

**"FIX IT GREEN WAY" IS THE THE ANSWER TO YOUR DRIVE-WAY ISSUES AND NEEDS. COME AND SEE**

**REASON'S FOR GETTING A GREEN WAY**

- **NO PERMITS OR ZONING ISSUES**
- **BEAT ALL ASPHALT DRIVEWAYS BY 50% OR MORE**
- **THIS IS A " GREEN PRODUCT" HELPING OUR EARTH**
- **NO MAINTENANCE , YOU PUT DOWN & DRIVE.**



**FIX IT " GREEN WAY" – protects against erosion and allows for intensive use of grassed areas by pedestrians and vehicles**

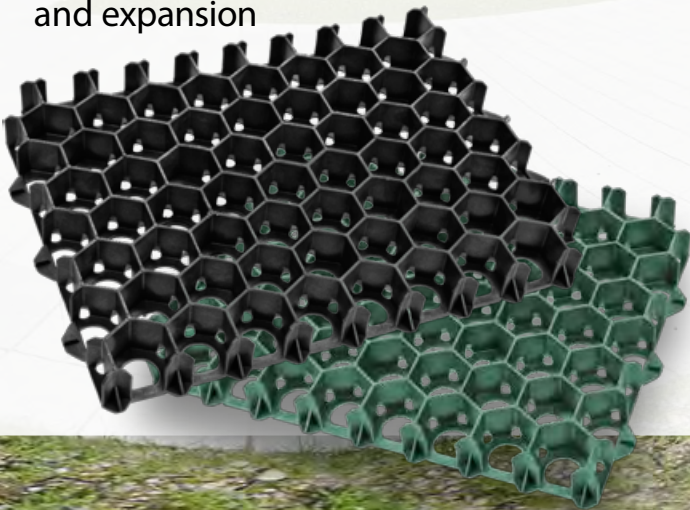
**CORE GRASS  
55-45**



# Protection and stability

## The advantages at a glance

- Suitable for grassed fire brigade access routes
- CORE Grass can cope with loads of up to 827 t/m<sup>2</sup>
- For grassed utility areas of all kinds
- CORE Grass is water-permeable in the long term
- Protects the substrate against compaction
- CORE Grass protects against erosion
- The height of the honeycombs allows optimal grass growth
- Stable anchorage using ground spikes
- CORE Grass is resistant to temperature, deformation and expansion



### **Open-pored**

CORE Grass honeycomb lawn protection does not seal the soil, enabling grass to establish itself over the whole area.

Optimal nutrient exchange is ensured by the structure and holes between the cells of the honeycomb. Open side walls prevent temperature-related horizontal shifting of the panels.



## For grassed fire brigade access routes

The technical details of CORE Grass honeycomb lawn protection mean grass can grow optimally across the full surface, so that the honeycomb itself becomes almost invisible by the end of the first growing season.



## For a wide variety of different outdoor areas

CORE Grass honeycomb lawn protection offers adequate stability and can be used safely even in wet weather. Ideal for a second parking space for guests on the lawn, a parking area for a mobile home, boat or all-purpose trailer, or a path across a lawn that can be used under all weather conditions.



## For golf courses and utility areas

Where surfaces are to be planted for optical or ecological reasons or where they are in temporary or constant use, CORE Grass is the ideal reinforcement system. Maintenance is the same as for a normal lawn.



### Broad surface green

CORE Grass promotes broad surface green by the end of the first growing season.

# Installation examples



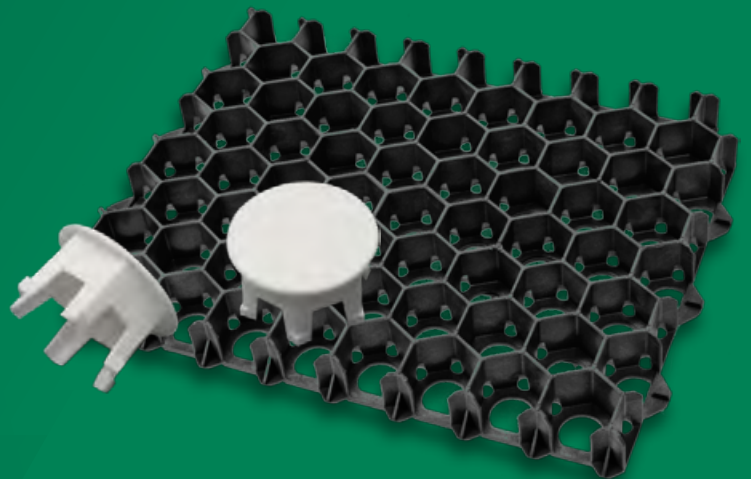
There are many areas in the vicinity of buildings and facilities which could benefit from being grassed over. CORE Grass helps to make these areas usable long-term and protects them against damage.



It is not only useful for large areas. CORE Grass honeycomb lawn protection is equally versatile when used for small surfaces.

### Clearly demarcated.

The CORE Grass markers are designed in such a way that they can be inserted into the CORE Grass panel cells even after they have been filled at any points where they may be required. Various marking angles can be produced by the various arrangements possible.



# Instructions for installation and maintenance



## 1. Base course

A base course is needed as a substrate for installation of CORE Grass honeycomb lawn protection. This will serve to distribute the traffic load to the substrate.

The below is recommended, however should be adjusted to suit your area.

Base course of at least 15 cm depth should be applied and compacted. We recommend 0-36 or 0-40 mm gravel (strong enough to bear the applicable weight needed, road crush may be suitable).

For areas that require extra frost protection or have a soft underground, increase this layer by at least an additional 20 cm.

## 2. Installation bed

The most suitable installation bed is a gravel/sand mixture 0-4mm until 0-11 mm substrate, mixed with fertilizer in equal parts. The mixture should be water-permeable, with a stable structure and offer good root penetration. Where an area is normally not or only temporarily used by vehicles, e.g. fire brigade access, a small amount (max. 15% by volume) of pre-screened

topsoil can be added. The installation bed with a depth of approximately 5cm must be levelled. To promote growth, an organic fertilizer, e.g. Oscorna-Animalin or a synthetic long-term fertilizer such as Floranid-Permanent (approx. 20g/m<sup>2</sup>) can be mixed in.

## 3. Installation

It is recommended to install the panels as part of an interlocking grid. This infinite pattern within a grid of selected dimensions ensures minimal wastage. Borders used as additional shear protection or to ensure a flush edge for grass-cutting purposes should be at a distance of approximately 1 cm from the covering. For daily use parking lots, you can look to use CORE gravel and grass for the installation, this will help with the maintenance of grass in busy areas.

**Tip:** The honeycomb lawn protection can be cut with a skills saw with fine-tooth blade.

## 4. Infilling

Substrates with a high water capacity (> 50% by volume) and adequate air capacity (≥ approx. 10% by volume) should be used when there is a need for a relatively thin layer of vegetation. Substrates based on approximately 50% by volume of a low-salt (max. 3 g salt/l), mature, vegetation-compatible compost mixed with open-pored mineral substances (e.g. brick fragments, lava/pumice) are recommended.

**Tip:** Where a surface with gravel infill is desired, we recommend our specially developed CORE Gravel with infill of 5 mm - 15 mm of gravel

## 5. Greening

If the surface is to be covered with **ample vegetation**, a gravel turf mixture with a stable structure and a grain size of approximately 0-16 mm with organic fertilizer and approximately 10 – 15% topsoil is ideal for use as infill material. Seeding or hydro-seeding is recommended. Turf is only recommended for areas intended for immediate, limited and temporary use. The 1.5 – 2 cm deep turf is rolled into the loosely filled cells, using a static roller.

CORE Grass as an interlocking installation



Angle examples for marking with CORE Grass markers

The infill should always be loose to prevent excessive compaction.

## 6. Maintenance

A certain amount of maintenance is required to sustain long-term vegetation.

**We recommend 3-4 cuttings before allowing traffic on our system.** At the time of acceptance, the average projected coverage should be 50 – 75%, depending on the lawn protection method used.

Depending on the season, the growth phase will be approximately 2 months. During drought periods, 5 litres of water per m<sup>2</sup> will be required on a regular basis, 4 times a week.

Once the growth phase has begun, a full mineral fertilizer is to be used. Once the grass has grown to approximately 5 – 8 cm above the upper edge of the CORE Grass honeycomb lawn protection, it should be cut back to approximately 3 cm to promote the growth of the lower-level grass.

Any settlement of the substrate should be compensated for by brushing in washed sand 0 - 2 mm or fine gravel 2 - 5 mm.

A second dose of fertilizer such as Nitrophoska-Perfekt at approx. 15 – 25 g/m<sup>2</sup> should be added a year later to boost vegetation.

*The installation instructions are only for information purposes.*

*They may need to be adapted to local and climatic conditions.*

### Panel format:

L, W, H, | 500 x 390 x 45 mm

### Installation format:

Same as panel format

### Requirements per m<sup>2</sup>:

approx. 5 panels

### Weight per panel:

approx. 1.1 kg

### Weight per m<sup>2</sup>:

approx. 5.5 kg

### Material:

HD-PE regranulate, unmixed, environmentally neutral

### Colors:

green, anthracite.  
Special colours on request

### Connection system:

The panels will automatically stabilize each other once installed.

### Accessories:

CORE Grass markers for labelling utility and parking areas.  
Standard color white

### Pallet content:

approx. 24 m<sup>2</sup> or 36 m<sup>2</sup>

### Pallet format:

L, W, H | 120 x 80 x 145 or 215 cm

### Pallet weight:

150 or 220 kg

### Infill material requirements:

approx. 45 l/m<sup>2</sup>

### Load:

According to the guidelines for fire brigade access routes  
1,000 kN/m<sup>2</sup>  
(LGA Bavaria No. 79202396 and MK 3503513/2)

## Hotline

If you should have any questions, please contact: Tel 1.855.777.CORE (2673)  
info@coregravel.ca

## Our local service

Installation instructions and advice can also be provided on site to support a customer's project or when first using the product.

## Installation bed and infill:



3. Substrate mixture such as sand, topsoil, green compost



2. Installation bed, gravel/sand mixture with added fertiliser (3 – 5 cm)

1. Stable, water-permeable base course (15 cm+ or 35 cm+ for frost protection)

