



**TriAx<sup>®</sup>**

A REVOLUTION IN GEOGRID TECHNOLOGY

## **Tensor International Corporation**

The Mechanically Stabilized Layer (MSL) in  
paved and unpaved road design

**Tensor<sup>®</sup>**

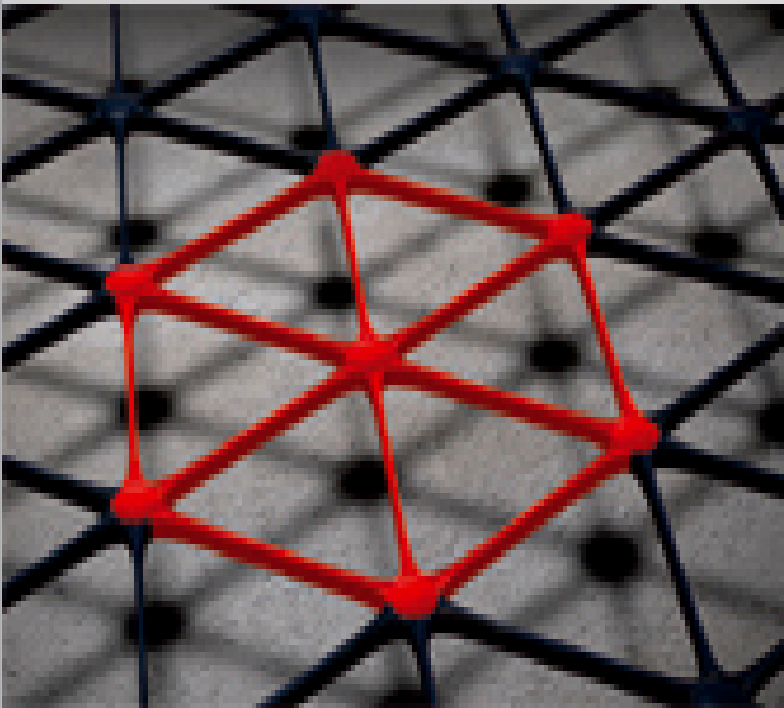


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# Are Tensar Products In Your Toolbox?



## What is Tensar GeoGrid?

- Punched and drawn polypropylene matrix (non-braided strands and non-welded joints)
- Pre-tensioned during manufacturing:  
No elongation under load
- Engineered for road building and soil stabilization

# Applications

- Improved performance/construction cost reduction in paved/unpaved roads
- Bridging weak soil
- Reduction of differential settlement
- Foundation Support



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Kick it Out



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**Tensar GeoGrid**  
**Large rolls - Easy to install**





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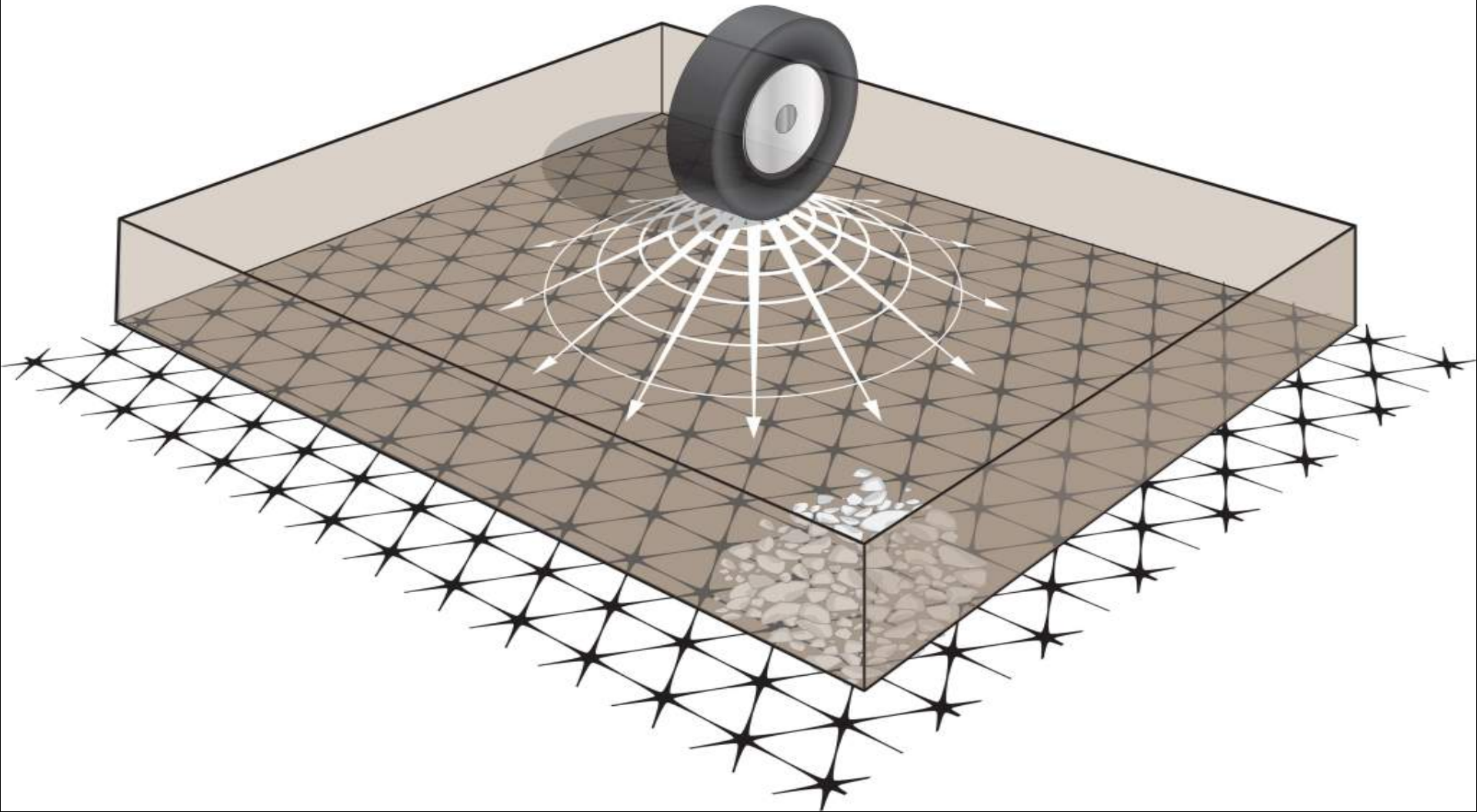
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## Designed to Resist a Radial Load





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# Road Building

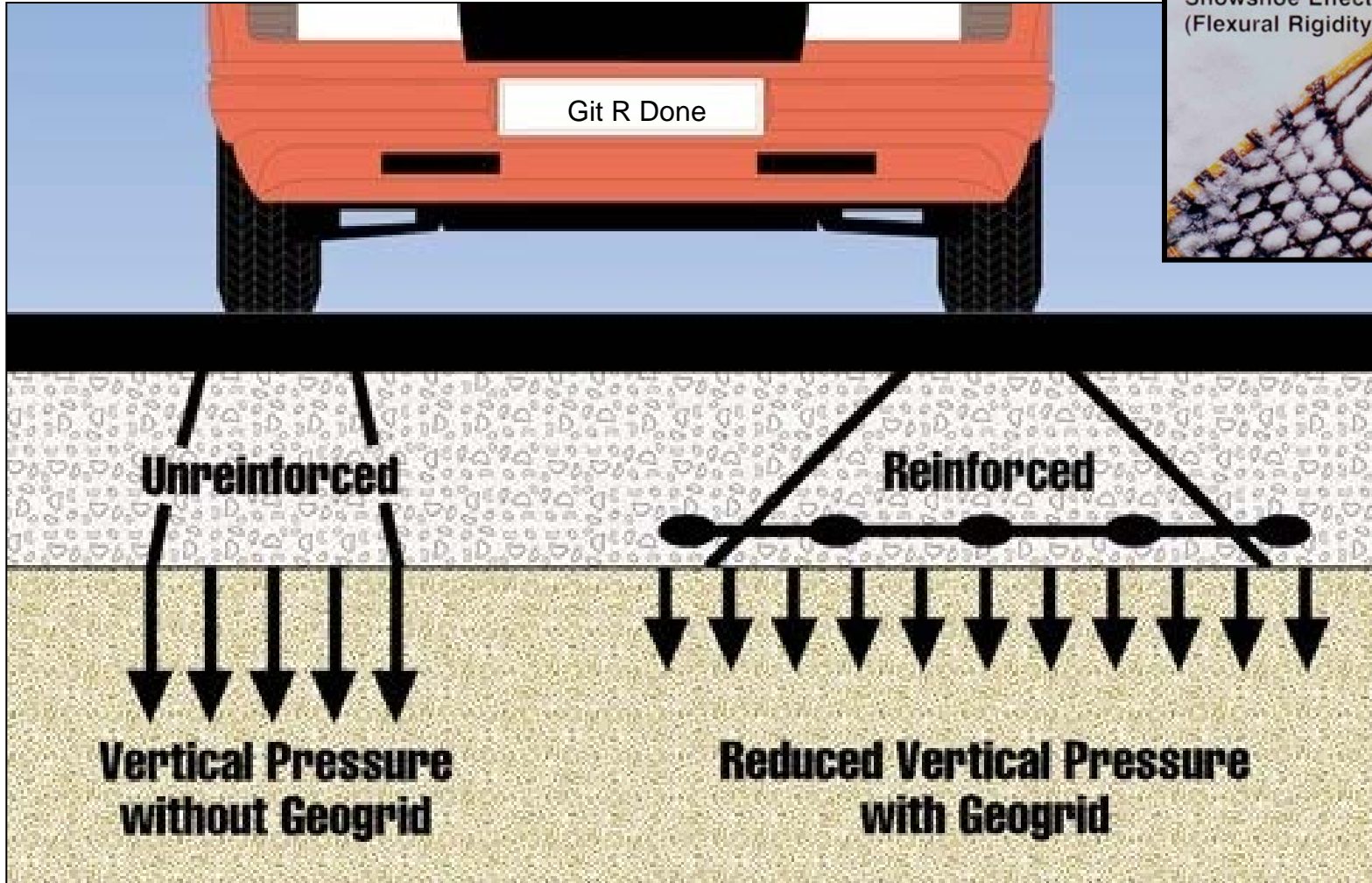
## It Starts with Base Stabilization



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## Load and Pressure Reduction



**LOAD SUPPORT**  
Snowshoe Effect  
(Flexural Rigidity)





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Unable To Pass a Proof Roll  
Subgrade Improvement



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**Aperture Size and Shape Creates Aggregate Interlock**





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**Access, Service, Training Road**



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**This Problem**



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Became



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**This**



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## Success



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