

TERRAM GRASSPROTECTA Premium



Description

GrassProtecta® Premium is a heavy-duty plastic grid for securing and protecting lawns. The grass protection grid provides reliable ground protection even under heavy vehicle loads (up to 8 tons/axle, depending on local conditions).

It protects against soil compaction and thus ensures natural water absorption by the subsoil. Track ruts and mud puddles are avoided by using GrassProtecta®. The oscillating structure of the plastic grid prevents localized stress on the ground, as the weight is distributed over a larger area. In addition, traction is significantly increased, which provides greater safety when driving on and barrier-free use of the lawns.

Function

GrassProtecta® can be used on existing green spaces as well as on newly laid turf. Thanks to its high load-bearing capacity (up to 8 tons/axle), GrassProtecta® Premium is particularly suitable for the permanent protection of green spaces that are used, for example, as grass parking lots, access roads, camping sites, and much more.

When installed permanently, the turf grows together with the grid structure to form a highly resilient surface that is then barely visible. The lawn grid only reaches its full load-bearing capacity once the turf has grown together. Temporary use is of course also possible. For example, the lawn grid can be used to protect lawns at festivals.

Advantages

- The lawn protection grid prevents localized stress on the ground, as the weight is distributed over a large area.
- Provides additional protection against soil compaction.
- The wave-shaped structure increases traction.
- GrassProtecta® reliably protects heavily used areas such as parking lots and main paths from wear and tear.
- Enables mud-free concert visits.
- Overall greater safety when driving or walking on lawns.

Applications



TERRAM GRASSPROTECTA Premium

Technical data



Mechanical properties

Tensile strength (EN ISO 10319) kN/m	16 kN/m (-1.6)
Maximum tensile elongation (EN ISO 10319) in %	35 (±10)
Residual thickness at 500 kPa (ASTM D1621) in %	60
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	14 mm
Load capacity (depending on surface)	up to 8 t/axle
Weight	2.0 kg/m²
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 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 a` 50)	150 U-Pins (3 Beutel a` 50)
GrassProtecta	2m x 10m	100 U-Pins (2 Beutel a` 50)	100 U-Pins (2 Beutel a` 50)
GrassProtecta	1m x 10m	50 U-Pins (1 Beutel a` 50)	50 U-Pins (1 Beutel a` 50)

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