

Application For Slope Protection

The TYPAR GEOCELL GS cellular confinement system utilizes the strength and permeability of TYPAR Geotextiles to create a 3-Dimensional cellular confinement system. Manufactured from dark grey PP/PE bicomponent fiber geotextile, the cell walls are permeable to water, air and nutrients, increasing stability and vegetative performance. The TYPAR GEOCELL GS system ships in compacted panel form and expands into a honeycomb formation to the desired shape and dimension on-site. The unique, lightweight, flexible material conforms to surface variations to improve ease of installation while resisting impact damage. A variety of infill materials, including native soils and recycled aggregates, may be used to reduce waste material and overall construction costs.

TYPAR GEOCELL GS for Slope Protection

The cellular structure of the TYPAR GEOCELL GS system improves resistance to erosive forces on steep, unstable, or slopes exposed to severe hydraulic or mechanical stresses. Variable cell depths and diameters provide cost-effective options for protection up to 1:1 (45 deg) slopes.

Suitable applications

- Landfills
- Mining
- Highway Embankments
- Bridge Abutment



Product	Panel Size	Cell Diameter	Cell Depth	Panel Weight	Material	Application
TYPAR GEOCELL GS 250/100	16.4' x 23'	9.8"	4"	37.5 lbs	Non-woven PP/PE	Up to 1:1 slope
TYPAR GEOCELL GS 250/150	16.4' x 23'	9.8"	6"	55 lbs	Non-woven PP/PE	Up to 1:1 slope
TYPAR GEOCELL GS 350/100	16.4' x 23'	13.8"	4"	24 lbs	Non-woven PP/PE	Up to 1:2 slope
TYPAR GEOCELL GS 350/150	16.4' x 23'	13.8"	6"	37.5 lbs	Non-woven PP/PE	Up to 1:2 slope

