

Projects

A4 Burgerveen, Netherlands

This is our largest tunnel project to date. 30,000m² of Quietstone FR are to line this tunnel which has ceiling sections cut out, exposing nearby residents to noise from the road. Our panels will be supported by a steel structure and are also required to protect services behind in the event of a fire. Quietstone FR was designed as a bespoke sound absorber for this project and has now become a standard product.

Material used: **Quietstone FR**[®]



Epping to Chatsworth rail tunnel, Australia

25Km of Quietstone was used between the rail tracks to reduce noise build up as a result of rolling noise generated by the train wheels and track. The panels were moulded to form 'feet' underneath providing high sound absorption and a suitable height for workers to walk across.

Material used: **Quietstone TrackSlab**[®]



Dublin Port Tunnel, Ireland

Noise build up caused by hard, reflective surfaces of the tunnel interior was controlled with the use of Quietstone. As the tunnel is used by many large lorries, a lining material needed to be able to sustain the pressure changes as vehicles enter the tunnel. As Quietstone has an inherent flexibility, it can move in sympathy with these kind of pressures.

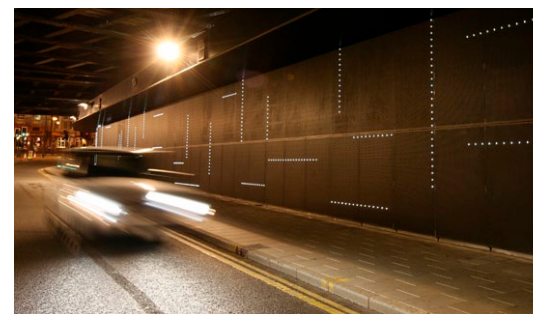
Material used: **Quietstone**[®]



Neville Street, Leeds, UK

As part of a brave investment to provide a gateway to the City of Leeds, Quietstone light was moulded into perforated metal caskets which also housed LED lights to create a unique aesthetic appeal. A sound system was also installed to play urban music as passengers drive through. Our material helped in reducing noise levels from traffic and creating suitable acoustics for the music in a usually hostile environment.

Material used: **Quietstone Light**[®]

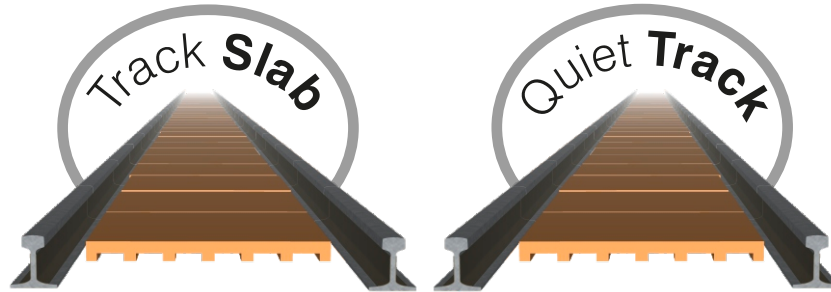


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Sound Reducing Solutions for the Rail Industry

TrackSlab

Quietstone Track Slab is a durable sound absorbing acoustic panel that's designed to be situated between the railway tracks.

Our Track Slab reduces noise generated by the interaction between rail and wheel.

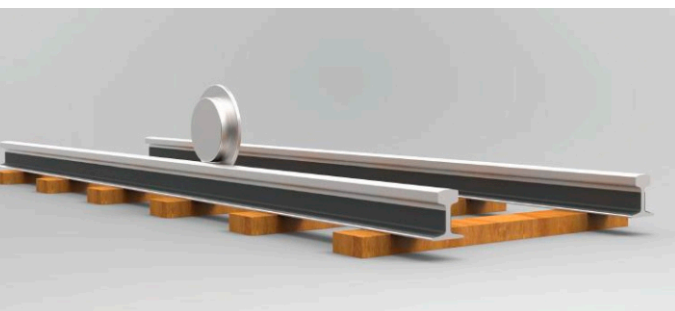
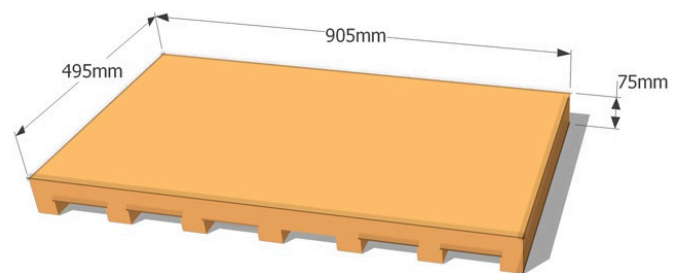
In developing this product, the challenge was to find a long lasting, non-flammable material with enough durability to withstand high impact from track workers, cleanability, and high sound absorption. The only product which answers all these requirements is **Quietstone Track Slab**.

These bespoke panels are specifically designed to reduce railway noise. Feet running along the bottom increase the acoustic performance by adding an air gap, and also benefits workers giving them a higher platform to work across.

19,000 m2 of Quietstone Track Slab has previously been installed in Perth, Australia.

Key Features

- Sound absorbing
- Durable
- Long lasting
- Cost effective
- Free draining
- Easy to install
- Easy to clean
- Bespoke sizes available



QuietTrack

Quietstone QuietTrack is an additional product in our rail noise reduction range.

QuietTrack is designed to bond to the rail to reduce vibration.