



BERA  GRASS FIX
eco⁺

Grass Stabilization System



BERA[®]

BERA® Grass Fix Eco+ – The Sustainable Solution for Reinforced Green Spaces

BERA® Grass Fix Eco+ is a **high-strength, eco-friendly** solution for stabilizing grassed areas like **overflow parking, emergency roads, and pathways**. Made from recycled materials, it supports sustainable urban development.

Unlike concrete pavers that trap heat and dry out grass, BERA® Grass Fix Eco+ is low thermal conductive HDPE, keeping surfaces cooler and comfortable. Its secure interlocking system ensures stability while absorbing temperature expansion.

Applications:

- Urban landscaping & residential gardens
- Parking areas & service access routes
- Paddocks & equestrian grounds

Features and benefits of BERA® Grass Fix Eco+:

- Eco-Friendly & Circular** – Made from **recycled household waste**, fully recyclable
- High Load Capacity** – Supports **170 T/m²**, truck-accessible
- Smart Design** – **Anti-slip honeycomb modules** (55 x 38 cm, 3.1 cm depth)
- Secure Interlocks & Built-in Anchors** – Prevents shifting for stability
- Permeable & Moisture-Retaining** – Promotes healthy grass growth
- Easy Installation** – Customizable for trees, shrubs, and fences
- Certified Quality** – Compliant with REACH, ISO 9001, ISO 14001 and EPD

BERA® Grass Fix Eco+ offers a **durable, grass-friendly reinforcement** for long-lasting green spaces.



📍 for grassed parkings & driveways



📍 UV stable



📍 Circular product

Environmental and Engineering Excellence

Manufactured in the Czech Republic under strict **quality and environmental controls**, BERA® Grass Fix Eco+ transforms household waste into a high-strength, fully recyclable stabilization solution. A **streamlined logistics network** reduces our **carbon footprint**, reinforcing our commitment to sustainability.

With a **31 mm deep open-cell structure**, it ensures **exceptional strength** while supporting healthy grass growth. **Integrated anchors and interlocking** provide **stability**, making it ideal for **slopes and heavy-duty use**.

Proper **site preparation and drainage** ensure **long-lasting durability and performance**.

TECHNICAL SPECIFICATION*

GENERAL

Material	: Recycled High Density PolyEthylene (HDPE)
Manufacturing technique	: High precision injection moulding
Manufacturing standards	: REACH, ISO9001, ISO14001, EPD
Application standards	: DIN 14090
UV and frost resistance	: Included
Colour	: Green or grey
Cell structure	: Honeycomb
Anchors	: Integrated
Interlocking	: Secured interlocking

PHYSICAL DATA

Standard sheet size	: 55 x 38 x 3.1 cm
Standard size incl. anchor height	: 55 x 38 x 5.1 cm
Tolerance dimensions	: +/- 2%
Surface per sheet	: 0.21 m ²
Quantity per m ²	: 4.76
Quantity of sheets / m ² per pallet	: 140 sheets / 29.4 m ²
Weight per sheet, approx.	: 0.9 kg
Weight per m ² , approx.	: 4.3 kg
Strength, empty EN 124-1:2017	: 170 T/m ²
Thermal expansion	: Please check @ BERA for details

*All data are subject to change without further notice

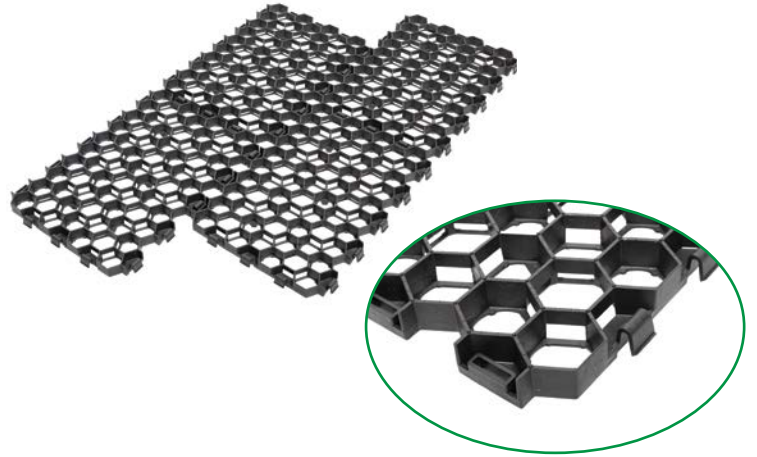


All household waste is collected, separated and cleaned for further processing



After cleaning and cutting the assorted raw material is processed into granules for injection processing

LAYING INSTRUCTIONS



1. Foundation

The foundation method depends on **soil conditions and expected load**. Specialists should determine the ideal setup for optimal results. General guidance:

A **20–40 cm compacted crushed stone and gravel base** (depending on load) ensures permeability. For vehicle use, a **300–500 g/m² non-woven geotextile** should be placed over the compacted layer to prevent instability.

2. Base preparation for BERA® Grass Fix Eco+

A **5–7 cm leveled layer of mixed sand and crushed stone** should be placed over the geotextile. **Levelling should be done above 3°C**. **Edging is required** to prevent shifting—BERA® Edging Systems (available upon request) include stakes for quick installation. To allow for expansion in high temperatures, leave a minimum of **5 cm gap** between edges and obstacles.

3. BERA® Grass Fix Eco+ sheets

Once the foundation, base, and edging are complete, sheets can be **laid quickly in a stretcher bond pattern** for added stability. **No tools required**—pallets of **140 sheets (29.4 m²)** can be positioned near the working area. Integrated anchors provide additional stability, and extra anchoring may be needed for slopes. If adjustments are required, use a **handsaw or circular saw**. Light compaction may be applied if necessary.

4. Grass

Use **drought-resistant grass** suited to local conditions. Fill **honeycomb sheets with a 40/30/30% mix** of sand, peat, and soil, then water before sowing. Apply **fertilizer and water regularly** to encourage even growth. Over time, the soil will settle **by about 1 cm**, leaving space for grass to grow without damage. Maintain with **regular watering, fertilizing, and cutting**.





BERA® is the trademark of BERA B.V. of The Netherlands, a company which develops stabilization systems, eco systems and prestigious outdoor living concepts.

With the company's historical roots & wealth of know-how in landscaping and architectural fields, they create innovative and environmentally sustainable solutions, supplied throughout Europe, the Middle-East, South Africa and S-E Asia regions.

Contact Us

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