03 FOREST ROAD WITH GEOCELLS

STRATAWEB® GEOCELLS FILLED WITH LOCAL MATERIAL · UNPAVED ROAD



The geocell laid out along the road, ready to be filled with local material

2,500 m²
OF GEOCELL

2.5 km
OF MAIN LOGISTICS ROAD

1 day
OF INSTALLATION

Local material
THE FILL IS THE LOCAL SOIL

The challenge: the main logistics road of a forestry operation: lorries loaded with logs, every day, on dirt. The material placed today is in the ditch tomorrow: under repeated loading the soil spreads sideways, ruts and potholes form, and when it rains the road is cut and the timber cannot get out. Replacing material every year is a cost that leaves nothing behind.

The solution: 2.5 km were stabilised with geocells **StrataWeb®** laid on the subgrade and filled with the same local material, **in one day of installation**. The geocell arrives folded like an accordion, is stretched out and becomes a honeycomb: each cell holds the material, keeps it from moving under the wheel, and the whole works as a slab that spreads the load. There is no need to bring quarry material or come back the following year.

> **The saving is not in the product:** it is in the haulage and in not having to come back. On a rural road, where nobody will come back to repair it, it has to be solved once.



Detail of the geocell anchored to the ground



The tractor fills the geocell with the road's own material

PROJECT FILE

Project	Forest road with geocells
Location	Private forestry estate · Paraguay
Product	StrataWeb®
Area	2,500 m² over 2.5 km of road
Duration	1 day of installation
Scope	Supply and installation with own crew