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Fortrac T eco – The high-tensile geogrid made from high-quality PET recycled yarn

Building steep slopes and retaining structures from reinforced soil even more sustainably with Fortrac T eco

- 100% recycled yarn in original fiber quality
- Resource and CO₂ savings
- Economical and sustainable

Gescher (Westphalia/Germany), March 1, 2021 – The long-proven Fortrac T geogrid is now also available in the ecoLine version. HUESKER Group has succeeded in producing the flexible, extremely resilient geogrid for reinforced soil structures from 100 % recycled PET yarns. The company had previously successfully introduced another classic product in the ecoLine, HaTelit C eco asphalt reinforcement, also made from recycled PET yarns.

The yarns used in ecoLine are 100 % PET recycled material. By dispensing with primary raw materials, they make a valuable contribution to sustainable construction through resource conservation and CO₂ emission savings. The product quality and safety requirements for Fortrac T eco are high. "Our ecoLine geogrids meet the same high quality standards as the original product made from virgin fibers. Fortrac T eco is made from high-modulus polyester yarns and can withstand tensile forces of up to 1,600kN/m," explains Sven Schröer, Managing Director for the HUESKER Group's global sales and application technology activities within the Geosynthetics sector.

For further questions we are of course at your disposal

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The same applies to Fortrac T eco: the high interaction flexibility ensures optimum ground interlocking effects. The high quality of the geogrid is also evident in the crossing points. They are free of weak points, as there are no production-related molecular structural changes.

Fortrac geogrids are used, among other things, in the construction of steep slopes, retaining structures, bridging of sinkholes or also for embankments on piles. In many areas of application, construction methods using geotextiles already show clear economic and ecological advantages compared to conventional approaches. Due to the high design strength, lower and thus more cost-effective strengths can be selected. For example, in the case of embankment foundations for slope constructions, excavation can be avoided and area savings can be achieved by building over steep slopes.

HUESKER ecoLine geogrids are manufactured at the company's headquarters in Gescher/Westphalia.

2.334 characters

Pictures:



Pic 1: HUESKER Project Buitenring_Netherlands

Reinforced soil systems at the major project Buitenring Parkstad Limburg, NL with 30 bridge abutments.

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Pic 2: HUESKER interaction flexibility

Fortrac geogrids exhibit very good interaction flexibility, which ensures optimum ground interlocking, they are extremely resilient and can withstand high tensile forces.

About HUESKER:

The HUESKER Group is one of the world's leading manufacturers of geosynthetics and technical textiles with headquarters in Gescher (Westphalia), Germany.

With more than 500 employees, the company operates globally with ten subsidiaries as well as trading and distribution partners in over 60 countries. HUESKER has been shaping international markets as a pioneer of textile weaving for 160 years.

The HUESKER Group substitutes conventional massive construction with sustainable and intelligent solutions based on modern, high-performance technical textiles and composites.

First-class engineering services, excellent competence in manufacturing, coating as well as tailoring of technical textiles, and an innovative spirit are the key to HUESKER's success.

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