Product Overview

Quality Permeable Ground Reinforcement

X30 | Bloxx | E40 | E50
ECORASTER® E40 | E50
Quality permeable ground reinforcement

High quality permeable ground reinforcement. E40 Allround and E50 Heavy-Duty.

Your Benefits:

- easy and quick installation (up to 100 m² | 1,076 ft²/h per person)
- high resilience (up to 800 t/m²)
- low maintenance
- installation without heavy construction equipment
- no edging needed
- permeable ground reinforcement
- low transport and handling costs
- versatile applicable, accessories available
- weatherproof and unbreakable
- Safety interlocking, 36 notches per m²
- UV-resistant and frostproof
- driveable green area
- 20 year warranty
- German design

Easy to install:

Step 1  LAY
Step 2  CUT
Step 3  FILL
It's DONE!

<table>
<thead>
<tr>
<th>Type</th>
<th>Dimensions:</th>
<th>Material:</th>
<th>Wall thickness:</th>
<th>Load:</th>
<th>Solubility:</th>
<th>Compressive strength:</th>
<th>Weight per piece</th>
<th>Weight per m²</th>
<th>10.76 ft²</th>
</tr>
</thead>
<tbody>
<tr>
<td>E50 Heavy Duty</td>
<td>330 x 330 x 50 mm • 12.99 x 12.99 x 1.97&quot;</td>
<td>100% recycled Polyethylene (LDPE)</td>
<td>5 mm • 0.1968&quot;</td>
<td>up to 800 t/m²</td>
<td>resistant to acids, alkalis, alcohol, oil and petrol (de-icing salt, ammonia, acid rain, etc.)</td>
<td>up to 20t point axle load (DIN 1072)</td>
<td>1.06 kg • 2.34 lbs</td>
<td>9.55 kg • 21.05 lbs</td>
<td></td>
</tr>
<tr>
<td>E40 Allround</td>
<td>330 x 330 x 40 mm • 12.99 x 12.99 x 1.57&quot;</td>
<td>3.6 mm • 0.14&quot; (depending on fill type)</td>
<td>up to 800 t/m²</td>
<td>up to 20t point axle load (DIN 1072)</td>
<td>resistant to acids, alkalis, alcohol, oil and petrol (de-icing salt, ammonia, acid rain, etc.)</td>
<td>0.58 kg • 1.27 lbs</td>
<td>5.22 kg • 11.50 lbs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ECORASTER® Bloxx
With integrated „no-clogging“ drainage

Paved surface with easy installation
Save money, time, and maintenance

**How it works:**

- Clog-free drain system
- Be Creative! ECORASTER® Bloxx fits into the ECORASTER® system.
- Thermal expansion is compensated by the expansion elements
- Unique safety interlocking, NO bumps, NO trip hazards!
- Colorful: Dark grey, light grey, red, white... combine as u like.
- Clogging? Not possible!

**Easy to install:**

- Fully accessible!!!
- Bloxx Paver Elements, replaceable without loosening the cluster (e.g. exchange dirty paver)
- ECORASTER® Bloxx, unpack, snap together, and drop the blocks in. No need to tuckpoint the joints!

**Type:** Bloxx

| Type   | Dimensions: 330 x 330 x 50 mm • 12.99 x 12.99 x 1.97” | Material: 100% recycled Polyethylene (LDPE) | Paver colors: red, white, dark grey and light grey | Solubility: resistant to acids, alkalis, alcohol, oil and petrol (de-icing salt, ammonia, acid rain, etc.) | Compressive strength: up to 20t point axle load (DIN 1072) | Weight per m²: approx. 85 kg • 187.39 lbs (incl. pavers) |

**Additional features:**

- Safety Locking System
- High infiltration rate
- Quick Installation
- Low maintenance
ECORASTER® X30
Hardscape Base Stabilizing System

A heavy duty linking grid system that allows you to build stronger hardscapes by stabilizing the base material.

Your Benefits:

- Up to 50% base reduction in excavation
- Up to 30% labour cost savings
- Wider pin-point load dispersal
- Reduced warrantee call-backs from shifting and sinking
- Reduced risk of poor sub-base compaction
- Sustainable, efficient, and profitable!

Easy to install:

Applications:

- Heavy Duty Base Stabilization
- Permeable Base Stabilization
- Interlock Driveway Base Support
- Permeable Interlock Concrete Paving Installation

Questions? Give us a call:
+1-800-495-5517 (Toll Free)

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<th>Material:</th>
<th>Wall thickness</th>
<th>Load up to:</th>
<th>Solubility:</th>
<th>Compressive strength:</th>
<th>Weight per m²</th>
<th>Weight per 10.76 ft²</th>
</tr>
</thead>
<tbody>
<tr>
<td>X30 Base Stabilizer</td>
<td>330 x 330 x 30 mm • 12.99 x 12.99 x 1.18&quot;</td>
<td>100% recycled Polyethylene (LDPE)</td>
<td>0.2 in</td>
<td>23 t/ft² (unfilled) 75 t/ft² (filled)</td>
<td>resistant to acids, alkalis, alcohol, oil and petrol (de-icing salt, ammonia, acid rain, etc.)</td>
<td>up to 20k point axle load (DIN 1072)</td>
<td>0.77 kg • 1.7 lbs</td>
<td>6.93 kg • 15.3 lbs</td>
</tr>
</tbody>
</table>
ECORASTER® Application | GREEN / MICROGREEN | MINERAL | Bloxx
--- | --- | --- | ---
Roads and paths used only for pedestrians and bicycles may use this | E40 alternative: S50 | E40 alternative: S50 | ✔
Paths, walkways and similar applications, as well as car parking | E40 alternative: E50 or S50 | E40 alternative: E50 | ✔
Roads, road shoulders and parking lots used for all types of vehicles | E50 | E50* alternative: E50* | ✔
Areas used with high point axle loading e.g. warehousing (forklifts and trucks), truck parking lots, bus parking, helicopter landing pads. | --- | E50* alternative: E50* | ✔

Installed and unfilled, the ECORASTER® system can be driven on with heavy wheeled vehicles (EN 124 / D400 | except Bloxx).

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“

Safety interlocking system
Effective safety snap connections are quick and easy to install.

Deploy without expansion joints
Not affected by temperature variations due to the integral expansion elements.

Accessories
PURUS offer accessories for ECORASTER® ground reinforcement systems, including hinge and curve adaptors as well as parking markers.

Please note:
Please read the manual/ check our website for more information!
1 m² = 10.764 ft²
Developing sustainable solutions for a permeable ground reinforcement.

German engineering – installed worldwide.
Questions? Please give us a call:

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800 495 5517

ECORASTER® is a PURUS PLASTICS GmbH brand.
Subject to change without prior notice. E. & O. E.

Version Av1_2015