

eco
LINE



Designed to Save Resources

ecoLine Geogrid – Perfect match of sustainability and durability

 **HUESKER**
Ideen. Ingenieure. Innovationen.



More sustainable construction with the **ecoLine**

Product solutions made of high-quality PET recycled material

Protecting the resources of our planet

With the ecoLine we are the first geosynthetic manufacturer in the world to offer you high-quality geogrid solutions made of PET recycling material. Thanks to this innovation, we are making our contribution to a better recycling economy and even more sustainable construction with geogrids.

The ecoLine product solutions are characterised by their high quality and have the same performance characteristics as the original products. The recycled yarns used by us have 'proven original fibre' quality. Sustainability and durability are perfectly combined.

Making your projects even more eco-friendly

We would be delighted if we could work together in the future to make your projects even more resource-saving and environmentally friendly. For further information about ecoLine and the product solutions – HaTelit C and Fortrac T – please visit our website or contact us directly:

Feel free to give us a call: **+61 (0) 7 3088 8000**
Or send an email: **office@HUESKER.com.au**

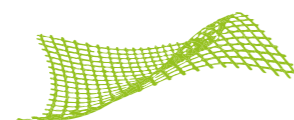


**100%
RECYCLED
PET**

100 % original fibre quality from 100 % recycled PET



A world first for more sustainable construction with geogrid



HUESKER product classics made from recycled materials



Less CO₂ emissions thanks to the reduction of primary raw materials



Saving resources thanks to production with recycled PET bottles



PET recycled yarns with proven original fibre quality



Highest quality geogrid „Made in Germany”



HaTelit® C

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Durable asphalt reinforcement for even more sustainable asphalt construction

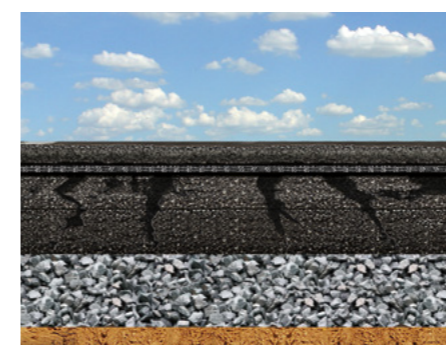


Rehabilitate traffic areas economically

The HaTelit C eco reinforcement mesh consists of high modulus polyester yarns made from 100% recycled PET bottles and an ultra-lightweight non-woven fabric. The sustainable ecoLine product variant has been proven to have the same properties as the classic HaTelit C product made from original fibres. Thanks to the ultra-modern production process, even the PET recycled yarn achieves original fibre quality.

With this product variant, we offer you a sustainable solution for the reinforcement of asphalt layers with the highest quality 'German made' geotextile. HaTelit C eco is very durable and optimally withstands permanent dynamic loads in road traffic. This is not only due to the high-quality production, but also to the special polyester properties. Extended service life, less material usage and transportation not only have a positive impact on costs of up to 40 %, but also reduces CO₂ emissions in your asphalt rehabilitation project.

Possible applications



Rehabilitation of asphalt surfaces



Permanent road and traffic areas



Rehabilitation of concrete surfaces with asphalt



The sustainable version of our product classic HaTelit C 40/17



Produced with **PET recycling yarn**, can be reused in the milled mix during dismantling



Same performance values and features as the **original**



Extends the service life of traffic areas



Particularly **resistant** to permanent dynamic traffic load



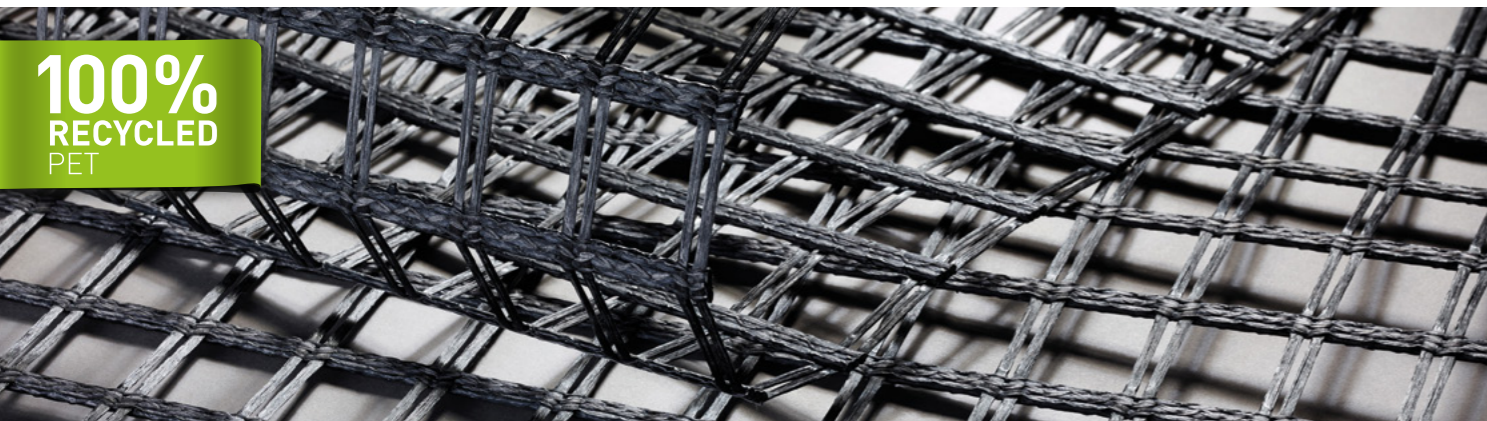
Maximum delay of reflection cracking

Fortrac® T

eco
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Now build earth structures even more sustainably



100%
RECYCLED
PET

The flexible and extremely resilient geogrid

With Fortrac T eco reinforcement grids, we offer you a sustainable solution for the reinforcement of surfaces with the highest quality 'German made' geogrid. Product performance helps you save on construction costs. The high design strength allows you to choose lower, and therefore, cheaper strengths. In the case of a dam foundation and in embankment construction, you can avoid cost-intensive earth excavation due to the reinforcing effect and also achieve area savings through over-sloping construction.

Fortrac T eco reinforcement meshes are made of high-modulus polyester yarns produced from 100% recycled PET bottles and a special protective coating. The recycled yarn used has original fibre quality and the sustainable mesh is proven to have the same properties as the classic Fortrac T product. The composite-flexible product has no weak points in the intersections, as there are no production related molecular structural changes, interlocks with the soil in the best possible way and can meet your highest project requirements.

Possible applications



Steep slopes and support structures



Bridging of Sinkholes



Embankments on Piles



The sustainable version of our product classic Fortrac T



Minimization of overlapping losses thanks to roll width of 5 m



Same performance and features as the original



Extends the useful life of traffic areas



Particularly resistant to permanent dynamic traffic load



High tensile force up to 1,600 kN/m and composite flexibility for best ground interlocking effects

HaTelit® and Fortrac® are registered trademarks of HUESKER Synthetic GmbH.

HUESKER Synthetic is certified to ISO 9001 and ISO 50001.



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