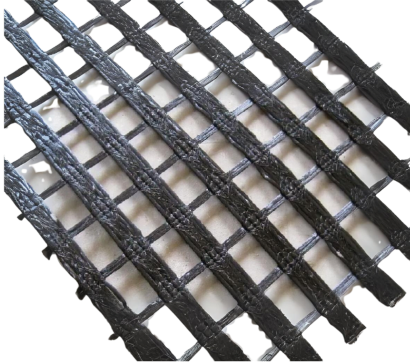HEIGER
The Constructor's Choice

PET Uniaxial Geogrid 300-30 kN/m

SKU: UGPET300A

The HEIGER uniaxial PET Geogrid represents a top-tier soil reinforcement geosynthetic, engineered for exceptional performance. Crafted from polyester yarns boasting elevated molecular weight and remarkable tensile strength, this product stands out as a robust solution for various applications.

HEIGER Uniaxial Geogrids are at the forefront of high-performance soil reinforcement geosynthetics, boasting a construction that leverages polyester yarns of exceptional quality. These yarns, renowned for their elevated molecular weight and remarkable tensile strength, are meticulously knitted into a stable network of apertures. The resulting geometric grid shape offers robust tensile reinforcement to the soil in both vertical and horizontal orientations. By effectively interacting with soil particles, HEIGER Uniaxial Geogrids form enduring composite soil/geosynthetic structures, ensuring long-lasting stability and resilience. To further fortify their durability across diverse environmental conditions, HEIGER Uniaxial Geogrids undergo a black saturation coating process. This coating not only enhances their chemical and mechanical properties but also extends their lifespan, making them suitable for a wide range of applications. Available in multiple strengths to accommodate specific design requirements, these geogrids have undergone rigorous testing in laboratory settings and have demonstrated proven efficacy in countless real-world installations over the past decade. Their success is underscored by their consistent performance and ability to address common challenges encountered in civil engineering projects.

Key Applications:

- Reinforced embankments over soft soil
- Segmental retaining walls
- Reinforced steep slopes
- Landslide repair
- Reinforced foundations

Specification

tensile-strength:	300 - 30 kN/m
roll-width:	Available from 1 - 6 m
roll-length:	Available from 50 - 200 m
colour:	Black
Material:	High Tenacity Polyester (PET)