

We develop sensible and efficient solutions for a greener world.



Questions?  
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**Made in germany**  
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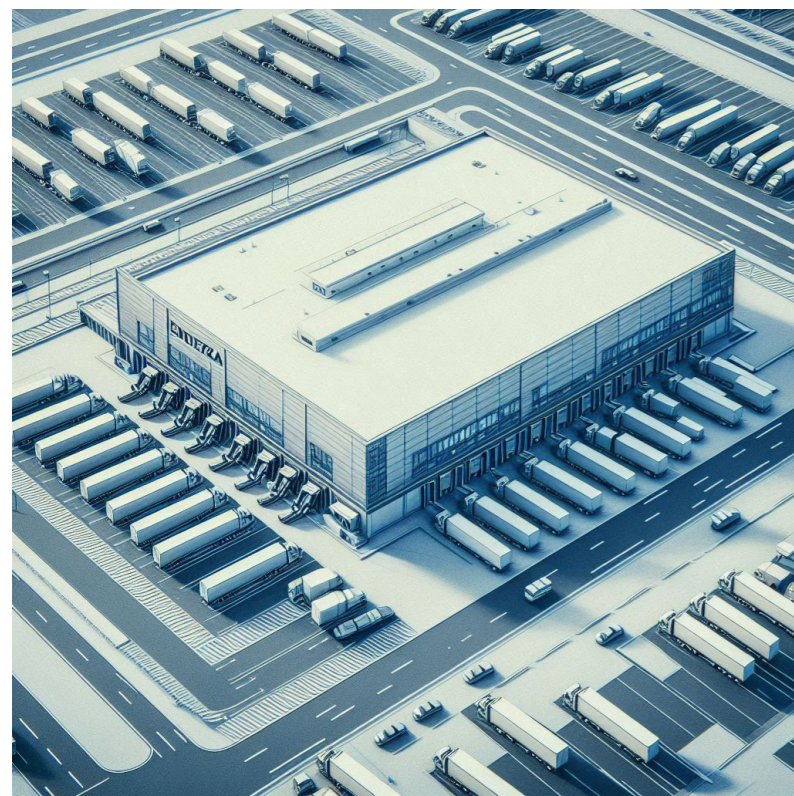
ER\_en\_E80\_2024



Truck parking spaces, turning areas, loading zones.

## ECORASTER® E80 heavy

Save your logistic areas from drowning.



# What about the rain?

Retain & seep away!

Overflowing drains, flooded areas and expensive rainwater retention measures have proven in the past that sealing-free ground reinforcement is not a fashion trend, but a necessity.

The absence of sealing is an effective and sustainable contribution to mitigating the ecological and economic consequences of heavy rainfall and high temperatures.

**A modern sponge city allows precipitation to seep away where it falls!**

For over 30 years, the ECORASTER® ground grid has been ensuring resilient surfaces that do not lose their rain retention function. This is how we combat flood risks and heat islands at the same time. Compared to asphalt and concrete, it is often possible to dispense with compensation measures, rainwater discharge and expensive drainage systems. The new **ECORASTER® E80 heavy** is our answer to the requirements of highly frequented logistics areas with heavy traffic and truck turning traffic.

The new E80, made for: Truck turning areas · Truck parking spaces · Logistics areas

## ECORASTER® E80 heavy

Recommendation for the base\*



Tip: We recommend shaking off the substructure in layers during production.

E80 filled with 8/11  
Equalizing layer, 8/11  
Base layer, 5/32

Frost protection, 16/32

Grown ground



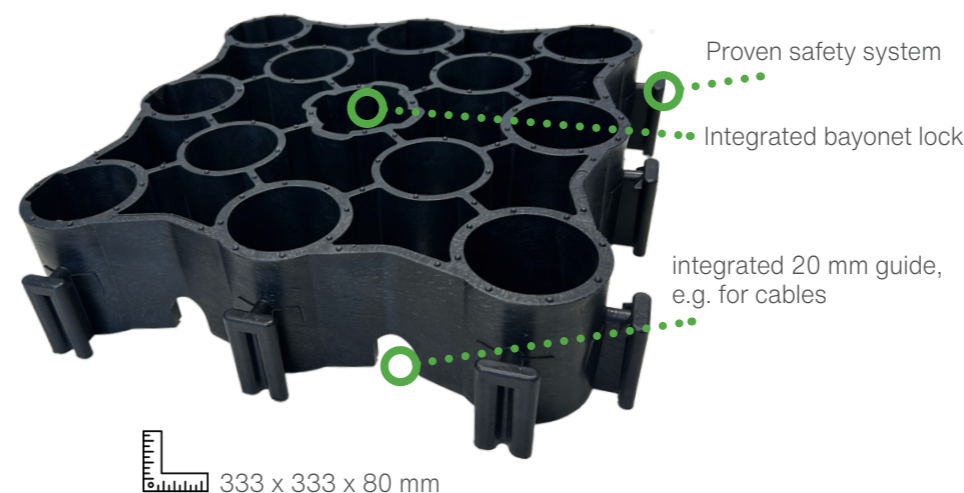
\*The height of the layers and the nature of the materials depend on the conditions on site.

The target value of the load test is at least 120 MPa on the base layer. Basetrac® Duo-C PET 30 B15 or similar can be used if the topsoil has a low load-bearing capacity or the excavation height is low.

**GREEN.  
SPONGE.  
CITY.**

ECORASTER® E80 **heavy**.

For extreme applications on the floor.



Dimensions	≈ 333 x 333 x 80 mm
Wall thickness	≈ above 5 mm ≈ bottom 7,4 to 7,9 mm
Weight/m <sup>2</sup>	≈ 18,5 kg
Weight/piece	≈ 2,02 kg
Dimensional stability	Temperature range from -50° to +90° C

Application: Truck turning areas · Truck parking spaces · Logistics areas

The new E80 heavy is designed for consistent use in “heavy-load & heavy-traffic” areas. Loading, maneuvering or turning on the spot are maximum loads that the E80 can handle powerfully. Regardless of the structure or type of load, the heavy creates seal-free logistics areas.

The E80 heavy is the sophisticated ground grid powerhouse: thanks to the integrated 4-way channel, you can easily run pipes or irrigation systems under the surface. The centrally installed bayonet lock allows you to attach different adapters. Posts, fences or other partitions can be easily installed and removed.



Moisture absorption	0,01 %
Interlock	36 notched connectors/m <sup>2</sup>
Solubility	resistant to acids, alkalis, alcohol, oil and petrol (de-icing salt, ammonia, acid rain, etc.)
Max. open surface	approx. 80 %
Material	LD-PE, recycled
Loadability	up to 800t/m <sup>2</sup> (depending on fill type)
Compressive strength	up to 20t axle load (DIN 1072)
UV- resistant and weatherproof	according to DIN EN ISO 4892-2 & DIN EN 60068-2-5
Environmental compatibility	environmental neutral according to OECD 202:2004
High durable	according to DIN EN 124:2011 (D400)
Tensile strength	> 5 kN/lfm

**Did you know?** ECORASTER® is the leading ground grid system that offers the right solution for every application with different component heights, from 30 to 80 millimetres. From the oil fields of Alaska and environmentally friendly tourist paths in Iceland to private driveways in Australia: ECORASTER® inspires its customers and partners worldwide.