

1. Application

SPORTEC® color is a rugged, easy-to-clean and water-repellent floor covering material for use in fitness and gym facilities, retail outlets, exhibition halls, equipment storage rooms and ice sports stadiums.

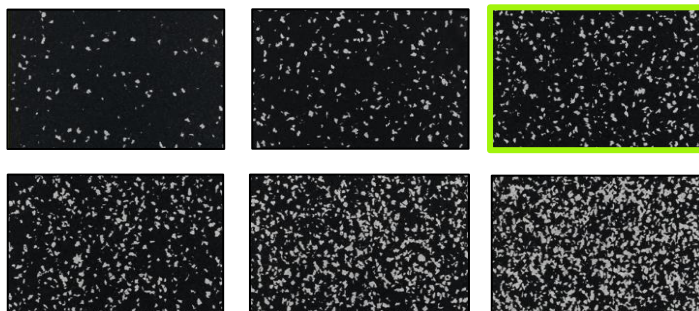
Thanks of its excellent durability and high resistance to mechanical wear, **SPORTEC® color** is the all-rounder solution for rubber flooring. Choose from our range of colours and hues to create a room that matches your colour scheme, offers great walking comfort and absorbs impact and room noise.

2. Material

Fine-grained recycled tyre rubber (black) and **5%, 10%, 15%, 20%, 30% or 50 %** of coloured EPDM granules bonded with polyurethane elastomer.

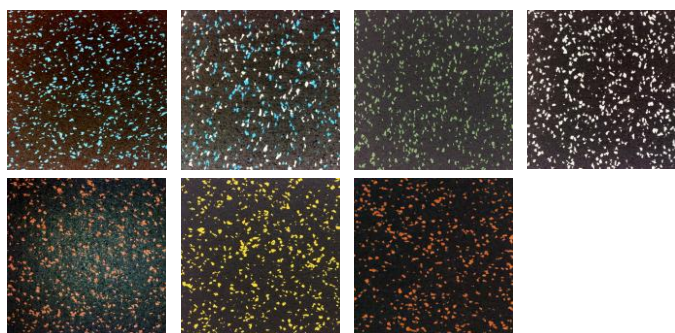
Standard product is a share of 15% EPDM (marked green).

Shares of EPDM:



3. Product Design

Colours:



black-blue, blue/grey, -green, -grey, -red, -bright yellow, -bright orange

(other colours on request)

low colour differences are conditional of material

fine granule structure with coloured EPDM granules

Surface:

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4. Dimensions/Tolerances

Width:	1,500 mm ($\pm 1.5\%$)	
Thickness:	4, 5, 6, 8, 10 and 12 mm (± 0.3 mm) / for color 15% 6 mm* (± 0.3 mm), for color 5, 10, 20, 30, 50% (* other thicknesses on request)	
Volumetric weight:	approx. 1,050 kg/m ³	
Roll length ($\pm 1.5\%$):	30 m (at 4 mm) 24 m (at 5 mm) 20 m (at 6 mm)	15 m (at 8 mm) 12 m (at 10 mm) 10 m (at 12 mm)
Area weight:	approx. 4.2 kg/m ² (4 mm) approx. 5.3 kg/m ² (5 mm) approx. 6.3 kg/m ² (6 mm)	approx. 8.4 kg/m ² (8 mm) approx. 10.5 kg/m ² (10 mm) approx. 12.6 kg/m ² (12 mm)

5. Product Testing

Fire resistance:	E _{fl} (B2)	(EN 13501-1)
Tensile strength:	min. 1.5 N/mm ²	(EN ISO 1798)
Elongation at break:	min. 80 %	(EN ISO 1798)
Hardness:	60 $\pm$ 5 Shore A	(DIN 53505)
Temperature range:	-30°C to 80°C	(internal tested)
Abrasion:	max. 200 mm ³	(DIN 53516)
Coefficient of friction:	> 0.30 μ (DS)	(EN 13893)
Anti-slip property:	R 10	(DIN 51130)
Step sound insulation:	17 dB (at 6 mm) 18 dB (at 8 mm)	(DIN EN ISO 140-8:1998-03) (DIN EN ISO 140-8:1998-03)
Remaining deformation:	0.21 mm (at 6 mm) 0.13 mm (at 8 mm)	(EN 433:1994-11) (EN 433:1994-11)
Compression set:	approx. 15 %	(internal test)
Wear hardness:	approx. 4.0 MPa (at 5 mm thickness)	(internal test)
Electrostatic properties:	0.5 kV	(DIN EN 1815:1995-06)
Thermal resistance:	0.028 m ² K/W (at 4 mm) (Suitable for underfloor heating)	(DIN EN 12664:2001)
Light fastness:	2-3 (grey scale)	(DIN EN 105-B02:1999-09)
Castor chair suitability:	for permanent use adapted (DIN EN 1307: 1997-06) (Tested at 6 mm and 8 mm thickness)	



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Floor Coverings

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6. Installation

Installation has to be done in accordance to the Installation Recommendation of **SPORTEC® color**. The latest version of the Installation Recommendation can be downloaded at the website of KRAIBURG Relastec GmbH & Co. KG.

7. Sealing

It is recommended to seal the floor covering **SPORTEC® color** with 2 components PU sealer system "RZ turbo protect" which is available directly from our company. Small damages at the sealed surface can be tread afterword by using a „RZ Refresher Set“ to retain the visual effect.



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