

color

Product data sheet no. 9121 - R - 05

Issue: October 2023

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.

Material

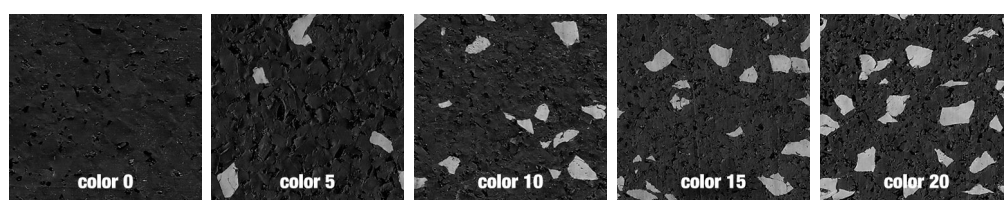
Material:

Fine-grained recycled tyre rubber (black) and 5%, 10%, 15%, 20 % of coloured EPDM granules bonded with polyurethane elastomer. Standard product is a share of 15% EPDM

Product design

Colour density:

(percentage figure indicates colour share)



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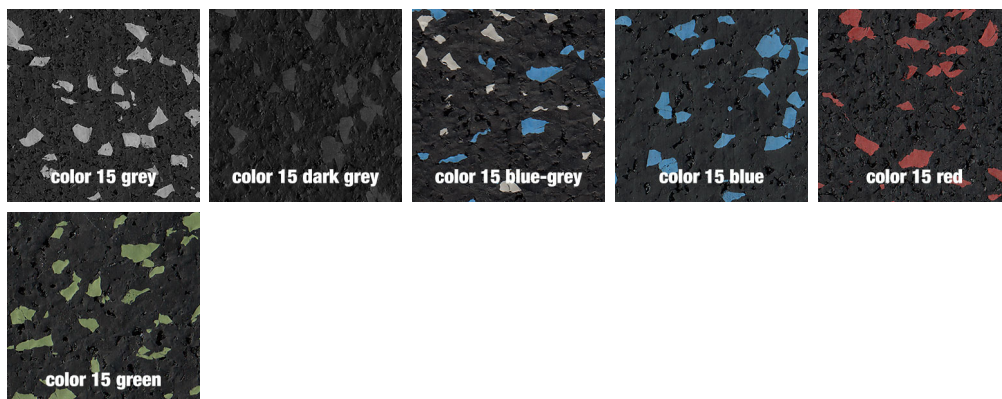
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Colour(s):



Surface: fine granule structure with coloured EPDM granules
 Type of floor covering: Floor covering for indoor
 Note: low colour differences are conditional of material

Dimensions / Tolerances / Weight

Thickness(es): 4, 6, 8 and 10 mm (± 0.3 mm) / for color 15%
 6 mm* (± 0.3 mm), for color 5, 10, 20%
 (* other thicknesses on request)
 Roll width: 1,500 mm (± 1.5 %)
 Roll length: 30 m (at 4 mm) 15 m (at 8 mm)
 20 m (at 6 mm) 12 m (at 10 mm)
 (± 1.5 %)
 Density: approx. 1,050 kg/m³
 Area weight: approx. 4.2 kg/m² (at 4 mm)
 approx. 6.3 kg/m² (at 6 mm)
 approx. 8.4 kg/m² (at 8 mm)
 approx. 10.5 kg/m² (at 10 mm)



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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 ± 5 Shore A (DIN 53505)
Temperature range:	-30°C to 80°C (internal tested)
Energy Restitution:	(in accordance with CEN / TS 16717) 90% at 4mm 88% at 6mm 85% at 8mm 83% at 10mm
Abrasion:	max. 200 mm ³ (DIN 53516) 132 % (Abrasion resistance index) (ISO 4649:2017)
Coefficient of friction:	1.06 μ (DS) (EN 13893)
Anti-slip property:	R 10 (DIN 51130) R 11 (sealed with RZ turbo protect zero + RZ grip)
Step sound insulation:	15 dB (at 4 mm) (DIN EN ISO 10140-3:2015-11) 16 dB (at 6 mm) (DIN EN ISO 10140-3:2015-11) 18 dB (at 8 mm) (DIN EN ISO 10140-3:2015-11)
Remaining deformation:	0.16 mm (at 4 mm) (ISO 24343-1) 0.15 mm (at 6 mm) (ISO 24343-1) 0.14 mm (at 8 mm) (ISO 24343-1)
Compression set:	approx. 15 % (internal tested)
Compression hardness:	approx. 4.0 MPa (at 5 mm thickness) (internal tested)
Electrostatic properties:	0.0 kV (EN 1815:2016)
Thermal resistance:	0.0231 m ² K/W (at 4 mm) (DIN EN 12664:2001) (adapted for using with floor heating systems)
Light fastness:	2-3 (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)



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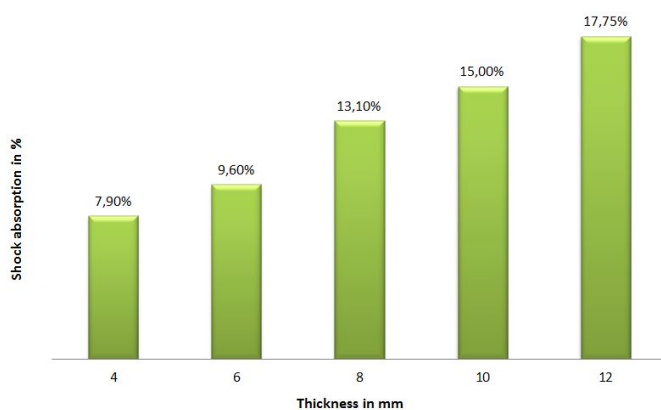
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Castor chair suitability: for permanent use adapted (DIN EN 1307 : 1997-06)

VOC emission rating:



Shock absorption:



Installation

Installation has to be done in accordance to the Installation Recommendation of **SPORTEC® color**. 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.

Sealing

It is recommended to seal the floor covering **SPORTEC® color** with 2 components PU sealer system „RZ turbo protect zero“ 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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