# standard 2.0

**Product data sheet no.** 9108 - R-05
Issue: March 2026

**SPORTEC® standard 2.0** is a widely used elastic layer for sports and multi-purpose facilities where volleyball, handball, basketball, badminton and tennis are played. Sports floors with an integrated **SPORTEC® standard 2.0** layer are hard-wearing, improve safety and help prevent damage to joints. This enhanced elastic layer therefore offers unrivalled flexibility and excellent ball rebound properties, and is easy to install.

## Material

Material:

Fine-grain recycled tyre rubber granules bonded with polyurethane elastomer.

## Product design

| | |
|---|---|
| Colour(s): | black |

Colour(s):

| | |
|---|---|
| Surface: | fine granule structure<br>(on request reinforced with geotextile lamination) |



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## Dimensions / Tolerances / Weight

| | |
|---|---|
| Thickness(es): | 4, 5, 6, 7, 8, 9, 10 and 12 mm (± 0.3 mm) |
| Roll width: | 1,500 mm (± 1.5 %) |
| Roll length: | 40 m (at 3 mm)<br>30 m (at 4 mm)<br>24 m (at 5 mm)<br>20 m (at 6 mm)<br>17 m (at 7 mm)<br>15 m (at 8 mm)<br>13 m (at 9 mm)<br>12 m (at 10 mm)<br>10 m (at 12 mm)<br>(± 1.5%) |
| Density: | approx. 720 kg/m³ |
| Area weight: | approx. 2.2 kg/m² (3 mm) approx. 5.8 kg/m² ( 8 mm)<br>approx. 2.9 kg/m² (4 mm) approx. 6.5 kg/m² ( 9 mm)<br>approx. 3.6 kg/m² (5 mm) approx. 7.2 kg/m² (10 mm)<br>approx. 4.3 kg/m² (6 mm) approx. 8.4 kg/m² (12 mm)<br>approx. 5.0 kg/m² (7 mm) |

## Product Testing

| | |
|---|---|
| Fire resistance: | depending on PU top coating |
| Tensile strength: | min. 0.5 N/mm² (EN ISO 1798) |
| Elongation at break: | min. 50 % (EN ISO 1798) |
| Hardness: | 60 ± 5 Shore A (DIN 53505) |
| Temperature range: | -30°C to 80°C (internal tested) |
| Force reduction: | > 25 % (at 8 mm)* (EN 14904, type P1) |





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|---|---|
| Energy Restitution: | (in accordance with CEN / TS 16717)<br>85 % at 3 mm<br>80 % at 4 mm<br>77 % at 5 mm<br>73 % at 6 mm<br>70 % at 7 mm<br>68 % at 8 mm<br>66 % at 9 mm<br>64 % at 10 mm<br>60 % at 12 mm |
| Thermal resistance: | 0.0342 m²K/W (at 4 mm) (DIN EN 12664:2001)<br>(adapted for using with floor heating system - Please take the thermal resistance of the floor covering into account) |
| VOC emission rating: | French VOC Regulation (A+)<br>French CMR components<br>Italian CAM Edilizia<br>ABG/AgBB<br>Belgian Regulation<br>Indoor Air Comfort<br>Indoor Air Comfort Gold<br>Formaldehyde Emission Class§ (E1)<br>Blue Angel (DE-UZ 120)<br>BREEAM International (Exemplary Level)<br>BREEAM-NOR (Exemplary Level)<br>EU Taxonomy<br>LEED v4.1 BETA (outside U.S.)<br><br>tested according to eurofins Indoor Air Comfort® Gold |



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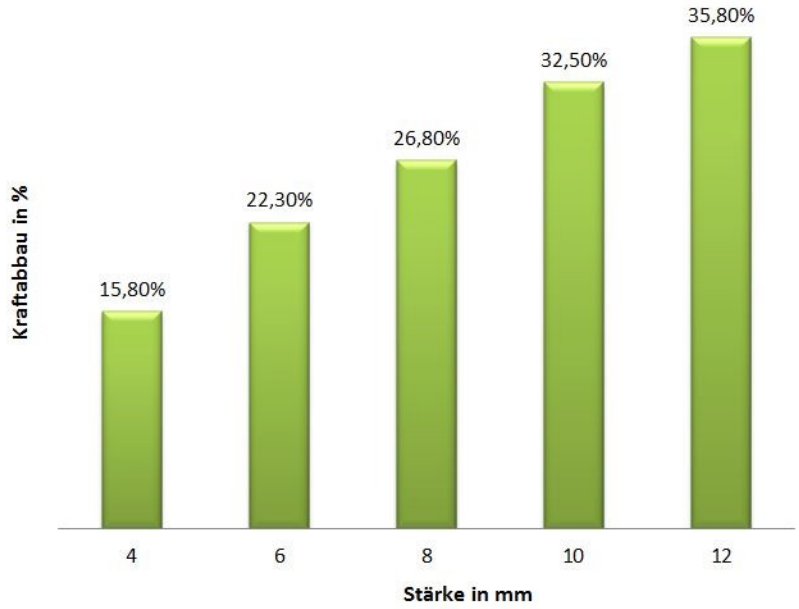
Shock absorption Elasticlayer:




## Installation

Installation has to be done in accordance to the Installation Recommendation of **SPORTEC® standard 2.0**. The latest version of the Installation Recommendation can be downloaded at the website of KRAIBURG Relastec GmbH & Co. KG.

## Sustainability

| | |
|---|---|
| Product Carbon Footprint: | 0.59 kg $CO_2$e per $m^2$mm |
| Recycling content: | > 80 % |
| End of Life recycling: | yes (contact us for more information) |



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## Other

| | |
|---|---|
| Other: | (* Indications for sports floor systems consisting of elastic layer and PU top coating)<br>(* given values are parameters, in individual case testing the system separately)<br><br>EN 14904: All in EN 14904 requested parameters have to measure at system. To realize the requirements the PU coating is a decisive characteristic. Through the elastic layer the force reduction is given to the system. |





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