

giga

Product data sheet no. 9122 - R-05

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SPORTEC® giga 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. **SPORTEC® giga** contains specially developed, extra-large colour granules for mesmerising colour effects. **SPORTEC® giga** makes your rooms not only very attractive, but also safe and comfortable.

Material

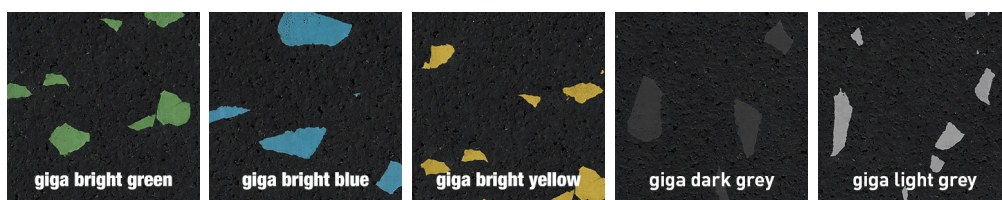
Material:

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

Product design

Colour(s): bright blue, bright green, bright yellow, light grey, dark grey
(low colour differences are conditional of material)

Colour(s):



giga dark grey, giga light grey

Surface: fine granule structure with coloured EPDM granules

Type of floor covering: Floor covering for indoor

Dimensions / Tolerances / Weight

Thickness(es): 6, 8, 10 mm (± 0.3 mm)

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EN 1817
SPORTEC® giga

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Roll width:	1,500 mm ($\pm 1.5 \%$)
Roll length:	20 m (at 6 mm) 15 m (at 8 mm) 12 m (at 10 mm) ($\pm 1.5 \%$)
Density:	approx. 1,050 kg/m ³
Area weight:	approx. 6.3 kg/m ² (at 6 mm) approx. 8.4 kg/m ² (at 8 mm) approx. 10.5 kg/m ² (at 10 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) 88% bei 6mm 85% bei 8mm 83% bei 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:	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:	0.15 mm (at 6 mm) (ISO 24343-1) 0.14 mm (at 8 mm) (ISO 24343-1)
Compression set:	approx. 15 % (internal tested)



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Compression hardness:	approx. 4.0 MPa (internal tested) (at 6 mm thickness)
Electrostatic properties:	0.0 kV (EN 1815:2016)
Thermal resistance:	0.0231 m ² K/W (at 4 mm) (DIN EN 12664:2001) (Suitable for underfloor heating)
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)
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.)

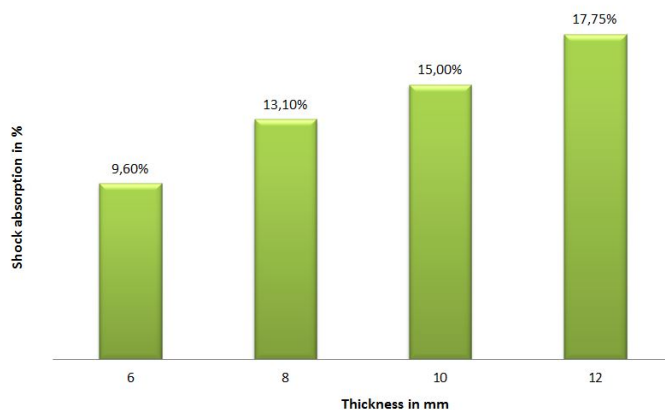
tested according to eurofins Indoor Air Comfort® Gold



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Shock absorption:



Installation

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