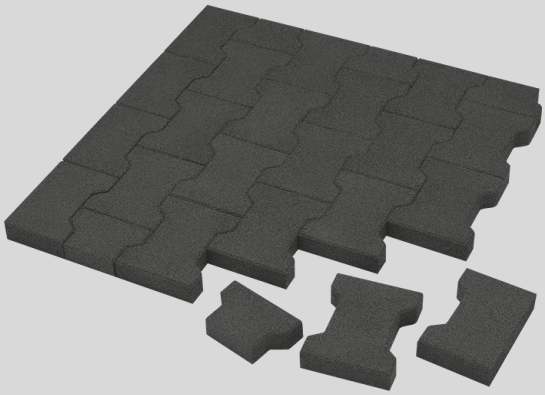
KRAIBURG RELASTEC

SHIELDTAC®

SHIELDTAC® pavers

SHIELDTAC® pavers, *previously known as* ***SPORTEC®*** *multi-pavers,* are a specially developed safety floor covering for indoor and outdoor shooting ranges on both bound and unbound substrates.



Benefits & Features

- Tested to absorb projectiles up to 3,500 joules, reliably preventing ricochets and rebound of bullets.
- High level of water permeability when installed on a gravel base
- Robust and durable, leaving only minor impact marks
- Easy to clean, quick to install, simple to renew or replace

Government & Defence

- NATO CAGE -registered manufacturer (NCAGE: **CF121**)

DOWNLOAD INSTALLATION RECOMMENDATION

Material

Material	PU-bonded rubber

Product Design

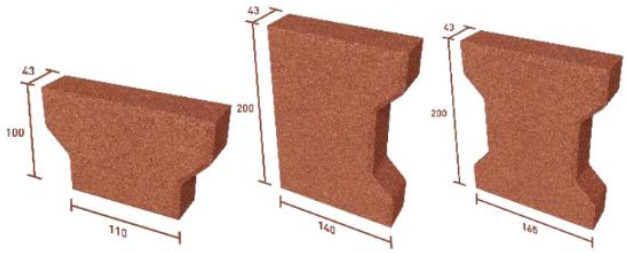
Colour(s)	red and black

low colour differences are conditional of material.

Surface	open-pored smooth, bevelled edges
Lower side	smooth, right-angled edges

Dimensions / Weight / Tolerances

Thickness	43 mm (± 2 mm)
Length x width x height:	100 mm/ 165 mm (± 0,8 %) (half) 200 mm/ 140 mm (± 0,8 %) (starter) 200 mm/ 165 mm (± 0,8 %) (full)
Density:	approx. 900,0 kg/m³
Weight:	approx. 0,6 kg/ Piece (half) approx. 1,1 kg/ Piece (starter) approx. 1,2 kg/ piece (full)



Product data sheet no. 9187 - R-05 | Issue: September 2026
Other product names: EUROFLEX® Elastic Pavement Blocks

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qualityaustria SYSTEMZERTIFIZIERT
ISO 9001:2015 NR. 00186/0
ISO 14001:2015 NR. 05343/0
ISO 50001:2018 NR. 00070/0

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SHIELDTAC®

Sustainability

Recycling content	> 80%

Storage Advice

The goods should be stored indoors in a dry, clean, and well-ventilated area to prevent moisture and mould growth. Direct sunlight, UV exposure, strong heat sources and significant temperature fluctuations should be avoided.
We recommend that the protective foil should be opened or partially removed upon delivery to ensure adequate air circulation whilst ensuring that the goods should remain sufficiently covered to protect them from dust and other contaminants.

Installation

Installation has to be done in accordance to the Installation recommendation of **SHIELDTAC® pavers**. The latest version of the Installation Recommendation can be downloaded from the website of KRAIBURG Relastec GmbH & Co. KG.

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Product Testing

Fire resistance	Efl (DIN EN 13501-1)
VOC-emission rating	French VOC Regulation AFFSET (A+)
Anti-slip property	R 10 (DIN EN 16165)
Step sound insulation	26 dB (DIN 52210, Part 3)
Tensile strength	min. 1,7 N/mm² (EN ISO 1798)
Elongation at break	min. 58 % (EN ISO 1798)
Hardness	60 ± 5 Shore A (DIN 53505)
Water permeability	23.878 mm/h (DIN EN 12616)
Water absorption	max. 20 %
Temperature range	-30°C to 80°C (internal tested)
Abrasion	0,4 g (DIN EN ISO 5470-1)
Electrostatic properties	0,5 kV (EN 1815:2016) (antistatic)
Remaining deformation	0.74 mm / after 5 min 0.24 mm / after 24 h DIN EN 1516)
Light reflectance value (LRV)	3,0 % (at black) (EN 17317)
Stress -static	0.36 mm / after 30 min 0.32 mm / after 1 h 0.21 mm / after 6 h 0.18 mm / after 24 h 0.10 mm / after 72 h (DIN EN 1516)
Stress -dynamic	0.08 mm / after 30 min 0.06 mm / after 1 h 0.05 mm / after 6 h 0.05 mm / after 24 h 0.03 mm / after 72 h (DIN EN 1516)

Ballistic Tests

Testing Institute	Test basis
Beschussamt München (Munich Proof House)	In accordance with the Operational and Testing Instructions for conducting ballistic tests on materials for the German Armed Forces, Version 4, Test Report 25M014A01 Energy range: 400–3,500 J

We can provide further information and full test reports upon request.

Note: **SHIELDTAC® pavers** are intended for projectile energies of 200 J or more.

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