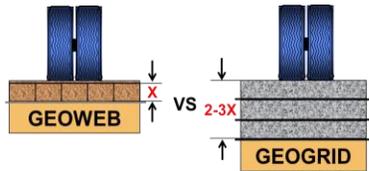


GEOWEB® 3D Solutions Out-Performs Planar Geogrid Systems for Ballast Reinforcement

1 AAR-TTCI Tested



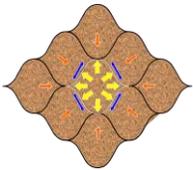
2 Reduce Ballast Depth 2-3 Times



3 One-Step Deployment Over Soft Soils



4 Zero Settlement



5 Lower Carbon Footprint



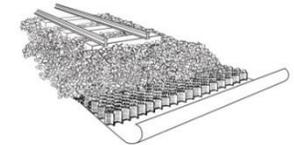
6 Ideal for Difficult Access.



7 Reduces Maintenance in High Impact Areas.



8 Fast Deployment, Rail Repair



1. AAR-TTCI Performance Tested.

The Geoweb system is tested and proven to provide resistance to long-term differential settlement superior to geogrids..

2. Reduce Ballast Depth 2-3 Times.

One Geoweb layer decreases ballast by up to 2.5 times the Geoweb depth. It requires multiple layers of geogrid to equal just one Geoweb layer.

3. One-Step Direct Deployment Over Soft Soils.

No need to undercut, the Geoweb system can be placed directly above soft soils. Geogrid layered-systems require special equipment to access the site.

4. Delivers Zero Settlement Through Hoop Strength.

Geogrids require tension that requires deformation. The Geoweb system uses hoop strength and passive resistance with benefits occurring before settlement begins.

5. Lower Carbon Footprint.

Less aggregate, less loads, less trips, less fuel, less emissions= better for the environment.

6. Ideal for Difficult / Limited Access.

Geoweb solutions need less loads of stone, and the Geoweb sections ship efficiently by reducing the total volume to be brought to the site.

7. Reduces Maintenance in High Impact Zones.

The Geoweb system reduces maintenance in problematic soft soil, high impact areas subjected to heavy tonnage stresses such as bridge approaches and crossing diamonds.

8. Fast Deployment = Fast Rail Restoration.

The Geoweb system is designed for tight schedules and allows for short construction windows. Geogrids require standard repair time.