

Installation Instructions for Grass Grid Hexagon® with grass seeding infill

Properties of Grass Grid Hexagon®

Grass grid tiles with at least 50% grass coverage. Made of compressed, open-pore and permeable rubber granulate.

- Dimensions: 106 × 99 cm, 1,05 m² per tile.
- Tile thickness: 4,5 / 6,5 cm.
- Colors: green, red, black, gray.

With an integrated interlocking connection system enabling fast and easy installation without extensive subbase or edging work. Suitable for critical fall heights from 1,80 m to 2,40 m.

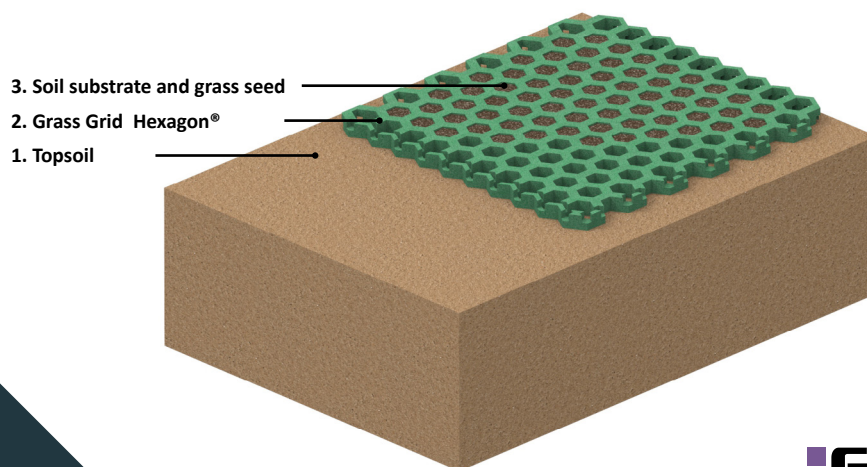
Installation of Grass Grid Hexagon®

The turf layer must be removed to the depth of the tile thickness and leveled. The Grass Grid Hexagon® is installed in a staggered (running bond) pattern in place of the removed turf. The cells are filled with soil substrate (according to DIN 18035-4) and grass seed. The topsoil must provide sufficient load-bearing capacity and adequate permeability.

When replacing wood chips, sand, or impact protection gravel areas, crushed stone, gravel, or lava should additionally be incorporated into the topsoil. It is recommended to use 30–50 liters/m² of these materials, as they provide stability and nutrients for grass roots and allow root growth beneath the Grass Grid Hexagon®.

Maintenance

The tiles do not require edging and will not deform due to their high weight and the patented Hexagon interlocking system. However, it is recommended to mow the grass regularly to prevent weed growth and overgrowth. Installation near shallow-rooted plants should be avoided. In cases of heavy mole activity, an additional 10 cm thick mineral base layer should be installed.



Installation Instructions for Grass Grid Hexagon® with grass seeding infill



Installation Instructions for Grass Grid Hexagon® for gravel and mole mounds

Properties of Grass Grid Hexagon®

Grass grid tiles with at least 50% grass or gravel surface.

Made of compressed, open-pore and permeable rubber granulate.

- Dimensions: 106 × 99 cm, 1,05 m² per tile.
- Tile thickness: 4,5 / 6,5 cm.
- Colors: green, red, black, gray.

With integrated interlocking connection system for fast and easy installation without extensive groundwork or edging. Suitable for critical fall heights from 1,80 m to 2,40 m.

Installation of Grass Grid Hexagon®

For gravel infill, the topsoil and turf must be removed.

During excavation, allow for:

- 10 cm mineral base layer (16/32)
- 3–5 cm playground gravel (2/8)

The mineral base layer must be compacted. The playground gravel acts as a leveling layer and is screeded. Install the Grass Grid Hexagon® flush with the surrounding ground level. Alternatively, mole mesh can be used. Tiles are installed in a staggered pattern, and the cells are filled with playground gravel (2/8).

For soil substrate and grass seeding in loose soils or areas with mole activity:

- Remove topsoil and turf
- Add 10 cm mineral base layer (16/32)
- Add 3–5 cm turf base layer material

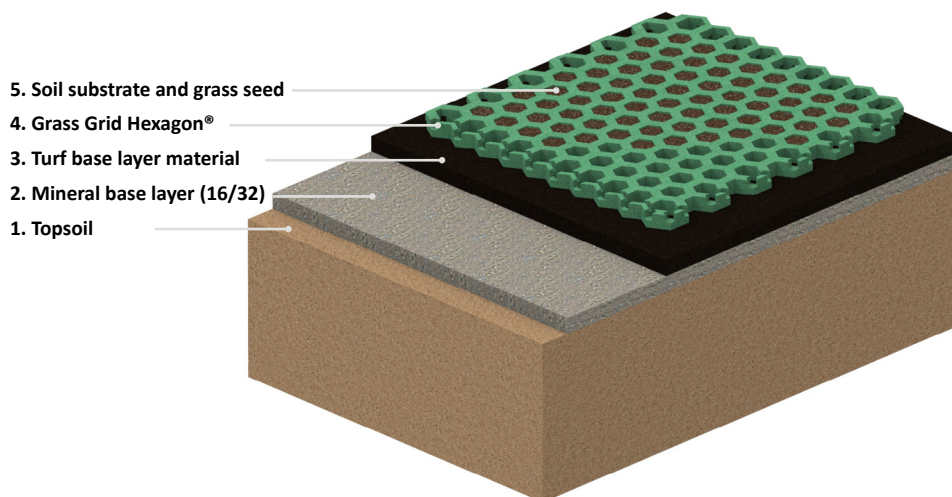
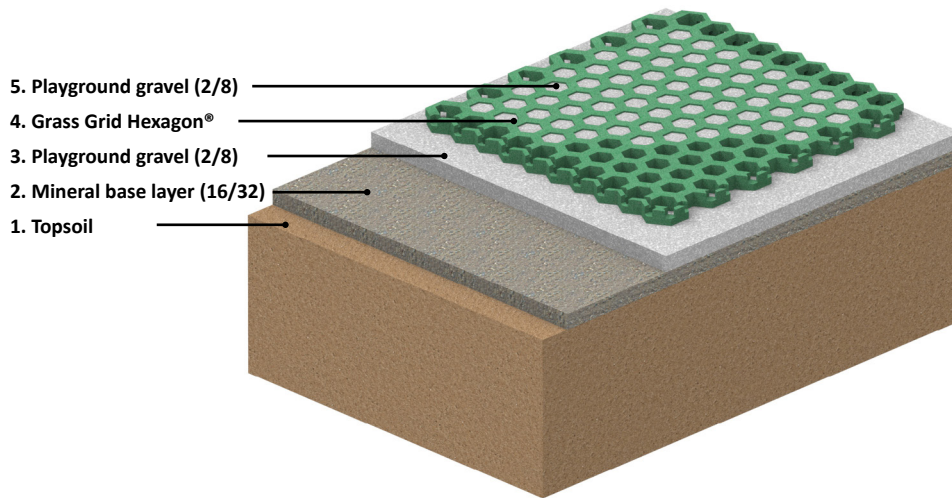
Then install tiles and fill cells with soil substrate (DIN 18035-4) and grass seed.

When replacing wood chips, sand, or gravel safety surfaces, crushed stone, gravel, or lava must be incorporated into the topsoil. Recommended quantity: 30–50 liters/m². These materials improve root stability and nutrient supply, enabling root growth beneath the Grass Grid Hexagon®.

Installation Instructions for Grass Grid Hexagon® for gravel and mole mounds

Maintenance

No edging required. Tiles will not deform due to their weight and patented Hexagon® interlock system. Regular gravel replacement and lawn maintenance are recommended. Avoid installation near shallow-rooted vegetation.



Installation Instructions for Grass Grid Hexagon® for gravel and mole mounds



Installation Instructions for Grass Grid Hexagon® for play mounds

Eigenschaften Rasengitterplatten Hexagon®:

Grass grid tiles with at least 50% grass coverage. Made of compressed, open-pore and permeable rubber granulate.

- Dimensions: 106 × 99 cm, 1,05 m² per tile.
- Tile thickness: 4,5 / 6,5 cm.
- Colors: green, red, black, gray.

With an integrated interlocking connection system enabling fast and easy installation without extensive subbase or edging work. Suitable for critical fall heights from 1,80 m to 2,40 m.

Installation as impact protection and turf reinforcement system

Remove turf and parts of the topsoil. Incorporate aggregates such as crushed stone, rounded gravel, or lava (approx. 30–50 liters/m²) into the upper soil layer. Apply a 3–5 cm permeable turf base layer as a leveling layer. Leveling tolerance: ±10 mm. The surface must be graded to allow water drainage outward, with a slight crown in the center and slope toward the edges.

Before installation, compact the subbase using a grid roller. Install tiles on the prepared surface and fit precisely around installed playground equipment (posts). In movement zones, tiles must be additionally secured with zip ties until vegetation is established. Trim excess ends flush and orient the locking head downward to minimize injury risk. Fill voids with suitable soil substrate (DIN 18035-4), apply grass seed, and roll.

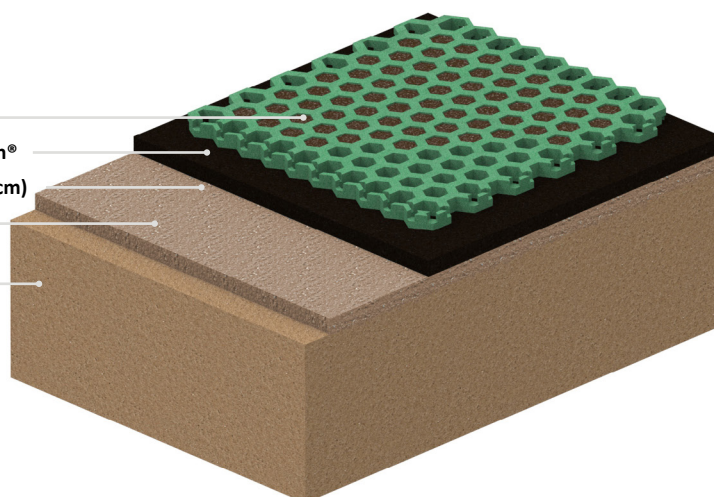
5. Soil substrate and grass seed

4. Grass Grid Hexagon® Hexagon®

3. Turf base layer material (3–5 cm)

2. Soil with aggregates

1. Topsoil

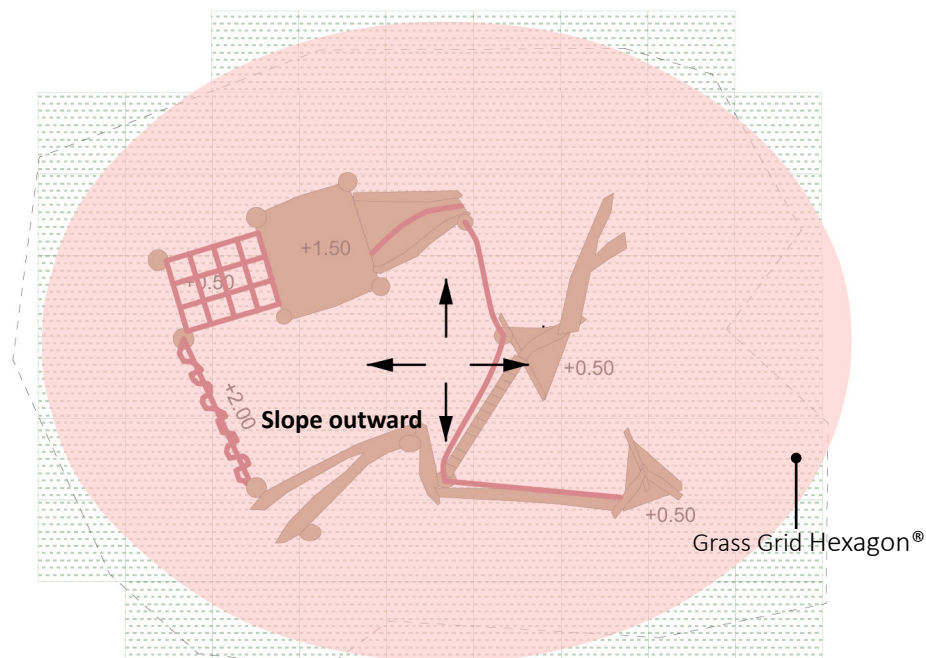


Installation Instructions for Grass Grid Hexagon® for play mounds

Maintenance

The tiles do not require edging and will not deform due to their high weight and the patented Hexagon® interlocking system. However, it is recommended to mow the grass regularly to prevent weed growth and overgrowth.

PLAN VIEW – EXAMPLE: CLIMBING STRUCTURE WITH FALL PROTECTION



Fill (shown in red):
Humus-gravel mixture, slightly elevated, with slope directed outward.

SECTION



