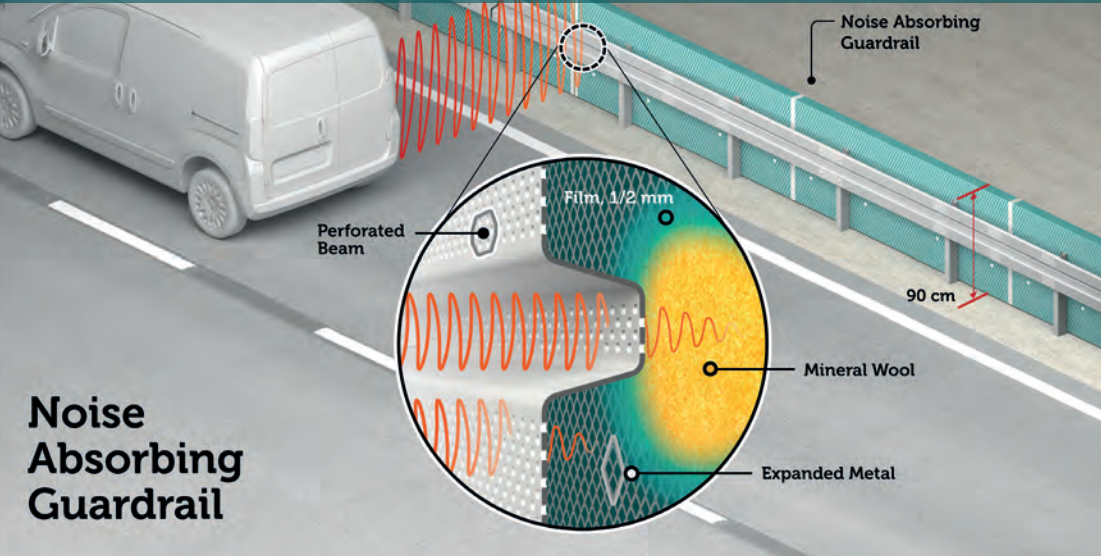
Residential



Housing

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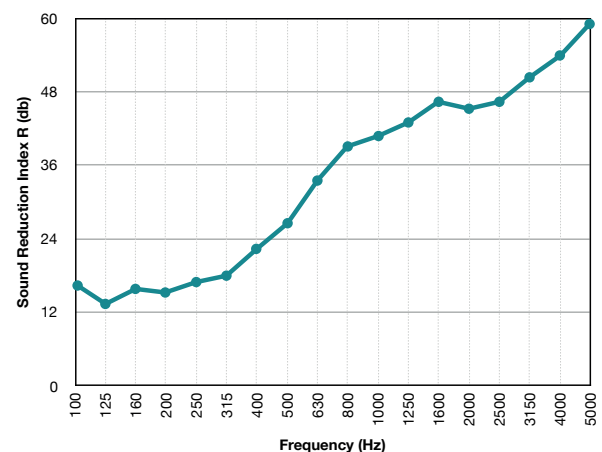
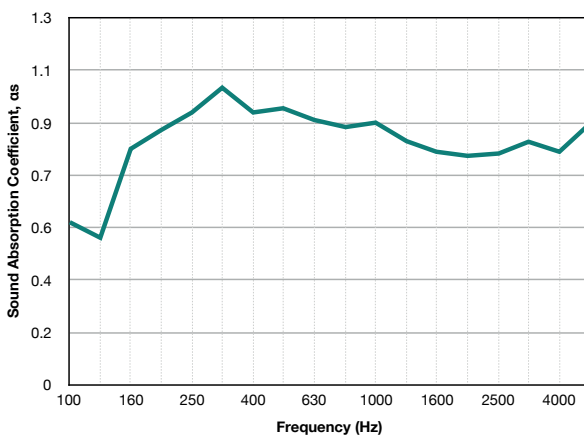
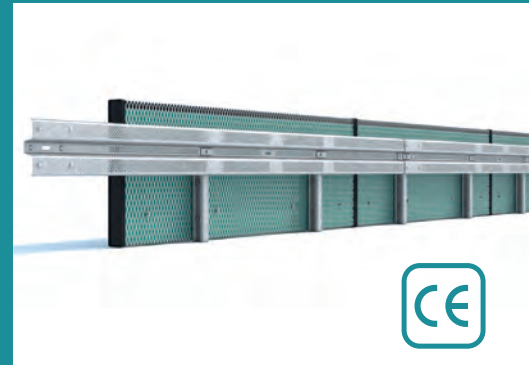


**Noise Absorbing Guardrail**

## Technical Information

The advantages of the system, especially compared with the alternative of building a noise protection wall with an additional suitable safety barrier in front of it, are compelling:

- noticeable noise reduction up to 5 dB\* and more
- high level of road safety (L1-W4-A)
- significantly reduced costs in purchase, installation and maintenance
- less intervention into landscape
- free view for road users and residents
- fast installation, no special foundation
- high durability



### 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



Call now for a free quote - 08442 259002 / 01323 872243 [info@grammbarriers.com](mailto:info@grammbarriers.com) [grammbarriers.com](http://grammbarriers.com)