

style

Product data sheet no. 9141 - R-05

Issue: June 2024

**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.

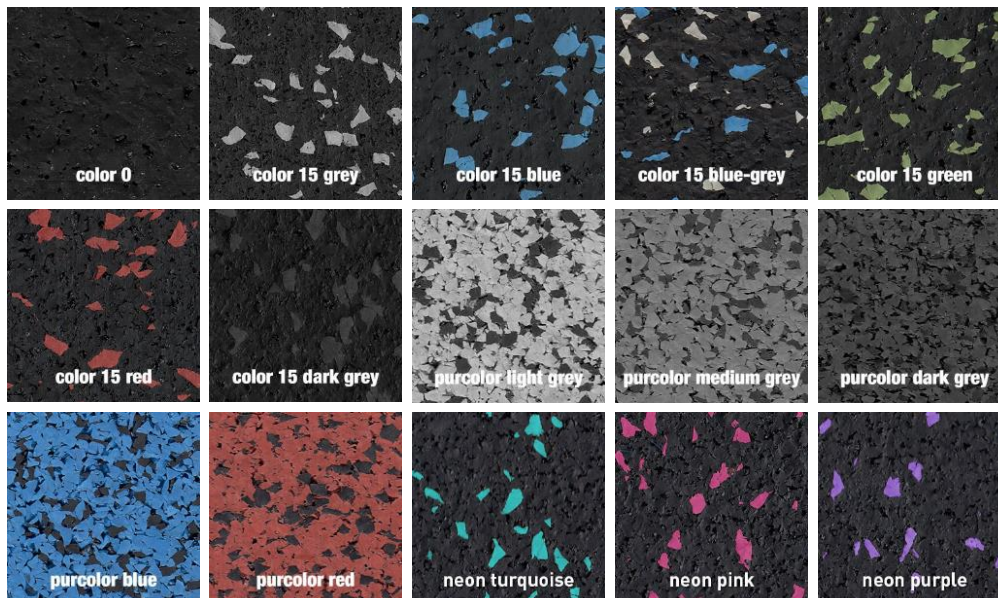
**Material**

Material:

Polyurethane-bonded recycling tyre rubber granules with a surface layer made of SPORTEC® floor coverings.

**Product design**

Colour(s):



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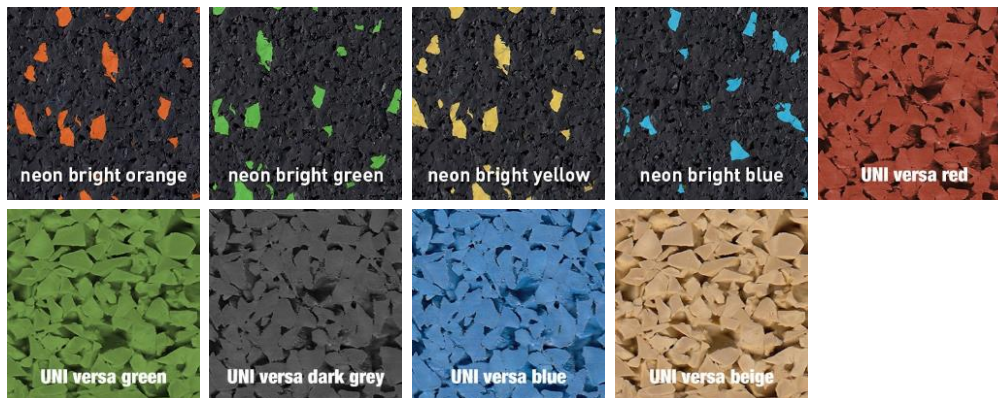
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neon turquoise, neon pink, neon purple, neon bright orange, neon bright green, neon bright yellow, neon bright blue

- Surface: SPORTEC® color (with 15% EPDM) SPORTEC® purcolor  
SPORTEC® UNI versa (only 1000 x 500 mm) SPORTEC® neon (only 1000x500mm)
- Lower side: dimpled base with a reinforcing mesh  
colour of base adapted to colour of floor covering top layer (black, grey or red)
- Type of floor covering: Safety surface for indoor (surface: purcolor, color, neon) and outdoor (surface: UNI versa (expect light grey))
- Note: low colour differences are conditional of material and can change over time due to external influences such as UV, cleaning and daily use



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## Dimensions / Tolerances / Weight

Thickness(es):	30 mm (± 2 mm) 70 mm (± 2 mm)
Length x width:	500 mm / 500 mm (± 0.8 %) 1000 mm / 500 mm (± 0.8 %) (only for 30mm) 1000 mm / 1000 mm (± 0.8 %) (only for 30mm)
Area weight:	approx. 27.0 kg/m <sup>2</sup> (at 30 mm) approx. 49.6 kg/m <sup>2</sup> (at 70 mm)
Weight slab:	at 30 mm: approx. 6.8 kg (at 500 mm x 500 mm) approx. 13.6 kg (at 1000 mm x 500 mm) approx. 27.0 kg (at 1000 mm x 1000 mm)  at 70 mm: approx. 12.4 kg (at 500 mm x 500 mm)
Density:	approximately ~1000 kg/m <sup>3</sup>

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## Product Testing

Fire resistance:	$E_{fl}$ (B2) <sup>a,c</sup> (EN 13501-1) $C_{fl}$ -s1 (B1) <sup>b</sup> (EN 13501-1)
Tensile strength:	min. 0.7 N/mm <sup>2</sup> (EN ISO 1798)
Elongation at break:	min. 70 % (EN ISO 1798)
Hardness:	60 ± 5 Shore A (DIN 53505)
Temperature range:	-30°C to 80°C (internal tested)
Force reduction:	approx. 45 % (at 30 mm) (internal tested) approx. 70 % (at 70 mm) (internal tested)
Energy Restitution:	(in accordance with CEN / TS 16717) 52 % at 30 mm 50 % at 70 mm
Ball rebound:	approx. 95 % (at 30 mm) (internal tested)
Abrasion:	depending on tile surface max. 200 mm <sup>3</sup> <sup>a</sup> (DIN 53516) max. 450 mm <sup>3</sup> <sup>b</sup> (DIN 53516)
Coefficient of friction:	> 0.3 $\mu$ (DS) (EN 13893)
Anti-slip property:	R 10 (DIN 51130)
Anti-slip properties:	C <sup>c</sup> (DIN 51097) (wet-loaded barefoot areas)
Step sound insulation:	Tested according to DIN EN ISO 10140-3:2015- 11 24 dB (at 30 mm) 28 dB (at 30 mm tile + Team Cup 10 mm) 30 dB (at 30 mm tile + Supercell DC2 10 mm) 29 dB (at 70 mm) 34 dB (at 70 mm tile + Team Cup 10 mm) 39 dB (at 70 mm tile + Supercell DC2 10 mm)
Remaining deformation:	0.09 mm (ISO 24343-1)
Thermal resistance:	0.172 m <sup>2</sup> K/W (at 30 mm) (DIN EN 12664:2001)

Light fastness:	depending on tile surface
	2-3 <sup>a</sup> (grey scale) (DIN EN 105-B02:1999-09)
	4 <sup>b,c</sup> (grey scale) (DIN EN 105-B02:1999-09)
Light reflectance (LRV):	value 3.5 % (at color 0) (EN 17317)
	4.1 % (at color 15 dark grey) (EN 17317)
	5.4 % (at color 15 green) (EN 17317)
	6.2 % (at color 15 light grey) (EN 17317)
	30.5 % (at purcolor light grey) (EN 17317)
VOC emission rating:	

## Installation

Installation has to be done in accordance to the Installation Recommendation of **SPORTEC® style**. After installation, the room must be ventilated to remove specific odors from rubber flooring (and adhesive). A regular airing of the room is recommended. The latest version of the Installation Recommendation can be downloaded at the website of KRAIBURG Relastec GmbH & Co. KG.

## Other

Other:	( <sup>a</sup> tile surface with SPORTEC® color 15 or neon) ( <sup>b</sup> tile surface with SPORTEC® purcolor) ( <sup>c</sup> tile surface with SPORTEC® UNI versa)
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