CLEANING AND CARE RECOMMENDATIONS
SHIELDTAC® ricosys PU

Document-no.: 9190 - R-05
Issue: September 2026

1 General information

SHIELDTAC® ricosys PU is a durable, non-porous and jointless safety floor. The closed surface is easy to clean and allows easy and efficient maintenance.

Important: In indoor shooting ranges, substances such as metal dust, gunpowder residue, lead-containing residues and unburned powder particles may be present. The selection of cleaning methods, machinery, extraction systems and personal protective equipment must therefore be based on the facility-specific risk assessment and, where applicable, the explosion protection document. Collected residues, filters, cleaning cloths and contaminated liquids must be handled and disposed of in accordance with company and legal requirements.

This document does not replace the facility-specific risk assessment, operating instructions, disposal guidelines or the specifications of the respective cleaning solution and equipment manufacturers.

2 General maintenance

- Remove dust, sand, ammunition residues and other loose contaminants regularly and when necessary.
- Regularly check the floor and skirting areas for cuts, cracks, loose areas and other damage.
- Have any damage identified repaired promptly and properly
- A thorough clean should be carried out at regular intervals.

3 Cleaning

- Before wet cleaning, carefully remove shells, larger foreign objects and loose debris.
- Proceed with wet cleaning to remove dust and fine residues using a method suitable for the conditions on site such as a site-approved industrial vacuum cleaner and/or mop. Avoid dry sweeping and blowing with compressed air.
- Use only cleaning solutions and methods suitable for PU surfaces.
- Dose the cleaning agent in accordance with the manufacturer's instructions and avoid overdosing
- Carry out cleaning work in sections.
- Clean the surface gently. Allow the cleaning fluid to act for a short time whilst staying moist.
- Ensure that any cleaning fluid residue or wet dust are completely removed and do not allow them to dry on the surface.
- After cleaning, remove the dirty fluid completely and allow the floor to dry.
- Take extra care during the first few cleanings.

Please note: The colours **Traffic Red** and **Ruby Red** may cause red wastewater or coloured leaching, especially in the first few weeks. This behaviour is typical of the product and does not constitute a quality defect.

3.1 Note on machine cleaning

- Only use cleaning machines with a low speed **(not exceeding 150 rpm)** and low contact pressure.
- Machines and cleaning equipment may only be used if they have been confirmed as suitable for the conditions of the respective indoor shooting range

3.2 Do not use

- aggressive or corrosive cleaning solutions
- solvents
- scouring powders and abrasive cleaners
- highly abrasive pads or brushes
- steel wool, wire brushes or sharp-edged tools
- oil- or wax-based or film-forming care products or cleaning solutions
- compressed air for dust removal

4 Protection of the PU safety flooring

- Do not drag heavy or sharp-edged objects across the floor.
- Provide a sufficiently large clean-off area in the entrance zone and clean it regularly.
- Avoid high point loads and strong shear forces; use load-distribution plates where necessary.
- During maintenance, only use clean equipment and tools on the surface
- Clean up oils, fuels, brake fluids and similar substances immediately.
- Avoid contact with materials containing plasticisers, as this may cause discolouration or surface damage.
- Prevent cleaning fluids from entering any damaged or exposed areas.
- Carry out repairs only using the SHIELDTAC® Repair Kit, which is specifically designed for this flooring system

This document is not subject to a change service! All information is provided without guarantee.

KRAIBURG Relastec GmbH & Co. KG
Fuchsberger Str. 4 | DE-29410 Salzwedel
www.shieldtac.com | Tel. +49 (0) 8683 701-522 | shieldtac@kraiburg-relastec.com