

# TRIED AND TESTED

## Temporary Works Solutions

With Tensor, you can save time, cost, carbon and have a more positive community impact.



### TENSAR® INTERAX® GEOGRIDS

Tensor® InterAx® geogrids are used to mechanically stabilise granular materials in access roads, site compounds and working platforms, while our range of systems for soil retaining walls, bridge abutments and reinforced slopes can help maximise construction areas for both temporary and permanent applications.

Up to  
**50%**  
savings



Stabilised



Non-stabilised



### UNPAVED ROADS, SITE COMPOUNDS AND WORKING PLATFORMS

Unpaved temporary access roads, compounds and working platforms are a critical aspect of temporary works for many road, rail and energy projects. While supporting extremely heavy loads, these often have to be built on weak or variable ground.



No road surface does not mean no design...

**SCAN THE QR CODE**  
to find out more.

### WHY TENSAR® SOLUTIONS?

#### Increased bearing capacity

Mechanically stabilised layers create a safer and more reliable base for heavy plant and high traffic areas.

#### Reduced layer thickness

Granular layers incorporating Tensor® InterAx® can be **up to 50% thinner**, with no loss of performance.

#### Saving time, cost, carbon

Less aggregate is needed while excavation and disposal is reduced, so construction is faster and costs are lower — reducing carbon emissions and having a positive community impact.

## RETAINING WALLS, BRIDGE ABUTMENTS AND STEEP SLOPES

Practicality and economy take priority over aesthetics when it comes to temporary retaining walls and bridge abutments. Our TensarTech Systems can be used to build temporary and permanent reinforced soil retaining walls, wing walls, bridge abutments and steep slopes, which can be constructed quickly and economically.



Tensar offers a range of Earth Retaining Systems...

**SCAN THE QR CODE** to find out more.

## WHY TENSAR® SOLUTIONS?

### Rapid construction

Most systems can be built without formwork, temporary propping or crane lifts and are ready for use immediately.

### Simple to build

Conventional earth embankment construction techniques can be used, often without the need for specialist skills. Temporary systems are dismantled easily, or can be backfilled against, at the end of a project.

### Temporary structures at a fraction of the cost

Tensar systems can be built at a fraction of the cost of conventional methods – with up to **75% cost savings**.

## TENSAR® | SUCCESS STORY

### Applying the T-Value Method in Practice at HS2 Stoneleigh Park

As an alternative to traditional design methods, a leaner working platform was required for the Stoneleigh Park Overbridge piling operations, which needed to address the issues of high rig track pressures over a variable subgrade.

**£250K**

est. reduction in construction cost

**75%**

est. reduction in construction time

**75%**

est. saving in carbon emissions



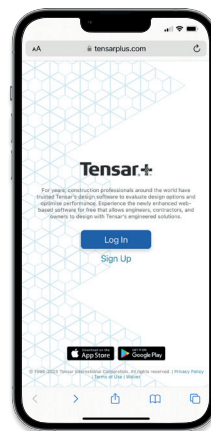
To read the full Success Story **SCAN THE QR CODE.**

**Tensar's free to use Tensar+ cloud based design software enables designers to generate performance based solutions with quantified cost, time and carbon emission savings.**



**Tensar+**

**SCAN THE QR CODE** to register for free.



- Design and evaluate your own project specifications.
- Compare alternative materials and project conditions.
- See cost, time and carbon savings in real time.
- Analyse the sustainability of your projects.

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