

1. Application

SPORTEC® style protects subfloors from damage by falling heavy objects, e.g. in weightlifting areas of fitness centres or training facilities. Even if not themselves damaged by falling weights, conventional floor surfaces transmit impact shock which often results in serious damage to the concrete subfloor. **SPORTEC® style** avoids this deep-impact damage while providing outstanding sound deadening as well. **SPORTEC® style** can be used as an underlay under all **SPORTEC® flooring** materials in our standard product programme.

2. Substrate

The solid substrate (e.g. asphalt, concrete or cement-pavement) over which **SPORTEC® style** is to be installed have to be dry, leveled, free of dust and of foreign material (e.g. residual mortar, oil etc.) as well as free of cracks in the substrate to ensure a safe laying of the tiles. Best conditions for laying **SPORTEC® style** tiles are a base made of asphalt, concrete or existing typical flooring. Neither this floor has to be clean, dry and free of cracks and any other damages or pollutions.

Minor unevenness must be corrected with a liquid filler compound. Before applying this compound, clean the substrate surface completely and use a primer (bonding agent) if necessary to ensure firm bonding. Depending on substrate condition it's recommended to coat with a suitable sealant primer, e.g. when substrate is highly absorbent.

Installation of **SPORTEC® style** is only done on leveled substrate, otherwise the unevenness affect the safety and sports properties of the tiles. Not possible is to install **SPORTEC® style** on soft undergrounds. The tiles need a solid base for safe bear on the substrate. With soft undergrounds the tiles are moveable and do not lay solid and safe.

3. Preparation Work

The surface of the substrate has to be brushed solid. It must be clean and free of any other pollution before starting to install. Minor unevenness must be levelled e.g. with a liquid filler compound before starting with the installation of the tiles.

SPORTEC® style has to be stored dry at the area where they should install for about 1-2 days before lay out to ensure correct acclimation to the ambient conditions. Because of possible high pressure of the stacked tiles on pallet destack the tiles from the pallet and lay down loose on the ground on the previous day to installation so that the tiles can relax.

The ambient temperature for installation should be between 10 °C and 25 °C, storage is best done at site where the tiles will be installed. When possible the installation should be done in one day to have the same conditions for laying the tiles at all the time.

For marking the installed area with lines (e.g. for fields or playing areas) use a suitable line marking paint and take care of manual recommendations of the manufacturer.

Before installation, check the packaging to ensure that the correct quantities were supplied. Claims for insufficient quantities can be accepted only if the products in question have not yet been cut or installed.

4. Installation

After cleaning the surface, and when necessary leveled the substrate, starting with the installation. For simplification installation make lines with a chalk line or start on an edging.

Lay **SPORTEC® style** tiles in one line along the edging or marked line by lay tile to tile side by side without a gap. In case of curves cut tiles with a cutter or electric saw in needed shape, start laying the tiles in the curve area and get a straight line to lay the next row of tiles directly on it. Before installing the next row make sure that the section installed is properly aligned. Start second row of tiles with a half tile to ensure that the laying is in T-connection. The third row with a complete tile again, then a half tile and consecutive in this procedure. Connect the tiles with the delivered connector pins (**see Figure 1**).

Both, the T-connection and the connection with connector pins are stringent observe to ensure position stability of the tiles. **SPORTEC® style** can be split and cut with a cutter or an electric saw in any shape. Depend of the application of installed area it can be necessary to mark the surface with lines. Measure and tape the needed lines, apply with a paint-brush or paint roller and a suitable line marking paint, remove the tape and let the paint dry. Take care and read the manufacturer's recommendations for the particular product.

5. Coating

Depending on the application it can be recommend to apply a coating material to the surface of the installed area. A decision regarding a coating has to be made in particular cases. When it's necessary coat the appropriate coating material with a painting roller even over the dry and clean surface and does not trespass the area before coating is harden.

6. Important details

For applying a line marking paint pay attention and following the manufacturer's manuals. The tiles may only be installed on dry and clean substrate. The area can be used directly after installation or harden of the line marking paint.

Loose laying of the tiles on a solid substrate in T-connection and by using the delivered connector pins to connect the tiles is adequate, no glue is needed. Thence it is possible to uninstall and stacking or storage the tiles and install again when needed fast and easy. Pay attention when install again at the connection with connector pins and laying the tiles in T-connection.

If installed area is marked with lines it's recommended when uninstallation is necessary to stacking the tiles in that way that the lines can be install again without any problems.

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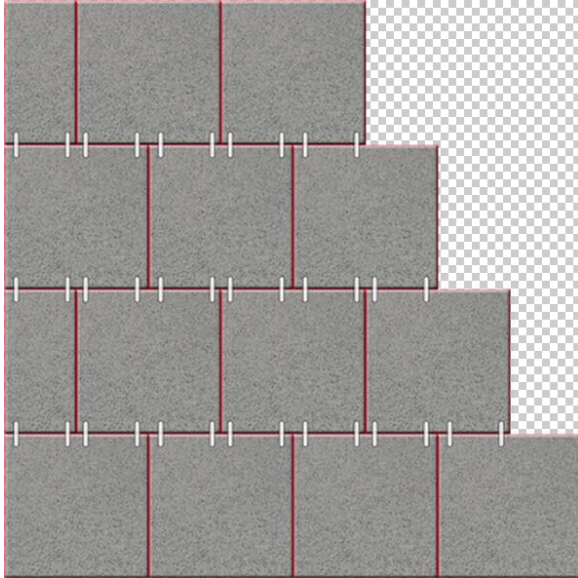


Figure 1: correct: laying in T-connection

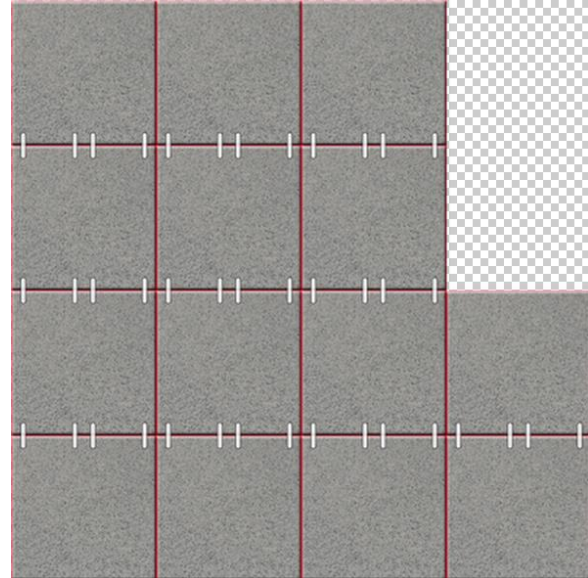


Figure 2: wrong: laying in cross joint

In case of claims caused by falsely delivered goods, defect goods, insufficient quantities or other possible faults make a claim immediately and stop the installation directly.

A claim of delivered material is only possible with untreated material and with declaration of the order number or production batch reference number. This number is printed on a sticker on bottom side of the tile, see Figure 3.



Figure 3: production reference batch

DISCLAIMER:

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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