GRASS & GROUND

REINFORCEMENT SOLUTIONS

TYPAR™

COMMITTED TO PERFORMANCE

TYPAR™ is a brand of Berry Global, a Fortune 500 company and one of the world's leading producers of engineered non-woven fabrics, and is committed to developing products and processes that provide a safer, cleaner, and healthier world.

TYPAR is a market leader in the design and manufacture of innovative geosynthetics, providing a unique range of performance led solutions utilizing a broad range of international brands. We excel in the innovative application of technology to create versatile, high-performance materials which are unique, cost-effective and deliver significant added value.

With a strong background and proven excellence within the civil, construction, military, horticulture and landscaping industries, Berry Global offers enhanced commercial opportunities, as well as adding value to existing customers through a broadening product portfolio.

For many years, TYPAR has focused on identifying and improving performance in key areas of environmental impact, which includes waste production, energy consumption, water resource management, and the use of recycled and degradable materials. All TYPAR materials contain recycled content up to 100% and are chemically inert.

All product sizes and weights are nominal figures and may vary marginally to those published. All information is offered in good faith and Berry Global cannot be liable for any information given. Expert advice from an appropriate competent professional should be sought before determining any product is fit for purpose.

GROUND SUPPORT & STABILIZATION

TYPAR Geosynthetics provide trusted, performance based Ground Support & Stabilization alternatives to more traditional building staples like stone, sand and asphalt. Our products are lighter and easier to install than their mineral counterparts, reducing materials required, waste created and the need for heavy construction equipment. TYPAR Geosynthetics can meet application requirements and extend the life of the projects.

CELLULAR CONFINEMENT SYSTEM
TYPAR GEOCELL

The TYPAR GEOCELL cellular confinement system utilizes the strength and permeability of a geotextile 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 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 for Slope Protection

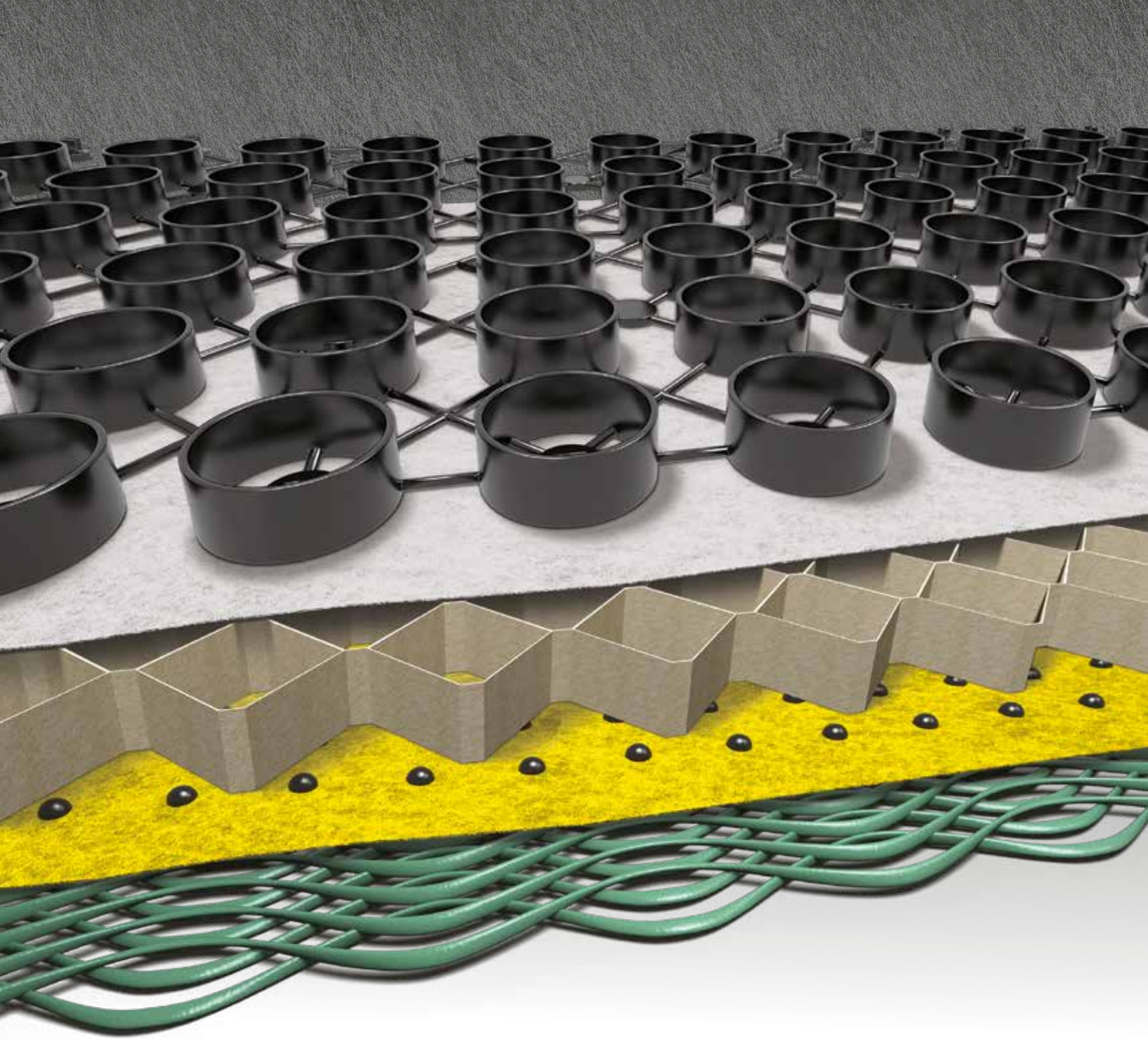
The cellular structure of the TYPAR GEOCELL system improves resistance to erosive forces on steep, unstable, or slopes exposed to severe hydraulic or mechanical stresses. Variable cell depths and diameters provide cost-effective options for protection up to 1:1 (45 deg) slopes.

TYPAR GEOCELL for Load Support

TYPAR GEOCELL cells transfer downward forces laterally, reducing loads on underlying soils. The cellular confinement system is an ideal solution for providing stabilization over poor soil conditions, reducing constructed profile depth and cost, protecting soil and roots from compaction, and providing site access for light, heavy, and industrial vehicles.

Product	Panel Size	Cell Diameter	Cell Depth	Weight	Material	Application Method
TYPAR Geocell 250/100	16.4' x 23'	10"	4"	37.5lbs	Non-woven PP/PE	Pedestrian/Light Vehicle Load Support & Slope Protection
TYPAR Geocell 250/150	16.4' x 23'	10"	6"	55lbs	Non-woven PP/PE	Light Vehicle Load Support & Slope Protection
TYPAR Geocell 350/100	16.4' x 23'	13"	4"	24lbs	Non-woven PP/PE	Slope Protection
TYPAR Geocell 350/150	16.4' x 23'	13"	6"	37.5lbs	Non-woven PP/PE	Slope Protection
TYPAR Geocell 220/200	20' x 10'	8"	8"	44lbs	Non-woven PP/PE	Heavy Vehicles Load Support

Product	Material	Size
Fixing Pin	Steel Rod	22" x 4" x 0.32" dia



Product data sheets, case studies, installation guides and project information are available on request or can be downloaded from typargeosynthetics.com Please contact our sales team for reference projects or for further advice.

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