



ECORASTER[®] ALTERNATIVE SURFACES

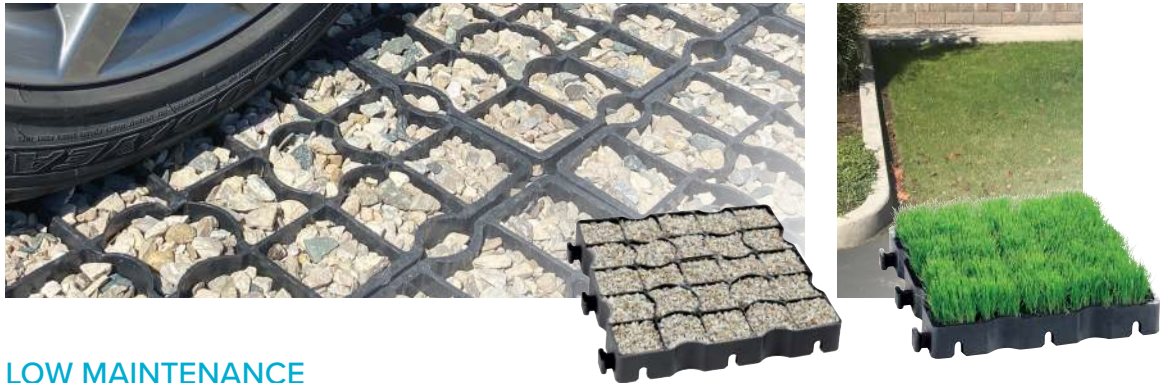
QUALITY PERMEABLE GROUND REINFORCEMENT
DISTRIBUTED BY FERGUSON WATERWORKS



ECORASTER®

E40 ALLROUND | E50 HEAVY DUTY

HIGH QUALITY PERMEABLE GROUND REINFORCEMENT



LOW MAINTENANCE

Once installed, the E40 and E50 permeable ground reinforcements require little to no maintenance. No edging required! The individual infill compartments minimize rutting and bird baths—a typical challenge with unpaved surfaces.

UNMATCHED RESISTANCE

Built to withstand whatever conditions you throw at them, these interlocking Polyethylene pads resist frost, UV damage, deicing salt, gasoline and more.

DURABLE AND DRIVEABLE

Fully drivable, both models demonstrate an actual resilience of up to 800 t/m².

RAPID INSTALLATION

E40 and E50 pieces come preassembled in approx. 14-square-foot panels for rapid deployment. A single person can install up to 1,076 square feet of pads in one hour without the use of heavy construction equipment.

THREE-STEP PROCESS

1. Lay
2. Cut
3. Fill

TYPE	DIMENSIONS (inches)	MATERIAL	WALL THICKNESS (inches)	LOAD	COMPRESSIVE STRENGTH	WEIGHT PER PIECE (lbs.)	SOLUBILITY
E50 HEAVY DUTY	13 x 13 x 2	100% recycled Polyethylene (LDPE)	0.1968	Up to 160,000 PSF (depending on fill type)	Up to 20t point axle load (DIN 1072)	2.34	Resistant to acids, alkalis, alcohol, oil and petrol
E40 ALLROUND	13 x 13 x 1.6		0.14			1.27	

ECORASTER® BLOXX

COST- AND TIME-SAVING PAVED SURFACE



INNOVATIVE DESIGN

ECORASTER® Bloxx are built with integrated anticlogging drainage for one of the best infiltration rates in the industry.

A SAFER SURFACE

Designed with accessibility in mind, Bloxx feature unique safety interlocking, which means no bumps and no tripping hazards.

SPACE FOR CREATIVITY

Bloxx come in a variety of colors—including dark gray, light gray and red—for customized layouts. Combine colors for built-in pavement markings and parking space delineation.

EASY TO INSTALL

Bloxx elements install in seconds! Simply snap together the ECORASTER® system and insert the blocks. Bloxx are even replaceable without loosening the cluster.

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BLOXX	13 x 13 x 2	100% recycled Polyethylene (LDPE)	Up to 20t point axle load (DIN 1072)	Resistant to acids, alkalis, alcohol, oil and petrol

SPECIFICATIONS

ECORASTER® products serve a broad range of applications and feature an impressive number of certifications and approvals.



LOW MAINTENANCE

APPLICATION	GREEN/MICROGREEN – VEGETATED	STONE – GRAVEL FILLED	PAVED
Roads and paths featuring foot and bicycle traffic	E40	E40	Bloxx
Paths, walkways and similar applications; car parking areas	E40 Alternative: E50	E40 Alternative: E50	Bloxx
Roads and road shoulders; all-vehicle parking areas	E50	E50*	Bloxx
Areas used with high point axle loading; truck and bus parking; helicopter landing pads	Not Recommended	E50*	Bloxx

**with 3/8"-3/4" cover*

CERTIFICATES AND APPROVALS

- UV-resistant, certified DIN EN 60068-2-5
- Point axle loading up to 20 t/m², DIN 1072:1985
- Heavy-duty, tried and tested DIN EN 124:2011
- Environmentally safe, tested OECD 202:2004
- Factory warranty: 20 years from purchase date (private use)
- NATO certified E50 - MOD / 9330-99-858-1406
- TÜV CERT
- TÜV Nord “Made in Germany”
- Numerous DOT certifications
- Army Corps of Engineers
- Department of Ecology

PRO TIP: Pair ECORASTER® products with the R-Tank underground modular system for low-profile, high-volume stormwater storage.

 **ECORASTER®**

INTERESTED?

For more information about ECORASTER® permeable ground reinforcement products, talk to your local Geo and Stormwater Specialist.

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