

SPORTEC® neon offers the same outstanding properties and application options as SPORTEC® color. It 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 to the incorporation of large and small EPDM colour granules, **SPORTEC® neon** floor coverings are available in an even greater range of colours and finishes. **SPORTEC® neon** makes your rooms not only very attractive, but also safe and comfortable.

Material

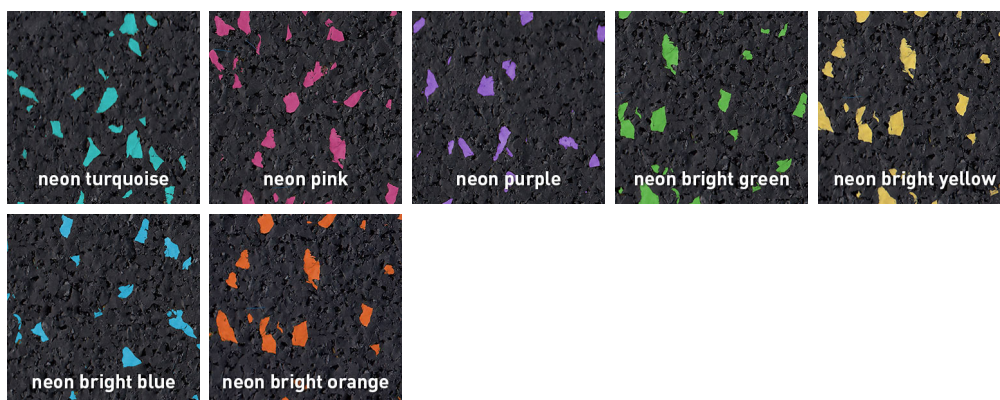
Material:

Fine-grained recycled tyre rubber (black) and coloured EPDM granules bonded with polyurethane elastomer.

Product design

Colour(s): black-bright yellow, black-bright green, black-bright blue, black-bright orange, black-purple, black-turquoise, black-pink

Colour(s):



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



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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, and 8 mm (± 0.3 mm)
Roll width:	1,500 mm (± 1.5 %)
Roll length:	30 m (at 4 mm) 20 m (at 6 mm) 15 m (at 8 mm) (± 1.5 %)
Density:	approx. 1,050 kg/m ³
Area weight:	approx. 4.2 kg/m ² (4 mm) approx. 6.3 kg/m ² (6 mm) approx. 8.4 kg/m ² (8 mm)

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)
Energy Restitution:	% (in accordance with CEN / TS 16717) 90% at 4mm 88% at 6mm 85% at 8mm
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)

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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)
Electrostatic properties:	0.0 kV (EN 1815:2016)
Thermal resistance:	0.0231 m²K/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)
Castor chair suitability:	for permanent use adapted (DIN EN 1307: 1997-06)



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VOC emission rating:

French VOC Regulation (A+)
 French CMR components
 Italian CAM Edilizia
 ABG/AgBB
 Belgian Regulation
 Indoor Air Comfort
 Indoor Air Comfort Gold
 Formaldehyde Emission Class\$ (E1)
 Blue Angel (DE-UZ 120)
 BREEAM International (Exemplary Level)
 BREEAM-NOR (Exemplary Level)
 EU Taxonomy
 LEED v4.1 BETA (outside U.S.)

tested according to eurofins Indoor Air Comfort® Gold

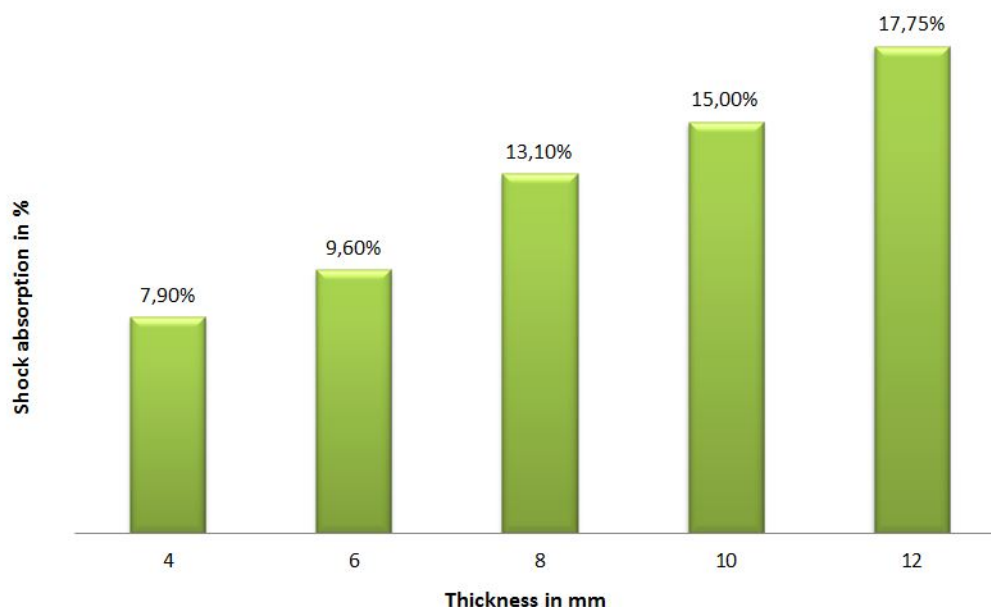


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Shock absorption:



Installation

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