InterAx Geogrid

Tensar introduces the concept of soft-ground stabilization through the radial stiffness of a triaxial hexagonal-aperture geogrid, with improved load distribution demonstrated by a full-scale traffic load test.

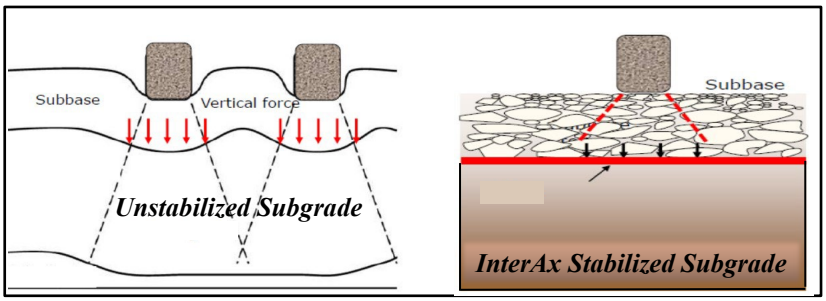
InterAx geogrid provides a mechanically stabilized layer (MSL) when granular aggregates interlock within the geogrid's triangular-patterned apertures. The particle confinement inhibits soil movement and deformation and improves bearing; thereby, MSL can be designed with minimal thickness. This performance solution offers significant economic benefits when less granular material is needed, resulting in a typical 33% reduction in carbon emissions.

InterAx Geogrid

Characteristics of InterAx Geogrid

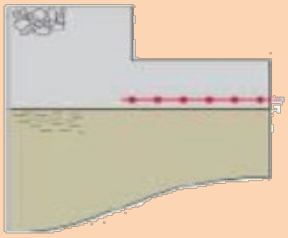
- HDPE integral geogrid with high radial stiffness
- Rigid high strength junction to confine granular
- Distribute load in 360°
- Optimum aperture to interlock granular
- Lightweight roll
- Easy to install

Stiff InterAx Geogrid

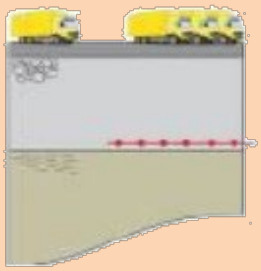


Function of InterAx Geogrid

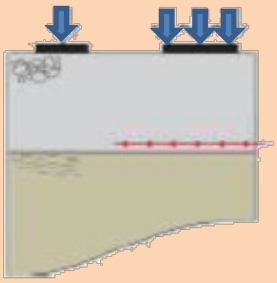
Reduce capping thickness, use less granular



Prolong service life, get more traffic



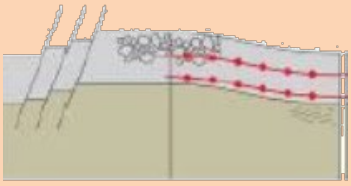
Improve bearing capacity, allow heavier loading



Maintain a flexible, stiff platform

Capping weak deposits

Control differential settlement



Services that We Offer

- Design support with engineering analysis
- Application concept
- Method statement
- Installation assistance

InterAx on very soft soil

World Cup Stadium South Africa, 2010

G & E ENGINEERING Since 1984

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