

Fortrac[®] Heavy Load

Heavy-Duty Support Pad for Extreme Loads



BENEFITS

- Flexible height and diameter
- High resistance to displacement
- Low maintenance required

Patent pending

Fortrac Heavy Load Heavy-Duty Geosynthetic Support Pad



Challenge

Storage of extra-heavy units, e.g. monopoles for offshore wind turbines, pipelines or ship components

- Uniform seating for components, with high resistance to settlement
- Loads safely transmitted to ground
- Flexibility regarding height, width and shape for variable loads
- Easy access for lifting and transportation vehicles (e.g. SPMTs)

Steel or concrete support posts

- High costs due to custom-made components
- Additional support by wooden wedges necessary
- Relatively stiff and inflexible

System features

- Heavy-duty support pad made from geosynthetic-reinforced fill materials
- Load capacities of 800 t and higher
- Robust, ductile, structurally type-tested system
- Straightforward delivery in kit form for on-site assembly
- Large base and bearing area
- Low weight due to use of lightweight materials as filling materials



Advantages

Flexibility

- In both diameter and height
- Suitable for different loads (e.g. different pipe diameters for monopoles)
- Transportable, e.g. by heavy-duty forklifts
- Easily dismantled and recyclable

Safety

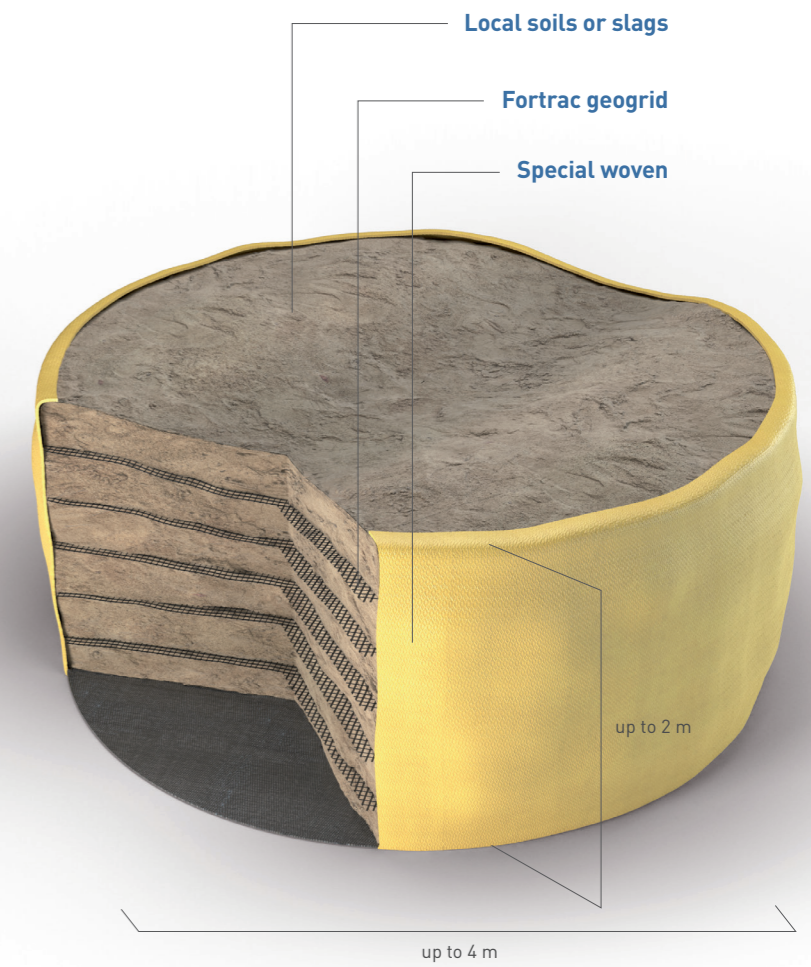
- High resistance to deformation
- Loads efficiently transmitted to ground
- Possibility of monitoring loads > 800 t
- High load capacity with minimal settlement (< 1.5% up to 800 t)

Cost-effective

- Use of local soils or slags (filled material with high shear strength, if necessary by adding binders or pozzolanic ingredients)
- Low maintenance required

Optional extras

- Base plates or belt system for transportation
- Drainage unit for hydraulic filling
- Cover for protection against rain



Fortrac® is a registered trademark of HUESKER Synthetic GmbH.
HUESKER Synthetic is certified to ISO 9001, ISO 14001 und ISO 50001.



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