

ASSEMBLY INSTRUCTIONS

The innovative floor system

The lawn-grating impact protection slab is one of the most important inventions in the fall protection systems. The numerous advantages, such as the use in the slope or undulating areas equally convincing planners and operators of playgrounds. Due to the naturally beautiful look almost a decorative lawn coming right, which has become lawn-grating impact protection slabs established across Europe and in the fall protection to enforce as the plantable alternative.

When compared to similar case protection systems, the lawn grating slab is navigable and easy to clean. With two sizes falling-heights of 1,5 m or 2,1 m (tested, unfilled on concrete according to DIN EN 1177. The lawn-grating slab has to be installed as described in our installation instructions and to be filled with lawn substrate to ensure the case protective properties) the lawn grating slab covers the fall protection requirements. The form-fitting connection of the individual elements, as well as the small lawn chambers prevent a play of the topsoil.

- season- and weather- independent game device usage
- no expensive underground or edging work required
- high proportion of grass, natural optics
- ideal fall protection for slopes or slides and hilly areas
- avoidance of mole
- wheelchair accessible
- easy to clean (with the lawnmower navigable)

SIMPLE INSTALLATION:

Preparation:

- remove topsoil
- spread gravel and compress it
- spread substrate and, before installation, compress it to the height required (preferably with a motor roller)

Installation of impact-absorbing layer:

- insert lawn-grid elements
- fill the mats with substrate (0-8 mm) and sweep surface with a broom (lawn substrate acc. to DIN 18035 part 4/0-8 mm basic components pumice, light lava, loess organics, 125 g per section (slab with 45 mm height), 180 g per section (slab with 65 mm height), acc. to photo 3)
- spread lawn seeds
- roll again
- close area until lawn has taken root

Dimensions: L 100/ W 100/ H 4,5 cm

Fall height: **1,5 m**

(tested, empty on concrete acc. to DIN EN 1177. To prevent the impact. To ensure the protective properties, the lawn grating slab must be filled with lawn substrate (125 g per section) as described at the top of the page.)

Dimensions: L 100/ W 100/ H 6,5 cm

Fall height: **2,1 m**

(tested, empty on concrete acc. to DIN EN 1177. To prevent the impact. To ensure the protective properties, the lawn grating slab must be filled with lawn substrate (180 g per section) as described at the top of the page.)

