

# SHIELDTAC® Installation Recommendation

This instruction is valid for **SHIELDTAC® blocks**.

## Suitable, solid surface



## 1. Substrate

The substrate must be level, solid, dry, clean and free of dirt and cracks. A substrate made of asphalt, concrete or screed or an existing hard floor is most suitable. In the case of soft substrates such as sand, care must be taken to ensure that the blocks rest securely on the floor and cannot move, as otherwise the unevenness will be absorbed by the blocks, which will then not rest securely and the protective properties will be impaired.

## 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-leveler or filler compound. The same obtain for installation the blocks in front of a wall or a bullet trap. The surface of the wall has to be clean and free of any other pollution. For an accurate and easier installation, a chalk line should be used. Remove the blocks 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 **SHIELDTAC® blocks** should be between 15 °C and 25 °C.

## Creating chalk lines



## Required tools for the installation



Gloves



Measuring tape



Knife



Chalk line



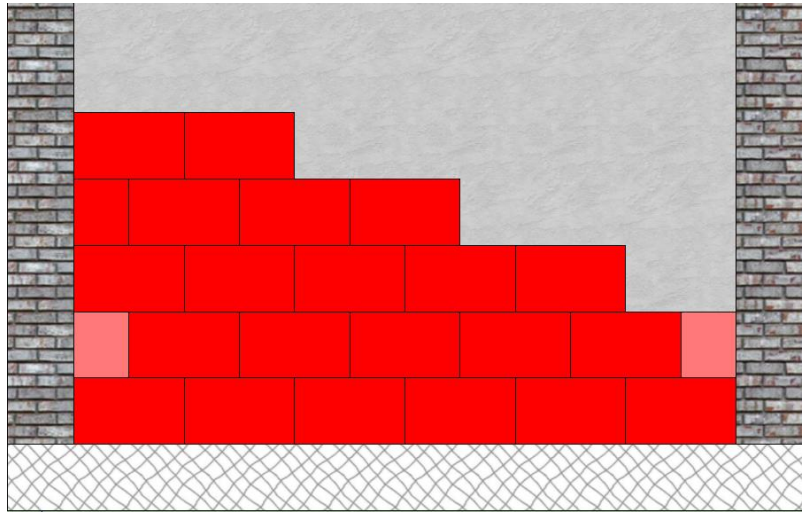
Jigsaw



Bandsaw

## 3. Installation

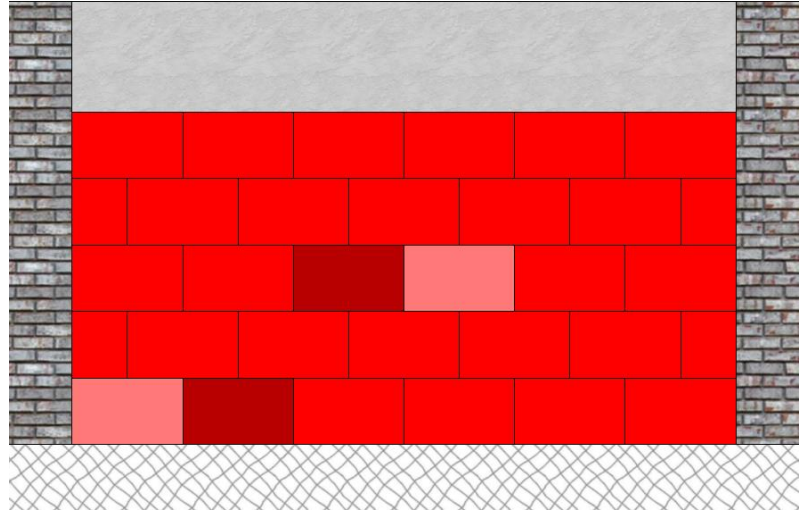
Place the first block on a wall or edge border and then start laying. To do this, lay the blocks side by side along the chalk line, wall, bullet trap or edge border so that there are no gaps between the blocks. For curves and edges, start at this point and cut the blocks to the respective shape to obtain a straight contact surface for the second row. Once the first row has been laid straight, you can start laying the second row. To do this, start with half a block and then build up in a T-joint pattern.



Stack the blocks shifted to each other

## 4. Interchanging of the blocks

If necessary **SHIELDTAC® blocks** are interchangeable and provide durability of the installed area, especially in areas where targets are placed on the blocks, the blocks are used as barriers and hence a high frequency is expected. Put the high frequent block (e.g. from the middle behind a target) and a low frequent block (from edge area) out of the connection and interchange them. Depending on the size of installed area, easy interchanging of the blocks is possible over a long period.



Interchanging of the blocks

## 5. Important details

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

When possible the installation should be done in one day so that all blocks are installed under the same ambient conditions.

The blocks can be cut to size using a knife, an jigsaw or an bandsaw.

The blocks can be easily removed, stacked and reassembled as required. However, when reassembling the surface, ensure that the blocks are laid in a T-joint pattern.

Rubber products have an odour typical of the material, which decreases over time. This can be accelerated by regular airing.

**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.**

### 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.