

Press release

HUESKER Synthetic GmbH

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100% recyclable, 80% lighter – Basetrac Plate enables sustainable and efficient road construction solutions

HUESKER Synthetic GmbH presents Basetrac® Plate, a new, recyclable load distribution plate that combines maximum load-bearing capacity with minimum weight – for safe trafficability and soil protection in temporary construction projects.

With the new Basetrac Plate, the HUESKER Group, based in Gescher, Westphalia, is expanding its portfolio with an innovative load distribution plate that guarantees maximum load-bearing capacity with minimum weight. Developed for temporary access roads, cable routes or storage areas, it offers a sustainable solution for unrestricted trafficability and reliable soil protection – even under extreme operating conditions. Basetrac Plate is fully recyclable, up to 80 per cent lighter than conventional plates and can be laid quickly and cleanly. It thus meets the requirements of modern construction projects in terms of sustainability, cost-effectiveness and efficiency in equal measure. It can also be reused multiple times without additional maintenance.

"With Basetrac Plate, we offer our customers a load-bearing and resource-saving solution that perfectly combines handling, logistics and sustainability."

Sven Schröer, CSO HUESKER Synthetic GmbH

Innovation made in Germany

Basetrac Plate is based on a combination of HUESKER's Neolaminate® and 100% recycled plastic. The optimised fibre orientation of the Neolaminate ensures maximum force absorption with minimum weight. With a plate thickness of only 23 mm, Basetrac Plate is significantly slimmer than conventional load distribution plates and is also

completely reusable. Even under heavy loads, it ensures uniform trafficability. Thanks to efficient logistics, a single truckload can cover an area of 1,043 m² – up to seven times more than with conventional solutions. "Basetrac Plate combines low weight, high load-bearing capacity and full recyclability – a win for efficiency and sustainability on every construction site," summarises Oliver Detert, Head of Engineering Department Technology at HUESKER Synthetic GmbH.

Basetrac Plate – advantages at a glance

- Up to 80% lighter than conventional plates
- 100% recycled core, fully recyclable
- Panel thickness only 23 mm – space-saving and easy to handle
- Quick, clean installation and easy dismantling
- Coverage of up to 1,043 m² with just one lorry load

"With Basetrac Plate, we have developed a solution that makes everyday construction site work noticeably easier. Compared to conventional road slabs, it is significantly easier to transport, quicker to lay and, at the same time, extremely resilient."

Oliver Detert, Head of Engineering Department, HUESKER Synthetic GmbH

Comprehensive base course concept

The Basetrac product family offers high-performance geosynthetic solutions for a wide range of applications in base course reinforcement. Whether for permanent traffic areas, temporary access roads, work platforms or railway construction, Basetrac products provide the right combination of reinforcement, separation, filtration and load distribution. In addition to the new Basetrac Plate, the portfolio includes woven geogrids, composites made of geogrids and nonwovens, geotextile nonwovens and tape fabrics.

The Basetrac product portfolio

	Function	Special features	Typical applications
Basetrac Plate	Load distribution, floor protection	Neolaminate core, 100% recycled, 23 mm thick	Cable trays, wind farms, storage areas
Basetrac Grid	Reinforcement	Woven geogrid, PP/PET/PVA	Road construction, logistics and industrial areas
Basetrac Duo-C	Reinforcement, separation, filtration	Composite geogrid + nonwoven fabric	Permanent traffic areas, logistics and industrial areas
Basetrac Nonwoven	Separating, filtering	Geotextile nonwoven fabric, PP/mixed fibre	Base layer material separation, soil protection
Basetrac Woven	Reinforcing, separating, filtering	Tape fabric, PP	Temporary roads, construction sites

Designing environmentally conscious projects

With Basetrac Plate, HUESKER is setting new standards in temporary surface reinforcement – technically efficient, economical to use and sustainable in production.

Compare our solutions online and find exactly the right one for your project – for example, with the <https://www.huesker.co.uk/geosynthetics/services/software/basecalculator/>.

For further information, please visit <https://www.huesker.co.uk/> or [contact us](#) for a personalised consultation.

Images:

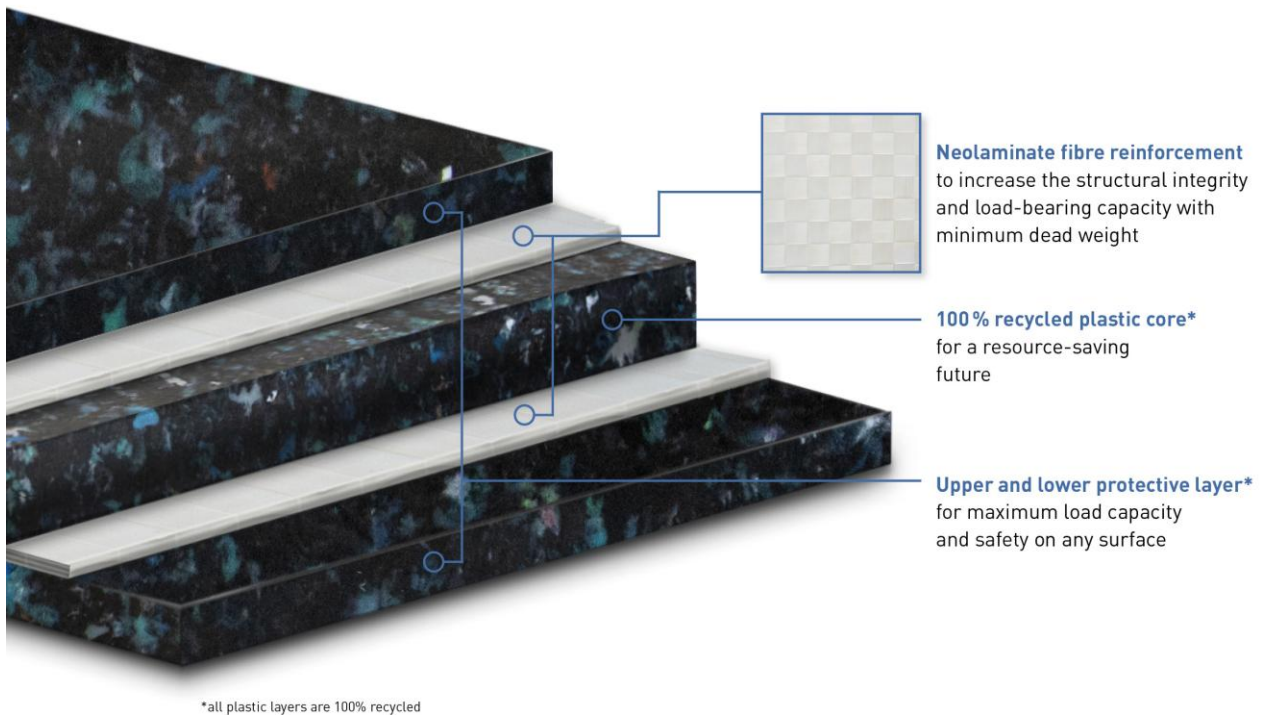


Image 1: Structure of the Basetrac Plate // Credit: HUESKER Synthetic GmbH

HUESKER Synthetic GmbH – Expertise since 1861

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

With around 500 employees, the company operates globally with 13 subsidiaries and trading and distribution partners in over 60 countries. As a pioneer in textile weaving, HUESKER has been shaping international markets for more than 160 years. The HUESKER Group replaces conventional solid construction methods with sustainable and intelligent solutions from the field of modern and high-performance technical textiles and composites.

With its products and services, the company offers solutions for earthworks and foundation engineering, road and transport infrastructure construction, environmental technology, hydraulic engineering, mining, and applications in industry and agriculture. First-class engineering services, excellent expertise in surface production, coating and finishing of technical textiles, and innovative strength are the keys to HUESKER's success. If a project is challenging, HUESKER will find a solution.

Further information is available at www.huesker.de.

HUESKER Synthetic GmbH

Fabrikstr. 13-15

48712 Gescher

Tel.: +49 (0) 2542 / 701-0

Fax: +49 (0) 2542 / 701-499

Email: info@HUESKER.de

Website: www.HUESKER.de

Management: Dr F.-Hans Grandin (Chairman), Sven Schröer