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New geosynthetic support pad with over 800 t capacity

HUESKER's newly launched Fortrac Heavy Load geosynthetic support pad is set to consign the existing heavy-duty steel and concrete support post solutions to history. The system for storing extra-heavy units, e.g. monopiles for offshore wind turbines or ship components, impresses by load capacities of 800 t and higher.

Traditional constructions with custom-made steel and concrete support posts tend to be very expensive. The new structurally type-tested HUESKER system, comprising geosynthetic-reinforced fill materials, excels by its high robustness and ductility.

As one of the world's leading geosynthetics manufacturers, HUESKER has developed a product that delivers perfectly tailored solutions to individual storage requirements. Fortrac Heavy Load can be supplied in different heights and widths, thereby offering the necessary scalability to accommodate wide-ranging loads.

The system features a combination of two high-tensile geosynthetic products with local soils or slags as the fill material.

Provision is made for monitoring loads exceeding 800 t. The support pad's high capacity reserves and minimal settlement (< 1.5% up to 800 t) guarantee a high resistance to displacement.

Thanks to its large base area, the system also offers safe, efficient and uniform load transmission to the ground.

You are welcome to contact us if you have any further questions.

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Fortrac Heavy Load has the advantage of being easily deliverable in kit form for on-site assembly. Other benefits include its transportability by heavy-duty forklift and the possibility of future recycling for support pads that are no longer required. Other optional extras include the possibility of installing drainage units for hydraulic filling and covers for protection against rain.

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Picture:



Picture „Fortrac Heavy Load“

Cross-section of Fortrac Heavy Load heavy-duty support pad

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Picture „Application of Fortrac Heavy Load“

Fortrac Heavy Load heavy-duty support pad carrying monopile for offshore wind turbine

About the HUESKER Group

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

As a globally active company, the Group has ten subsidiaries and cooperates closely with trading and distribution partners in more than 60 countries. HUESKER has been shaping international markets as a pioneer of textile weaving for over 150 years. The HUESKER Group substitutes conventional massive construction with sustainable and intelligent solutions based on modern, high-performance technical textiles. With its products and services, HUESKER provides solutions in the fields of earthworks and foundations, roads and pavements, environmental engineering, hydraulic engineering and mining as well as various applications for industry and agriculture.

First-class engineering services, in-depth expertise in the manufacture, coating and customisation of technical textiles, and an innovative spirit are the key to HUESKER's success. If a project is challenging, HUESKER will find a solution!

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