

Technical specifications

Material:	recycling granulate, Polyethylen (HDPE)
Dimensions:	Size: 50 x 50 cm ± 2% Honeycomb height: 3,8 cm ± 2% Wall thickness: approx. 2,7 – 3,2 cm ± 2%
Requirement:	0.250 m ² / piece 4 pieces = per m ²
Resilience:	150 t/m ²
Weight:	approx. 1.2 kg = per lawn grid approx. 4.8 kg = per m ²
Colour:	Green shade
Ground sealing:	Prevented by the honeycomb grid stone design with large openings.
Surface structure:	Honeycomb structure with antiskid nops
Laying time:	approx. 30 to 40 m ² per hour
Filling:	Soil or mixture with grass (grass share of total surface approx. 80 to 90%). Granulate with grain size up to approx. 20 mm edge length.
Packaging/Pallet:	Palleting 1 (stretched): 116 pieces = 29 m ² Disposable pallet: 100 x 100 x 125,2cm Total weight: approx. 150 kg Palleting 2 (stretched): 240 pieces = 60 m ² Disposable pallet: 100 x 100 x 243 cm Total weight: approx. 300 kg

Warranty

Subject to deviations in colour and size etc. within normal limits. Please observe local building rules and regulations. Our recommendations do not release anyone from their obligation to check our products responsibly and in a proper manner. In case of doubt, please ask us for special advice. All data and diagrams based on information provided by the manufacturer.

Technical modifications reserved.

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Product range

In addition to our **guttagarden lawn grids green**, we also have many other useful products for buildings, gardens and DIY applications:

- **guttanit corrugated bitumen sheets** for roofs and walls in many different styles and colours.
- **guttatec bitumen shingles** with numerous possible applications in various shapes and colours.
- **guttabeta star dimpled membrans** for improved safety when protecting foundation walls, base courses, etc.
- **guttagliss corrugated sheets** of polyester, PVC, polycarbonate and acrylic resin in various corrugations with matching installation accessories.
- **guttagliss twinwall sheets** made of polycarbonate and acrylic resin with good insulating characteristics and matching installation systems of plastic or aluminium.
- **guttagliss panel and easy click plus twinwall panels** of PVC or polycarbonate with tongue-and-groove joint.
- **guttagliss flat sheets** from polystyrene or acryl, smoothly or structures for different areas of application, inside and outside.
- **guttagliss alutec system roof.** The professional complete solution to build by yourself. For terrace, balcony, carport and pergola.
- **guttagarden**, garden accessories, a copious range of planters, rain-water butts, garden foils, garden tiles, etc.

Please ask for our comprehensive informative material!



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guttagarden Lawn grids green

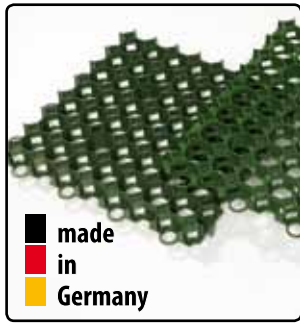


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guttagarden®

Ecological and economy priced traffic areas



made
in
Germany

Properties

- can be shaken
- UV stabilized
- temp. resistant up to +60 °C
- weather-resistant
- frost-resistant
- lawn component 80 - 90 %
- fixed links in polysurface

Applications

- Driveways
- Private parking spaces
- Carports
- Storage areas
- Garden paths
- Strengthening pavements
- Strengthening shoulders
- Securing slopes
- Protecting stream/river banks
- ... and your own ideas



Material

guttagarden lawn grids made of recycled polyethylene (HDPE) can be shaken and are the perfect solution for park areas, driveways and paths. With the standard ground anchors, the lawn grids are also ideal for fixing embankments and shoreline areas. The components of the product are, of course, ecologically safe, safe to health and 100 % recyclable. The open structure allows deep rooting into the ground through the grid. This means that a solid, permanent green area offers stability and protection and does not impair the natural moisture levels of plants. If professionally laid, the bars of the grid are evenly covered by the grass creating the impression of a normal grass area and protecting the product against direct UV radiation. **guttagarden lawn grids** are produced in Germany under strict quality controls and high production standards.

Handling

You can cut the lawn grids easily with a common right-angle grinder or jigsaw. A sturdy border has to guarantee the side strength before shaking up the surface. For vehicle parking areas, a 30 cm thick crushed stone or gravel bed also been carefully shaken is sufficient. When grassing the area, a sufficiently thick mixed layer with grass soil is laid before laying

the lawn grids in order to create an nutritive base for the roots. The lawn grids are laid by simply interlocking them, whereby even more stability can be achieved by offsetting laying across the main driving direction. The whole surface is shaken after laying while the side border mentioned above provides the necessary hold.

After laying the lawn soil, the seeds are sown (following the seed supplier's specifications) or the turf is rolled. The area has to be evenly watered after sowing the seeds. The grass parking area can be released for use after approximately 6 weeks. This waiting period does, of course, not apply to roll turf or alternative filling with gravel.

Green areas

- **Fully covered after sowing grass seed or laying grass strips**
- **Green share approx. 80 to 90 %**
- **High static load capacity**
- **Immediate full load capacity after laying**
- **no damage due to the grids**



Environmental protection

While using guttagarden lawn grids, you can avoid additional surface sealing for which many local authorities already impose a tax on covered over, asphalted and concreted areas. This is not the case with grass grids, meaning these areas would be freed from taxation. In addition, they provide a valuable contribution towards flood control, so that the precipitation no longer flows into the sewage system and therefore too quickly into the rivers, but rather seeps away evenly, supporting the natural ground water balance. More proportion of green area increases the quality of life.

Advantages

- In comparison to concrete stones, the plastic does not absorb any moisture which therefore remains longer in the ground. This means that dry grass is avoided.
- The grass is rooted deep into the ground avoiding frequent grass renewal
- Easy and fast to lay
- Secure locking system snapped in from above
- Secured to each other with pluglocks, therefore no slipping or jumping out of the joins.

Recommendation for laying and greening



- **Honeycomb filling**
Filling with soil
- **Green matting**
with anchor
- **Matting bed**
Chippings/sand mixture or crushed stone sand/sand mixture, water permeable
- **Filter webbing**
for separation water permeable
- **Sub-base**
Gravel or crushed stone mixture 0/32 to 0/45 grain, not bound, water permeable depending on the loading approx. 15 cm (ways and parking areas) to approx. 30 cm (car platform)