Product data sheet no. 9141 - R-05
Issue: September 2026

SPORTEC® style protective tiles made of recycled rubber granules have a surface made of SPORTEC® color 15, color FR, neon, giga, purcolor or UNI versa. The tiles have been developed to protect the concrete in free weight areas. In such areas, dumbbells are often dropped from heights of up to one meter. Even with suitable floor coverings, this can lead to impact and damage to the concrete underneath, without leaving visible damage to the installed floor. **SPORTEC® style** prevents this impact and also has excellent noise and sound-insulating properties.

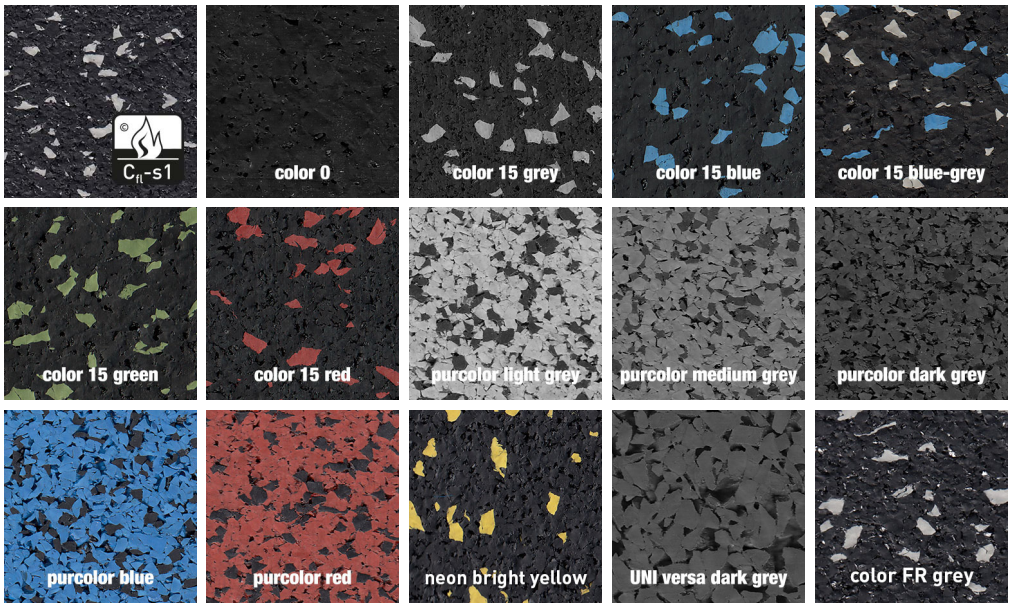
Material

Material:

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

Product design

Colour(s):



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Surface:	SPORTEC® color (with 15% EPDM) SPORTEC® color FR (only 1000x500mm) SPORTEC® purcolor SPORTEC® UNI versa (only 1000 x 500 mm) SPORTEC® neon (only 1000x500mm) SPORTEC® giga (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)
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 for30 mm and for surface SPORTEC® color 0/grey/blue; SPORTEC® purcolor light grey/dark grey)
Area weight:	approx. 27.0 kg/m² (at 30 mm) approx. 49.6 kg/m² (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)

Product Testing

Fire resistance:	E_{fl} (B2)[a,c] (DIN EN 13501-1) C_{fl}-s1 (B1)[b] (DIN EN 13501-1)
Tensile strength:	min. 0.7 N/mm² (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)

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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^3 [a] (DIN 53516) max. 450 mm^3 [b] (DIN 53516)
Coefficient of friction:	> 0,3 µ (DS) (EN 13893)
Anti-slip property:	R 10 (DIN 51130)
Anti-slip properties:	C^C (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^2K/W (at 30 mm) (DIN EN 12664:2001)

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Light fastness:	depending on tile surface 2-3[a] (grey scale) (DIN EN 105-B02:1999-09) 4[b,c] (grey scale) (DIN EN 105-B02:1999-09)
Light reflectance value (LRV):	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:	French VOC Regulation (A+)

Storage

Storage advice:	The goods should be stored in a dry room with good air circulation to prevent moisture and mold growth. The protective foil must also be removed when the goods arrive to ensure proper ventilation and to prevent condensation.

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.

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Sustainability

Product Carbon Footprint:	20.2 kg CO_2e pro m² (at 30mm + SPORTEC® color surface) 34.3 kg CO_2e pro m² (at 70mm + SPORTEC® color surface) 30.9 kg CO_2e pro m² (at 30mm + SPORTEC® purcolor surface) 45.3 kg CO_2e pro m² (at 70mm + SPORTEC® purcolor surface)
Recycling content:	> 80 %
End of Life recycling:	yes (contact us for more information)

Other

Other:	([a] tile surface with SPORTEC® color, neon, giga) ([b] tile surface with SPORTEC® purcolor, color FR) ([c] tile surface with SPORTEC® UNI versa)

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