



Terrasoft®

Pendulum seat

The Terrasoft Pendulum Seat is versatile due to its sophisticated suspension and the large diameter of the seat plate. It has been tested according to DIN EN 1176 and thus meets the strict playground standard.

Supplied with: Pendulum seat made of soft rubber

In addition, you will need: Swing chains according to Section 4.2.13; EN 1176-1 with mounting thread M8 washers DIN 433 / 8,4 / St (A2). Only self-locking nuts M8 DIN 985/8 / St (A2) may be used for mounting! If the pendulum seat is made of VA chains, VA screws and VA nuts must also be used. Galvanized bolts and nuts on steel chains.



ADVANTAGES

- certified according to DIN EN 1176
- warm and soft surface - all year round
- three attractive colour choices

APPLICATION

The Terrasoft pendulum seats can be hung on cable cars or swing carousels, for example. Static prerequisites and requirements for the load on the seats must be checked in advance by the operator.

When used on playgrounds, the maintenance intervals alongside must be observed:



INSTALLATION INSTRUCTIONS

Secure Pendulum seat at the intended opening with a chain in accordance with section 4.2.13 EN 1176-1. (See fig. 2)

This must be observed when installing: Only bearings in accordance with section 4.7; EN 1176-2 to be used! The lateral distances according to section 4.4; EN 1176-2 must be observed! After installation, the safety distances, in particular the sections 4.11, 4.12 + 4.14 EN 1176-4 (cable cars); section 5.4 EN 1176-6 (overhead rocker), must continue to comply with the manufacturer's Specifications of the entire equipment.

If the pendulum seat is used on a swing, it must be ensured that no further swing elements are mounted in the same equipment field and the lateral clearances according to paragraph 4.2.12.1 of EN 1176-1 are observed.

Hang the pendulum seat with chain in the mounting. Tighten the bolts once more.

Caution: An incomplete installation of the equipment, or its partial dismantling during repair work can lead to particular injury risks for the users! Therefore, in such cases, the equipment must be clearly cordoned off! In the case of intensive use of the system, the operator is obliged to carry out more intensive inspections and / or maintenance.

MAINTENANCE INSTRUCTIONS

Quarterly Operational Inspection:

Check play and safety area for obvious hazards and cleanliness (e.g. missing or damaged parts, missing or insufficient fall protection, broken glass, contamination, etc.). Resolve possible defects. Check mounting / bearings for tightness and ease of movement. exchange possibly defective parts
Check chain mounting and swing seat for wear or damage, replace if necessary.

Main inspection: annual intensive inspection

In the case of replacement or repair of components, for reasons of operational safety and liability, use only original spare parts!

Colours



-20x
red

-21x
green

-13x
black

TECHNICAL INSPECTION AND MAINTENANCE

Controlling and Maintenance

In order to ensure the safety of the product in a responsible way, the plates installed need to be inspected and maintained in regular intervals. Due to their material quality Terrasoft impact-absorbing plates are designed for a long useful life with short maintenance intervals. Even so, the clear guidelines laid down in DIN EN 1176/1177 are also binding for Terrasoft elastic/safety slabs. To ensure the safety of the impact protection, the installed slabs require regular inspection and maintenance. Due to their high quality, Terrasoft impact protection slabs are designed for a long service life. The clear requirements of DIN EN 1176/1177 are binding for Terrasoft impact protection slabs. The external influence and impact on durability of impact protection qualities is not exactly foreseeable. External influences can be high exposure or high-risk locations regarding vandalism. Furthermore, weather conditions, UV radiation, high frequentation areas (i.e. under swings or seesaws), unregular maintenance etc. can influence the impact protection qualities. Dust loading of the air, locations near the coast with high salt concentration or sand areas nearby can have a negative influence if maintenance is insufficient. With regular maintenance and care, Terrasoft system's impact protection can be expected for up to 10 years. This outperforms the durability of all alternative impact protection systems by far, especially as the costs for maintenance and securing of impact protection are far lower compared to sand, bark mulch or wood chips.

Warning!

Maintenance intervals need to be shortened with high frequentation of the area, high risks of vandalism, extreme weather conditions or locations near the coast. This applies to different locations on play and recreation areas. High frequentation on the impact protection areas i.e. by teenagers, in entrance areas or dirt require respective maintenance intervals. In cases of abrasion i.e. with a punctual frequentation like under some playground equipment, slabs have to be replaced. For replacement or repairing, only spare parts of the manufacturer are to be used. Checking of maintenance intervals and controlling of professional execution of installation and repair works are duty of the operator, who generally is responsible for maintenance. During installation and maintenance work, the area has to be visibly closed for children.

It has to be ensured that the drainage system constantly works. Keep yourself informed about the resulting requirements and duties, like they are at least partly specified in EN 1176/1177.