Safety Surfaces
Installation Recommendations no. VA05 - R - 01
Issue: June 2026

Installation recommendation

This instruction is valid for the following **SPORTEC®** products: **edge & corner ramps** and **edge & corner ramps FR**.

1. Substrate

The substrate must be tested and evaluated before installation in accordance with the national standard (DIN 18365).
Suitable substrates are, for example, asphalt, concrete or screed. The substrate ready for covering must be pressure and tension resistant, even, permanently dry, load-bearing, clean and free of dirt and cracks that could impair the bonding.
The substrate must comply with the limit values for evenness deviations in accordance with DIN 18202 (increased requirements = max. 3 mm difference over a distance of 1 meter). Slight unevenness must be repaired with a suitable leveling compound.
Depending on the substrate, it may be advisable to prime the substrate with a suitable (barrier-) primer.
SPORTEC® edge- & corner ramps should not be installed on loose or dynamic sub-bases. A solid base is required to ensure stability and performance.

Suitable, solid surface

2. Preparation Work

The surface of the substrate has to be brushed clean before starting installation. Minor unevenness must be levelled with a liquid self-leveller or filler compound.
Remove the profiles from the pallet and lay down loose on the ground and store them in the area you want to install for about 1-2 days before installation to ensure correct acclimation.

The ambient temperature for installation of **SPORTEC® edge- & corner ramps** should be between 10 °C and 25 °C.

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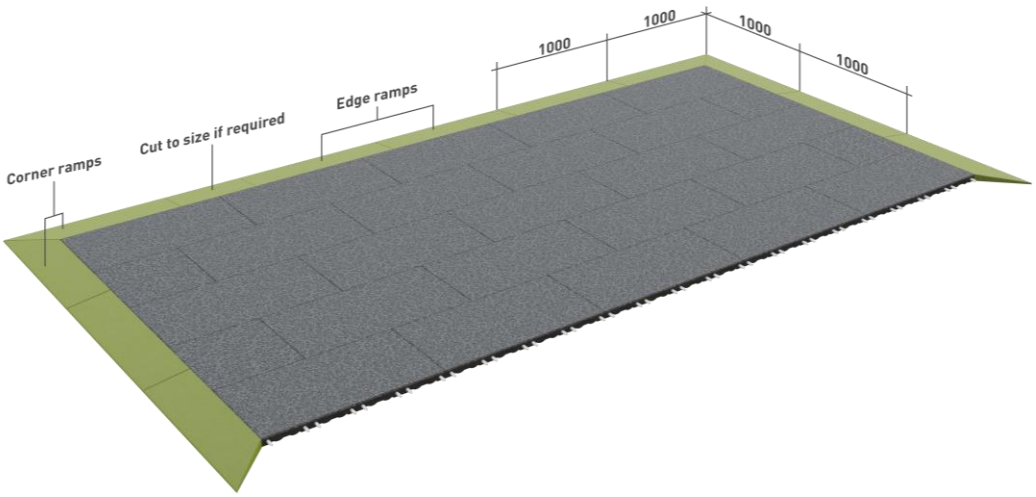
3. Installation

Lay the profiles on the edge of the **SPORTEC® style** or **SPORTEC® base** tiles and glue them. For installation of **SPORTEC® edge- & corner ramps**, an edging (L-section) of metal is necessary. Lay the edging directly below the tile and glue them with a 1-component PUR adhesive to the surface. An additional fixing of the profiles with dowels is recommended.

The next step is to glue the **SPORTEC® edge- & corner ramps** to the edging and the surface and as well the joints between the profiles. With this procedure there will be a high safety against moving the tiles. The slabs are easy to cut by using a low-speed sabre (blade for wood/medium-size teeth) or a carpet knife in conjunction with a steel straightedge.



Installation of the edge- & corner ramps

Note: For the installation of the 90 mm system of our **Gymcoustic Performance Line (SPORTEC® style 70 mm + SPORTEC® supercell 20 mm)**, we recommend an edging solution using a two ramp transition to go from 90mm down to 10mm step height.
In this installation, the **SPORTEC® supercell** 20 mm is laid with a 250 mm overhang, so that the 800 x 250 x 70/10 mm **SPORTEC® edge and corner ramps** can be placed flush on top of it. These are then glued to the tiles behind using the above mentioned single-component PUR adhesive. In addition, the joints between adjacent ramp elements must also be glued together. The **SPORTEC® edge & corner ramps** 1000 x 250 x 30/10 mm are then positioned against this build-up and glued together as well as to the material behind them.

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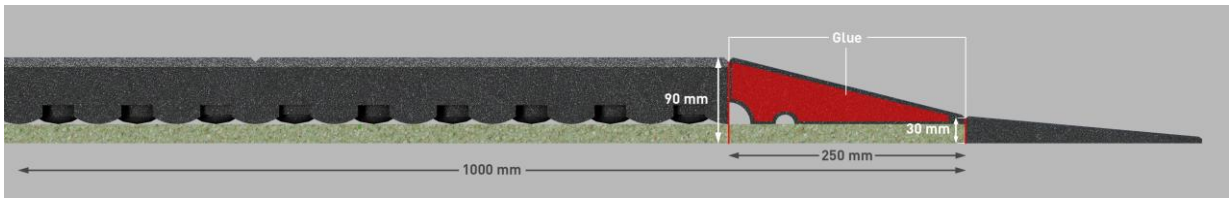
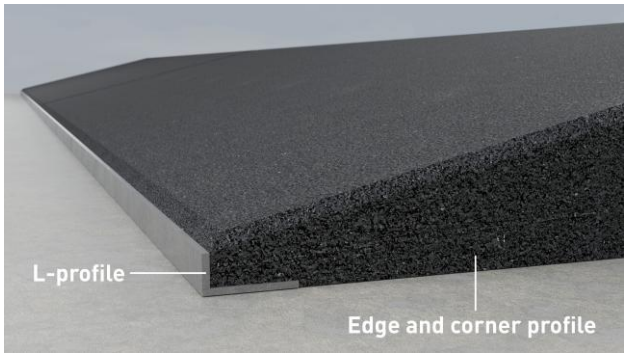


Installation of the two ramp transition system

The final border should be mounted in accordance with the method described above or as shown in the diagram below.



Installation of L-section

4. Coating

It is not recommended to apply a coating on the profiles in general.

5. Important details

The profiles may only be installed on leveled, dry and clean substrate.

The profiles could be cut to size using an electric jigsaw or a sharp cutting knife.

It is possible to quickly and easily uninstall and store the profiles and then install again when needed.

In case of claims caused of falsely delivered goods, defect goods, insufficient quantities or other possible faults stop the installation immediately and make a claim directly. A claim of delivered material is only possible with untreated and uninstalled material and with confirmation of the order number.

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These recommendations for applications and installation are based on our extensive experience and on current technological practice. Our liability and responsibility in the event of damages shall be limited to the extent defined in our General Terms and Conditions of Business, regardless of the above recommendations or of any statements made or advice given by our sales representatives or applications engineering staff.

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