

giga

Product data sheet no. 9122 - R-05

Issue: June 2024

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

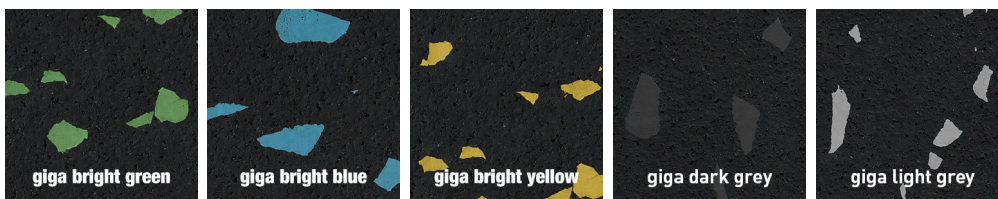
Material:

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)

Roll width: 1,500 mm (± 1.5%)

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| | |
|--------------|---|
| Roll length: | 20 m (at 6 mm) 15 m (at 8 mm) 12 m (at 10 mm) (± 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 ± 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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SPORTEC-002-CPR

KRAIBURG Relastec
GmbH & Co. KG
Fuchsberger Straße 4
29410 Salzwedel / Germany

EN 14041:2004
/AC2006

EN 1817
SPORTEC® giga

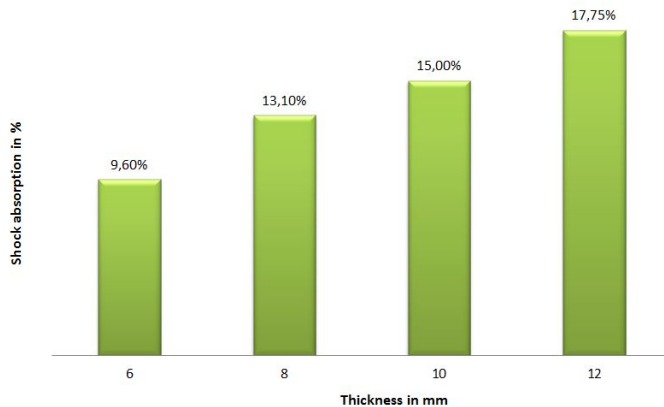
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- Compression hardness: approx. 4.0 MPa (internal tested) (at 6 mm thickness)
- Electrostatic properties: 0.0 kV (EN 1815:2016)
- Thermal resistance: 0.0231 m²K/W (at 4 mm) (DIN EN 12664:2001) (Suitable for underfloor heating)
- Light fastness: 2-3 (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:



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.

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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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