

Installation Recommendation SHIELDTAC® fragsafe

1. Substrate

Solid walls or ceilings, for example of solid masonry or concrete construction, are preferred for installation. Other constructions are permissible, provided they comply with the applicable requirements for shooting ranges and allow for secure, permanent installation.

The substrate must meet the following requirements:

- even
- dry
- clean
- load-bearing
- suitable and permanently secure fixing must be possible

2. Preparation work

The substrate must be thoroughly swept and cleaned before starting installation.

The rolls must be stored at the installation site to allow them to acclimatise to the ambient temperature.

Processing temperature:

- The recommended temperature for the material and for processing is between +10 °C and +25 °C

Notes:

- Acclimatisation time: approx. 24 hours

3. Installation

Install the fixing system:

First, install the fixing system, for example in the form of a rail system, clamping or screw strips, on the wall or ceiling in accordance with good installation practice and using suitable dowels and screws. The fixing system must be capable of permanently supporting the weight of the protective mats.

Next, attach the mats to the pre-fitted fixing system. Start with the first mat, then attach the neighbouring mats.

The following must be observed:

- Install the mats with a slight overlap at the edges
- Avoid gaps between adjacent mats

Curves and edges can be accommodated by cutting the mats to size using suitable cutting tools.

If a roll-up system is used, the joints can also be bonded with a suitable cartridge adhesive to create a continuous mat assembly.



Mat secured to the wall using screw-fastened strips

4. Important details

When using fastening systems, the respective manufacturer's installation instructions must be followed.

The suitability of the fastening system for use in shooting ranges must be verified.

Required tools for the installation

Gloves



Measuring
tape



Cutter

Material properties

- A characteristic material odour may be noticeable. It will decrease over time and can be reduced by regular ventilation.

Claims:

- Inspect the goods before installation
- If any visible defects are identified, stop installation immediately
- Report any claims immediately and before installation
- If the defect is visible before installation, claims can only be accepted for uninstalled products
- State the production batch (see the sticker on the underside or on the outer packaging)
- Document all defects with sufficient evidence (e.g. pictures)
- Report any transport damage to the carrier immediately upon delivery

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. Ensure that sufficient self-testing is carried out in advance.