

Maintenance Instruction

Terrano netscape



**This maintenance instruction need to be given to the assigned service personnel,
including the tools provided!**

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General information about maintenance:

For the purposes of better defining and documenting possible damage or for determining possible replacement elements, photos and sketches of the elements should be produced. The elements/areas concerned should be clearly identifiable in these photos/sketches and any dimensions clearly definable. The equipment number (equipment ID) should also be specified in order to identify the item of equipment in question. This number can be found on the label on one of the Terranos® clamps.



Label with equipment number and year of manufacture

ATTENTION

For our spacenet structures, we recommend performing maintenance at least twice a year – or more often if there is high play frequency. All maintenance work must be carried out by specialists with adequate knowledge of rope play equipment!

1. Routine visual inspection

In the case of the routine visual inspection to be carried out in accordance with DIN EN 1176-1, Section 6.1.4, all equipment must be visually checked to ensure it is in a proper and functioning condition.

If loose fall protection material is used, it must be checked to ensure it reaches the prescribed fill height and more added if necessary.

The play level is indicated by a sticker and a welding bead that is 2 to 3 cm long. It is located on the pole, 400 mm above the upper edge of the foundation.

We recommend weekly inspections at least, in order to identify any damage quickly. In the case of frequently used playgrounds or those at risk of vandalism, it may be necessary to perform an inspection of this type on a daily basis.

2. Operative inspection and maintenance

The operative maintenance and inspection should be carried out every one to three months.

2.1 Posts

The surface of the poles is to be checked for damage to the paintwork and any signs of corrosion, and repaired as required, by removing the rust and then painting the affected areas with zinc-rich paint and the appropriate RAL paint. You can find out the RAL colour by calling the Technical Hotline and quoting the equipment number.

2.2 Condition of net and ropes

The ropes are to be inspected for wear and breakages of the steel wires.

In the case of clusters of wire breakages, arrange to have the rope parts or net elements affected replaced.

Damage and wear to the rope sheathing do not affect equipment safety or function.

The ball knots at the rope crossing points are maintenance-free.

Special elements such as rope ladders and climbing ropes are to be inspected carefully.

Rope ladders: The condition of the rungs is to be inspected and, if they are excessively worn, the rope ladder is to be replaced.

Climbing ropes: The rubber cylinders are to be inspected to ensure that they are seated correctly on the rope clamps.

2.3 Checking the hammocks and swing suspension

The condition of all fastening elements such as eye bolts, shackles and thimbles is to be checked.

The bearings of the hammocks and swing suspension are maintenance-free due to their dimensions and construction. However, if on checking a bearing it is noisy and demonstrates excessive play (a small amount of play is part of the design and does not affect equipment safety), it may be necessary to replace it. You can find out the type of construction and the exact name of the bearing by calling the Technical Hotline and quoting the equipment identification number.

2.4 External features

The fall protection material is to be checked to ensure that it reaches the correct fill height and more must be added if necessary (the level is indicated by a sticker and a welding bead that is 2 to 3 cm long found on the pole 400 mm above the foundations).

3. Annual main inspection and maintenance

In the context of the main inspection to be carried out annually, all the steps required for the operative inspection and maintenance are to be performed (see 2). The poles within the foundations are also to be checked.

3.1 Checking the posts within the foundations

During the main inspection, the posts within the foundations and the foundations themselves must be exposed and checked. The posts are to be inspected for any damage to the paintwork and rust is to be removed if necessary. The affected area must then be painted with zinc-rich paint and the appropriate RAL paint in order to prevent it from rusting again. The foundations are to be checked for cracks and general strength. In particular, posts that have been embedded in concrete must be inspected to ensure that they are seated securely.

! Attention: **Please do not use any sharp tools to free the area for inspection. In a worst-case scenario this may create the conditions in which corrosion can occur. Please use a piece of wood or a brush!**

Note: All spare parts and tools needed for maintenance can be requested from the Technical Hotline, details of which are provided on page 1, as required. Please ensure that you have the equipment identification number ready. This can be found on the label on one of the Terranos® clamps.