

Tried, Tested, Trusted



Gramm Barrier Systems SoundBlok Range

## RAIL SoundBlok®

Low level noise barrier systems have been used throughout Europe since the Mid 90-ies. Norway and Finland have now started to invest in the system, and are in the process of testing the barriers.

Deutsche Bahn has had test stretches for evaluation for years, due to the protentional in the trackside noise barrier system.



### Our TrackSide

Barriers are constructed from reinforced concrete with a Quietstone absorber moulded into the concrete.

- One Unit
- No Maintenance
- Long Lasting



### Applications



Road



Rail



Airport



Commercial



Industrial



Utilities



Ports



Defence



Residential



Housing



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## Step 1

First, a trench needs to be installed running along the railway line. 20mm of fill or fine crushed stone is then installed for the noise barrier unit to sit on. This acts as a base for the barrier but also prevents any sound from passing under the system.

## Step 2

The surface is then compacted which provides a level surface for the noise barrier blocks to be placed in a continuous row and the correct distance from the track.



## Step 3

The noise barrier elements are then placed in a row on along the railway line. The weight per block is 3.5 tons. The barrier system is 3.5m long with a V groove allowing them to interlock.



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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**

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Class	Acoustic Performance	Design Life	Replacement Design Life Based on 120 years
B3 A4	D <sub>ln</sub> 44 dB D <sub>la</sub> 11 dB(A)	60 years - Posts	1
Foundation Type	Fixing Method / Post Type	Fixings	Maintenance
1) 20mm of fill or crushed stone for the barriers to sit on. Fill to be compacted to prevent movement and also allows a level base for the panels to be installed on.	1) Barriers are lifted into position with a road railor. The weight of the panels hold them in position.	N / A	Zero Maintenance. Yearly inspection required.

**Gramm Barrier Systems Ltd noise barrier & fencing specialist.**

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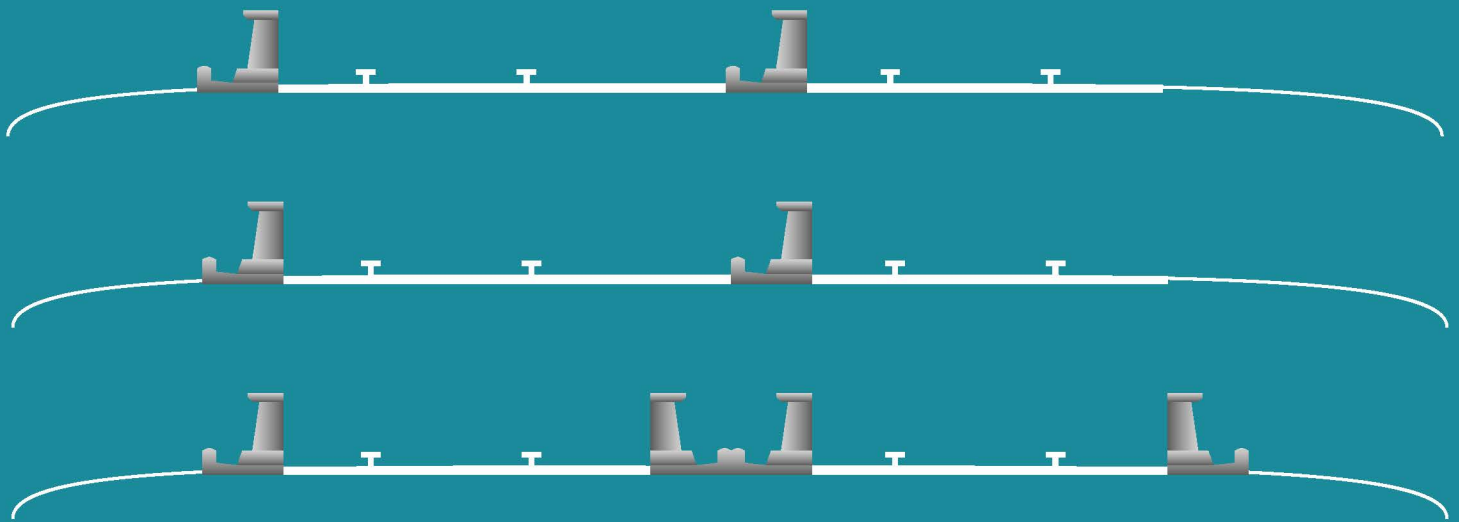




GRAMM BARRIER SYSTEMS SOUNDBLOK RANGE

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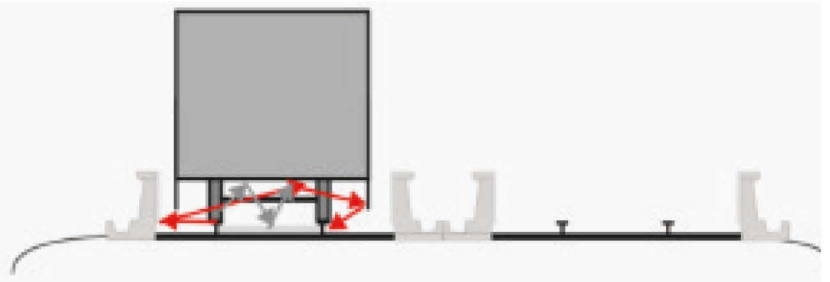
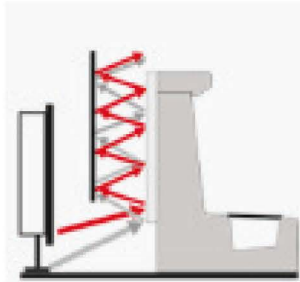


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## Security



The top of the elements is patterned to avoid slipping when evacuating train.



A fence can keep people out of the railway bank.



Security doors are used for evacuation of the track.



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