

Tensar International verified as a supplier and designer of solutions on the railway

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Tensar International is now verified to design, as well as supply, its trackbed improvement and soil reinforcement solutions for railway projects across the UK, after passing its Railway Industry Supplier Qualification Scheme (RISQS) audit.

“Being verified under the Railway Industry Supplier Qualification Scheme means buyers of products and services in the rail industry, from Network Rail, to Transport for London and HS2, can trust our systems and our capabilities,” said Darren Evans, Tensar’s Major Projects Account Manager for Rail.

Evans explained that while Tensar stabilisation geogrids and its reinforced soil wall and slopes systems were already approved for use by Network Rail – and have been used successfully on the railway for decades –the latest RISQS audit also covered the company’s design services.

“This means our clients can now use our indemnified designs, rather than having to adopt them – just like we do when we work in other areas, such as the highways sector. It’s great that rail clients will be able to tap into our years of experience and expertise so we can deliver great solutions for their projects,” he said.

Mechanical stabilisation of track ballast and sub-ballast has been proven to increase trackbed stiffness, reduce trackbed variability, to minimise settlement and ballast degradation and to smooth trackbed transitions.

Tensar has developed a range of stabilisation geogrids specifically for railways, with larger apertures, allowing effective particle confinement and mechanical interlock with coarse railway ballast. Tensar geogrids have gained Network Rail Product Acceptance Certification for the structural stabilisation of ballasted trackbed.

Tensar's permanent and temporary reinforced soil retaining wall and slope systems are also regularly used on railway projects, to form approach embankments, bridge abutments, retaining walls and steep vegetated cuttings.



Mechanical stabilisation of track ballast and sub-ballast with Tensar geogrids

Meet Tensar's UK Rail Team:



Peter Matthias

Major Projects
Design Lead



Darren Evans

Major Projects
Accounts Manager

Tensor International has created a new rail division as part of its strategy to grow the use of its geogrid-based engineering solutions in the sector, with a particular focus on high speed rail projects.

The division will be headed up by Peter Matthias as Major Projects Design Lead for Rail and Major Projects Account Manager for Rail, Darren Evans.

Matthias said: “We were delighted when HS2 was given the green light recently. Tensor has been working on UK railways for decades and our systems have proven themselves on high-speed rail projects around the world. Having a dedicated rail division will enable us to fully-support clients in the sector over the coming years.”

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