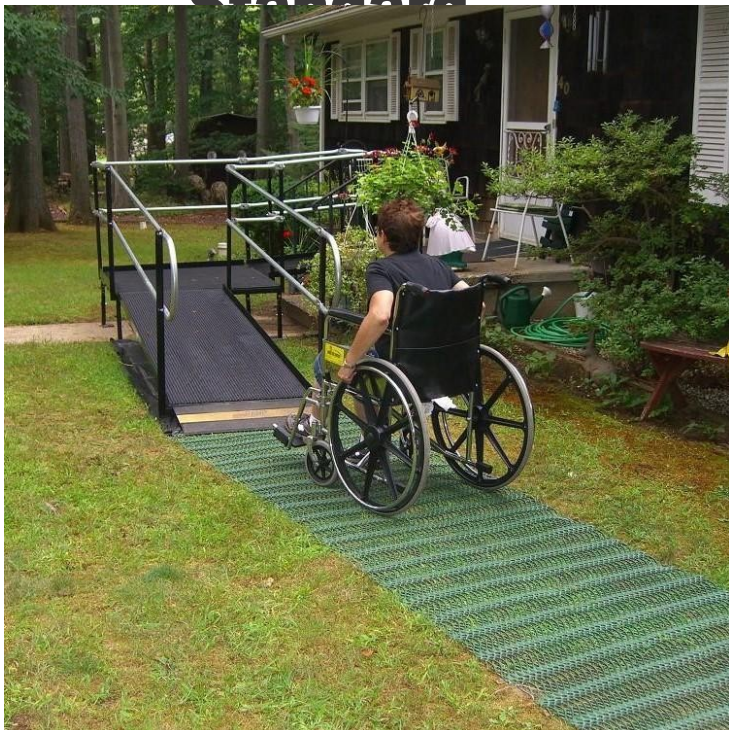


# TERRAM GRASSPROTECTA

## Standard



## Description

GrassProtecta® is a heavy-duty, drive-over plastic grid for protecting lawn surfaces from wear and tear and rutting. GrassProtecta® also protects against soil compaction, ensuring that the subsoil can absorb water naturally despite heavy loads. As the grass can grow through the open grid structure of the lawn grid, the green space retains its natural appearance but can still withstand heavy loads. The lawn grid only reaches its full load-bearing capacity once the turf has grown through it.

The wave-shaped structure of the lawn grid prevents localized stress on the soil, as the weight is distributed over a larger area. In addition, the structure significantly increases adhesion, which provides greater safety when driving or walking on the lawn.

## Function

GrassProtecta® lawn grids can be laid on existing green areas as well as on newly laid lawns. GrassProtecta® is mainly used for the permanent protection of lawns that are subject to vehicle traffic, such as parking lots and paths. The turf grows firmly into the grid structure, enabling it to withstand heavy loads (2 tons/axle).

Of course, GrassProtecta® can also be used on a temporary basis. For example, the lawn grid is used to protect lawns at festivals, concerts, and outdoor events of all kinds. The grid reliably protects heavily used areas such as parking lots and main paths from wear and tear, enabling guests to enjoy a mud-free concert experience.

## Advantages

- The lawn protection grid prevents localized stress on the soil.
- Also protects against soil compaction.
- The wave-shaped structure of the grid increases adhesion.
- The weight is distributed over a large area.
- Overall, greater safety when driving or walking on lawns.

## Applications



# TERRAM GRASSPROTECTA

## Standard Technical data



### Mechanical properties

|                                                 |                                  |
|-------------------------------------------------|----------------------------------|
| Tensile strength (EN ISO 10319) kN/m            | 12 kN/m (-1.2)                   |
| Maximum tensile elongation (EN ISO 10319) in %  | 30 (±5)                          |
| Residual thickness at 500 kPa (ASTM D1621) in % | 45                               |
| Slip resistance PTV value (BS7976: 1-3)         | >40 (low slip resistance)        |
| Raw material                                    | HDPE (high density polyethylene) |
| Color                                           | Green                            |
| Structure                                       | Oscillating                      |
| Mesh size                                       | 3 : 1 ratio                      |
| Thickness                                       | 11 mm                            |
| Load capacity (depending on surface)            | up to 2 tons/axle                |
| Weight                                          | 1.2 kg/m                         |
| Microbiological resistance                      | No influence                     |
| Resistance to acids/alkalis                     | No influence                     |
| UV resistance                                   | Yes                              |

## Notes

GrassProtecta® lawn grids are quick and easy to install. The material is rolled out on as level a surface as possible and secured with our fastening hooks. The area can be driven on immediately after installation and can be maintained as usual.

We recommend laying the grid during the growing season. This allows the grass to grow quickly through the grid and the roots to form a tight and stable connection with the lawn grid.



| Artikel       | Rollengröße | Für 1 Rolle empfehlen wir  | Jede weitere Rolle         |
|---------------|-------------|----------------------------|----------------------------|
| GrassProtecta | 2m x 20m    | 200 U-Pins (4 Beutel à 50) | 150 U-Pins (3 Beutel à 50) |
| GrassProtecta | 2m x 10m    | 100 U-Pins (2 Beutel à 50) | 100 U-Pins (2 Beutel à 50) |
| GrassProtecta | 1m x 10m    | 50 U-Pins (1 Beutel à 50)  | 50 U-Pins (1 Beutel à 50)  |

As part of the process of continuous improvement, EcoTrade Leipzig GmbH reserves the right to change the properties listed here without notice.