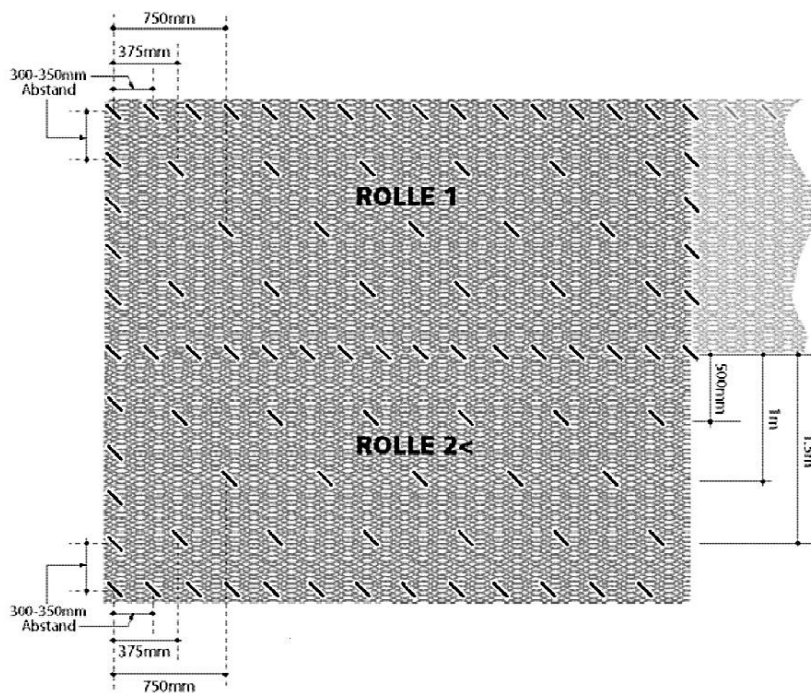


Installation recommendation for

Flexible floor protection grid

Protection of green spaces for permanent use

The fall protection mat is a strong, flexible, and durable plastic grid that we manufacture from an environmentally neutral elastomer mixture in 2 x 10 m rolls. The flexible ground protection grid can be laid quickly and easily for permanent use by rolling it out on existing or newly laid lawns and securing it to the ground with plastic pins. The grass can grow through the grid and the green areas secured with the ground protection grid can then be maintained and mowed as usual. The laid area quickly grows back into a closed, natural green lawn and the grass roots connect with the ground protection grid to create a resilient, natural green lawn for intensive use. The flexible ground protection grid can be laid all year round at outdoor temperatures of 5°C or above, and depending on the conditions, it takes approx. 6–9 months for the lawn and ground protection grid to grow together over the entire area. Therefore, the intensive growth phases of the lawn in spring and fall are recommended for laying and rapid ingrowth.



FASTENING: The ground protection grids can be easily and securely fastened to the ground. The large head of the pins lies flat against the grid. This prevents tripping hazards and possible injuries when using the BodenMat™ as fall protection mats.

We offer the pins individually or in bags of 100 (for 1 roll 2x10m).

EcoTrade Leipzig GmbH cannot be held liable for damage to this product caused by incorrect installation or misuse. Failure to observe the installation /load recommendations does not constitute grounds for complaint.



BODEN VORBEREITEN



AUSLEGEN



BEFESTIGEN



NUTZEN

Installation recommendation for

Installation on existing lawns **safety mats**

1. The surface of the ground should be relatively level, water-permeable, and stable in order to meet the planned use and load. Mow the lawn as short as possible to 10–20 mm, fill in any uneven areas with sandy topsoil, and reseed these areas with grass seed.
2. Lay the rolls out on the prepared lawn and secure the start of the roll with the pins. Roll out the grid and secure it every 3 m with a few pins so that the grid remains on the ground for the time being. Depending on the weather, you should now wait approx. 1 hour so that the plastic grid relaxes and lies flat on the ground. (On uneven surfaces, such as lawns, we recommend laying the coarse side of the grid down. This allows the grid to adapt better to the surface and the rough structure of the upper side provides excellent slip resistance).
3. For secure and permanent fastening, we recommend 4–6 pins per square meter, depending on the location and soil conditions. For a standard roll size of 2 x 10 m, approximately 100 pins are required.
4. To secure the ground protection grid, start at one end of the roll and insert the pins firmly into the ground along the grid. The pins are now attached directly to the outer edge of the grid at intervals of approx. 30 cm. Within the roll area, the grid is firmly fixed to the ground with approx. 2–3 pins per square meter. Always work in one direction and make sure that the grid is applied as tightly and firmly as possible to the existing grass surface. (For a better understanding, the graphic on page 1 illustrates the correct fastening method.)
5. If you are connecting several rolls to each other over a large area, position the next roll approx. 1 cm apart from each other. This expansion joint is necessary to allow the plastic grid to expand due to temperature changes. Avoid overlaps or direct contact between the individual strips. This can lead to bulging of the grid in the area.
6. Once the ground protection grid is firmly and securely attached to the lawn, the area can be used immediately. However, the lawn will only reach its full strength and load-bearing capacity once it has completely grown over the grid.
7. The grass can now grow through the grid and the lawn can be mowed, watered, and fertilized as before. Over time, the lawn will completely enclose the ground protection grid and pull it tightly to the ground.
8. If the grass grows very thickly, the grid may be pushed up in some places and these areas may rise. Individual fastening pins can be inserted at these points to secure them.

Installation on newly laid lawns

1. The topsoil should be level, free of stones, water-permeable, and stable in order to meet the planned use and load requirements. Any unevenness can be leveled out with sandy soil.
2. Lay the ground protection grid as described in A 2 to 5.
3. Once the ground protection grid is firmly and securely fixed to the prepared topsoil, sow the grass seed over the grid and fill a covering layer of sandy humus evenly over the seed in the grid. The grid can be filled thinly with this covering layer.
4. Roll this area firmly and water the new seed.
5. This allows the soil to settle and compact, the seeds to germinate, and the lawn to begin growing.
6. This newly laid lawn should not be walked on for 6-8 weeks so that the young grass plants can grow.
7. After about 2 months, the lawn can be mowed for the first time and then used.
Lawn care, including mowing, watering, and fertilizing, can then be carried out as on normal lawns.

ATTENTION: - In the case of low-bearing soils, it may be necessary to improve the soil conditions before laying the ground protection grid. If used by trucks or other heavy vehicles, an additional substructure may also be necessary. - The EcoTrade team will be happy to help you and advise you on individual solutions for your project and special applications. - Please note that this information is only our recommendation for installing our lawn protection grids. We cannot be held liable for damage caused by incorrect installation.

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