

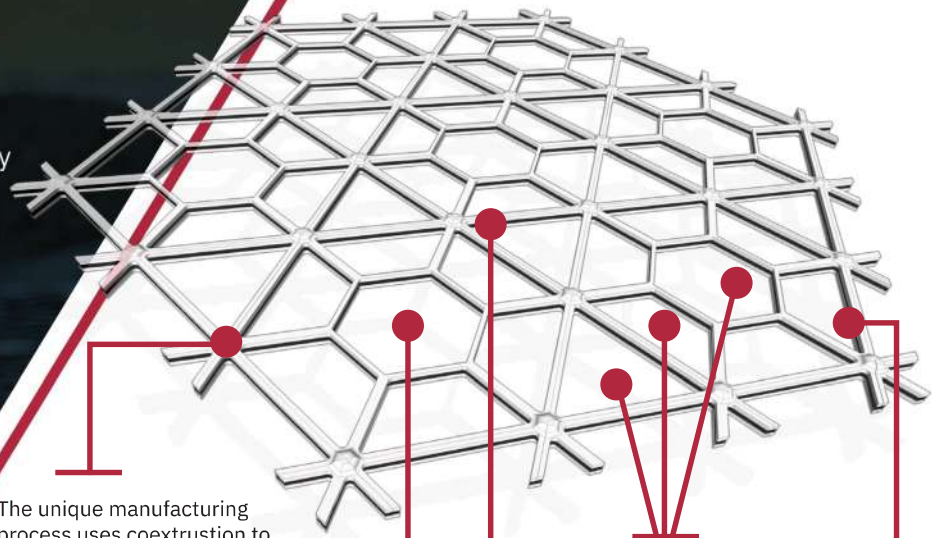
Tensar® InterAx® Geogrid

- Advanced material science
- Optimised geometry
- Cost effective, resilient trafficked and working surfaces

Tensar InterAx geogrid incorporates innovations in both material science and geometry optimisation to provide exceptional performance and value across a wide range of materials and construction applications. This creates the most efficient mechanically stabilised layer (MSL) that retains stiffness over time to enhance performance of access roads, pavements, working platforms, and other on site applications. The result? You get a more cost-effective, higher-performing solution which contributes to saving time, cost and carbon on your project.



The Anatomy of Tensar InterAx Geogrid



The unique manufacturing process uses coextrusion to create a multi-layer product, giving Tensar InterAx geogrid the ability to accommodate aggregate nesting. The outer layers conform to the shape of the aggregate and holds it in place.

The open, floating hexagon allows for greater compliance and improved aggregate confinement under compaction and repetitive loading.

Three unique open aperture shapes yields a broader range of sizes and open area, allowing better compatibility with a wider range of aggregate qualities and gradations.

40% higher aspect ratio allows more effective interlock and lateral restraint to aggregate particles enhancing overall MSL performance.

Increased number of bearing surfaces provides improved performance of the geogrid-aggregate layer, by resisting radial displacement of the aggregate under load.

Unstabilised



Stabilised



Better performance means less aggregate is required to meet project requirements, saving costs, time and carbon emissions.



Design Software

Tensar+ offers free-to-use design software that can be accessed online anywhere, anytime. Use the platform to design your project, customise its specifications and see the cost-savings in real time.

This new software allows the benefits of geogrid to be quantified in a range of civil engineering applications, including roads, walls and slopes, platforms, railways and foundations.

Scan the QR code with your phone or visit tensarplus.com to start designing.



How much can you save with Tensar InterAx geogrid? Scan this QR code to access tensarplus.com to get started

The Tensar+ design software platform enables you to:

- ✓ Design and evaluate project specs
- ✓ Compare alternative materials and project conditions
- ✓ See the cost and time savings in real time as you change parameters
- ✓ Analyse the sustainability of your projects.

PROVENTECHNOLOGY

Tensar geogrid solutions are the most rigorously tested geogrids in the world. Testing includes laboratory evaluations, Accelerated Pavement Testing programs in situ field testing using different materials and loading conditions, 3rd party reviews, and ongoing pavement performance monitoring. Recently, the United States Army Corps of Engineers tested Tensar InterAx geogrid against an unstabilised control section. The results showed Tensar InterAx reduced surface rutting by 64%.

PROVENSUCCESS

With over 50 years of experience, we've helped construction professionals around the world find cost-effective solutions using our industry-leading geogrid technology. We're with you every step of the way so you find the best solution to your specific challenge.



Blockley STW Temporary Haul Road

A temporary haul road was to be constructed across arable farmland with low strength subgrade. At the end of the contract, all construction material has to be removed and the land handed back to the farmer.



SCAN ME

Scan This QR Code for More Project Details.



Freight Force Working Platform

There was a need for a new steel framed warehouse which required piled foundations at a facility just outside Great Yarmouth in the UK. A Tensar mechanically stabilised layer incorporating Tensar InterAx geogrid provided an efficient and safe working platform for the piling rig used.



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PROVENSAVINGS

We help you deliver projects more efficiently. Tensar InterAx geogrid has already been installed on projects around the world, achieving significant cost and time savings, proven performance, and meeting sustainability goals.



SCAN ME

Scan the QR code to download your copy of the research summary.

