

A photograph of a white and red SRT train traveling on an elevated track. To the right of the track, a long, modular acoustic barrier runs parallel to the rails. The background shows green trees and a building under a clear sky.

Premium performance acoustic barrier technology

Leniter Acoustic Barrier System

Noise pollution from urban rail lines can cause a significant amount of problems for neighbouring businesses and communities, increasing the need for noise barrier solutions to protect local environments and mitigate noise levels from rail rolling stock.

Trelleborg's Leniter Acoustic Barrier System is a noise reducing modular track-side barrier system, that can be installed along various lengths of a rail track, in both urban and countryside environments, quickly and easily with minimal ongoing maintenance required.

The Leniter Acoustic Barrier System is a proven noise attenuation solution, engineered to provide acoustic noise absorption up to 43dBA. Barriers are fully customizable to individual project requirements, with a variety of barrier heights, colours and designs available to ensure the system blends in and complements surroundings, while delivering superior noise absorption performance.

In addition to proven noise attenuation, the Leniter Acoustic Barrier System provides a safe and secure solution to preventing unwanted access to rail tracks, protecting people and property from damage.

Made to order in the UK from recyclable and recycled materials, the barriers are non-hazardous and environmentally friendly, with a design life of up to 20 years.



Features & benefits:

- Proven noise attenuation 38dBA
- Proven noise absorption 43dBA
- Up to 20-year design life
- Modular construction—varying heights, widths and thicknesses can be produced to meet project specifications
- Made to order, high quality materials from UK manufacturer
- Customizable colours and designs
- Non hazardous materials
- Recyclable at end of service life
- UV and corrosion resistant

Applications:

- Inner city urban areas
- Hospitals
- Protection for unmanned areas
- Rural communities
- Housing developments
- Stations

How does it work?

Barriers are made from a variety of materials that dampen noise and remove the energy from sound waves, reducing the amount of radiated sound that passes through the barrier system.



Contact us

Trelleborg Applied Technologies delivers innovative and reliable solutions, materials and smart systems that maximizes performance for our customers. Our dedicated and highly skilled staff are always on hand to provide seamless process support from initial idea, through to delivery and beyond.



UK: +44 (0) 1777 712500
Australia: +61 3866 7444
Singapore: +65 6265 0955



Email: appliedtechnologies@trelleborg.com



TRELLEBORG

WWW.TRELLEBORG.COM/APPLIED-TECHNOLOGIES