

standard LD

Product data sheet no. 9105 - R 05

Issue: March 2024

SPORTEC® standard LD 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 LD** 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
Surface: fine granule structure

Dimensions / Tolerances / Weight

Thickness(es): 6, 7, 8, 9, 10 and 12 mm (± 0.3 mm)
Roll width: 1500 mm (± 1.5 %)
Roll length: 20 m (at 6 mm) 13 m (at 9 mm)
17 m (at 7 mm) 12 m (at 10 mm)
15 m (at 8 mm) 10 m (at 12 mm)
(± 1.5 %)
Density: approx. 690 kg/m³
Area weight: approx. 4.1 kg/m² (6 mm) approx. 6.2 kg/m² (9 mm)
approx. 4.8 kg/m² (7 mm) approx. 6.9 kg/m² (10 mm)
approx. 5.5 kg/m² (8 mm) approx. 8.3 kg/m² (12 mm)

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Product Testing

Fire resistance:	depending on PU top coating
Tensile strength:	min. 0.4 N/mm ² (EN ISO 1798)
Elongation at break:	min. 40 % (EN ISO 1798)
Force reduction:	24 % (at 7 mm) (EN 14904) 26 % (at 8 mm) (EN 14904) 28 % (at 9 mm) (EN 14904) 30 % (at 10 mm) (EN 14904)
Standard deformation:	1.2 mm (at 7 mm) (EN 14904) 1.3 mm (at 8 mm) (EN 14904) 1.3 mm (at 9 mm) (EN 14904) 1.3 mm (at 10 mm) (EN 14904)

Installation

The elastic layer is installed in accordance with the installation instructions for **SPORTEC® standard LD**. The current installation instructions can be found on the homepage of KRAIBURG Relastec GmbH & Co. KG.

Other

Other: 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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