ELTECPUR® sport

Elastic shaped parts made from ecological rubber granulate

Version 01/2025

ELTECPUR® sport Exercise Mats

INSTRUCTIONS FOR INSTALLATION

1. General Information

The purpose of these instructions for installation is to provide the best possible advice. Despite this, all data, figures and drawings are non-binding and these instructions for installation are not legally binding. Because we do not have direct control over the installation and processing of our products, we cannot assume liability for this work. With regard to this, please respect our general business terms and conditions.

ELTECPUR® sport Exercise Mats must be inspected during delivery (goods receiving inspection) to make sure that are complete, are free of dirt and damage and do not have any material or manufacturing defects. The HET Company is not liable for any damages caused by defective material or defects caused by installation of the goods. If the delivered goods are found to be defective, installation must immediately be stopped and the HET Company contacted.

ELTECPUR® sport Exercise Mats must be stored under the same conditions before installation, so that they can acclimate to their environment. If this concerns a large quantity of mats, the mats must be removed from the pallet so that no pressure is placed on the mats at the bottom.

Before installation, the mats must be stored so that they are protected from UV radiation and moisture, at a minimum temperature of 10 °C, and placed in the room they are to be installed in four hours in advance so that they acclimate to the ambient temperature.

The mats must installed when dry and at a minimum temperature of 10 °C. If adhesive or other substances are used, the respective manufacturer´s data sheets and instructions for use must be followed.

Installation of ELTECPUR® sport Exercise Mats requires professional skills necessary for installing elastic floor covering.

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2. Preparation

It is recommended that ELTECPUR® sport Exercise Mats are glued to the substrate, with adhesive applied across the entire surface. The following equipment is necessary for installing Exercise Mats and must be prepared before starting installation:

- **General:** Gloves, knee pads, rubber mallet
- **Measuring:** Tape measure, marking line, chalk or water-soluble marker
- **Cutting:** Utility knife, metal cutting ruler, jig saw
- **Gluing:** cartridge press, mixer, adhesive, toothed spatula, float

3. Foundation

ELTECPUR® sport Exercise Mats are installed to a stable substrate made from concrete, screed, asphalt or existing flooring. substrate must be solid, dry, leveled and load-bearing, it must be free of dirt, damage and cracks. References to the properties of the screed substrate can also be found in standards DIN 18560 and DIN EN 13813.

Stable concrete or screed substrate

If the Exercise Mats are glued to the substrate, the substrate must first of all be tested for residual moisture. The normal method is to use a CM device. A self-levelling screed must be applied to ceramic tiles or uneven substrate before installing the mats, to create a smooth, leveled surface. When installing on existing floor coverings, the compatibility with the existing floor covering has to be checked, as plasticizer migration could occur.

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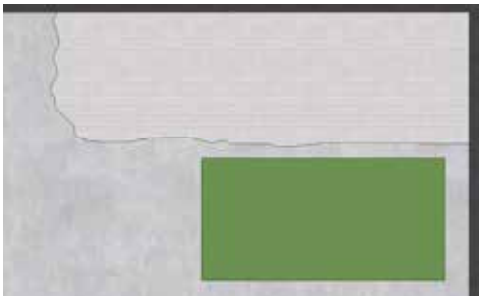
4. Installation

If the substrate meets the specified requirements, is clean and the mats have acclimated and are free of defects, installation can commence. The adhesive is applied using a toothed spatula in one corner or at the edge of a wall (see the adhesive manufacturer's data sheet for information about the size of the teeth). To make orientation easier, you can mark out lines on the substrate to show where the adhesive should be applied.

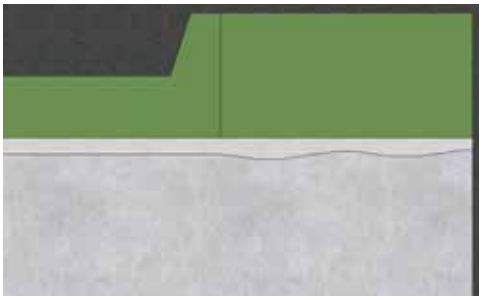


Applying the adhesive to the substrate

ELTECPUR® sport Exercise Mats are then laid into a bed of adhesive and along an edge. The mats are installed so that they are arranged next to each other in alignment, any excess adhesive next to the mats must be immediately remove and levelled to prevent any differences in height.

Installation of Exercise Mats along an edge and immediate removal of excess adhesive.

When installing next to crooked or rounded edges, begin installation at this point, the mats are cut to the specific shape using the utility knife and then glued to create a straight edge for installing the next row of mats.



Begin installation next to crooked edges or in a rounded corner of a room.

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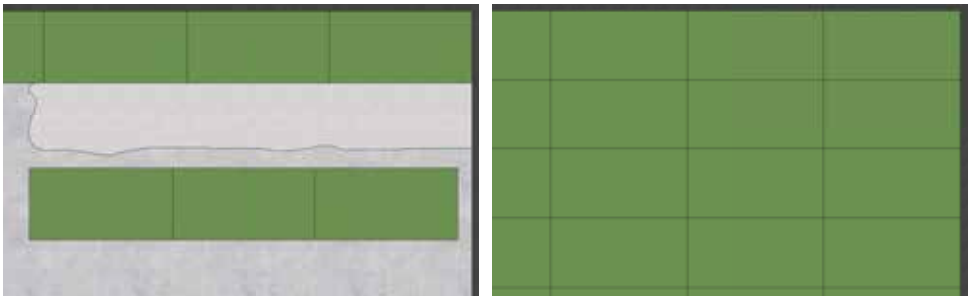
4. Installation

Adhesive is applied to the substrate for the next row and the mats are laid into the adhesive bed along this edge, so that they are aligned and next to each other. The mats are installed in contact with each other, so that there is no visible gap between the mats installed next to each other and any excess adhesive next to the mat is levelled. This method is used to install one row of mats after another over the surface, until the entire surface has been covered. To prevent any edges that can trip people, a transition slat is installed to free edges.



Installation of Exercise Mats edge-to-edge so that there are no gaps between them.

Properties:
The dimensions are limited to a tolerance range of ± 2 mm in height and ± 2 % in length/width by the manufacturing process and the material . If the individual mats do not align with the surrounding mats or at joints, they can be placed aside and used in another area, for cutting to fit into a corner for example. Potential differences in height can also be levelled out when gluing the mats by using the corresponding toothed spatula and adhesive.

5. After installation

Do not walk on the entire surface for approx. 24 hours until the adhesive has completely cured. Please adhere to the respective manufacturer's data sheet and its instructions for use.

6. Sealing

Apply a sealant to make cleaning the surface easier. Sealant should not be applied in cases when heavy loads across small areas are expected, such as falling weights in a fitness area.

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7. Maintenance and Care Instructions

Proper maintenance is essential to ensure the longevity, safety, and functionality of your mats. Please follow these guidelines to maintain the installed surface:

Regular Cleaning:

- Use a broom to remove loose debris and dirt from the rubber surface.
- For ordinary dirt such as dust, cleaning with water is usually sufficient. With an outdoor installation in many cases, rain cleans the surface naturally without any additional effort.

Avoid Harmful Cleaning Agents:

- Avoid using solvent-based chemicals that contain acetone or similar substances for cleaning or maintenance.
- Always consider local environmental regulations when selecting cleaning products.

Protect the Surface from Damage:

- Avoid applying undue stress to the rubber surface by stopping moving vehicles on it or driving over it with heavy cars, trucks, or machinery.
- Prevent mechanical disturbances or intentional damage to the surface. Avoid the use of sharp or pointed objects that could cause damage to the mats.

Edge Protection and Safety:

- Install edges, curbs, or other surrounding elements to secure the rubber mats, level the surface, and reduce tripping hazards.
- Ensure that no open edges of the mats are exposed, as this could lead to intentional or accidental damage.

Note on cleaning effort:

- The cleaning effort required for the rubber surface will vary depending on the type of surrounding area (e.g., asphalt, concrete, sand, grass, etc.). For instance, if the safety surface is adjacent to a sand area, the transfer of dirt and loose materials (such as sand) onto the mats will be significantly greater than if the surface is next to an asphalt area.
- Therefore, regular cleaning is recommended, with more frequent attention required in areas where loose materials are more likely to accumulate.

By following these maintenance guidelines, you will ensure a safe, clean, and durable surface for users, maximizing the functionality and lifespan of your mats.

LEGAL DISCLAIMER

The following information and our technical advice – whether verbal, in writing or by way of trials – are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our advice concerning safety does not release you from the obligation to determine the safety measures designed for your production environment, that we may not be able to anticipate, to check abilities and to inform the people who will use, handle or be in contact with these products.

The products characteristics described in the present technical data sheet may be modified at any time as a result of changes in techniques or regulations and are therefore only valid providing that they have not been cancelled and superseded by a more recent issue.