

The **SPORTEC® premium** elastic layer is made from recycled closed-cell rubber and recycled tyre rubber granules. It has been designed for exceptionally high shock absorption without exceeding the maximum permissible deformation limits (according to EN 14904). **SPORTEC® premium** therefore offers optimum protection for joints and minimises the risk of injury, which makes it the ideal solution for school facilities, leisure centres and multi-purpose sport complexes. This enhanced elastic layer therefore offers unrivalled flexibility and excellent ball rebound properties, and is easy to install.

Material

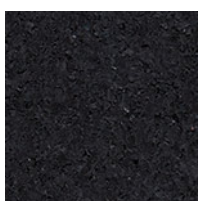
Material:

Special mixture of recycled cellular rubber and fine-grain recycled tyre rubber granules bonded with polyurethane elastomer.

Product design

Colour(s): black

Colour(s):



SPORTEC premium

Surface: fine granule structure

Dimensions / Tolerances / Weight

Thickness(es): 6, 7, 8, 9, 10, 12 and 14 mm (± 0.3 mm)

Roll width: 1,500 mm (± 1.5 %)

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Roll length:	20 m (at 6 mm)	12 m (at 10 mm)
	17 m (at 7 mm)	10 m (at 12 mm)
	15 m (at 8 mm)	9 m (at 14 mm)
	13 m (at 9 mm)	
	(± 1.5%)	
Density:	approx. 500 kg/m ³	
Area weight:	approx. 3.0 kg/m ² (6 mm)	
	approx. 3.5 kg/m ² (7 mm)	
	approx. 4.0 kg/m ² (8 mm)	
	approx. 4.5 kg/m ² (9 mm)	
	approx. 5.0 kg/m ² (10 mm)	
	approx. 6.0 kg/m ² (12 mm)	
	approx. 7.0 kg/m ² (14 mm)	

Product Testing

Fire resistance:	depending on PU top coating
Tensile strength:	min. 0.2 N/mm ² (EN ISO 1798)
Elongation at break:	min. 40 % (EN ISO 1798)
Force reduction:	> 51 % (at 14 mm)* (DIN V 18032-2, category 1) > 45 % (at 12 mm)* (DIN V 18032-2, category 2) > 45 % (at 12 mm)* (EN 14904, type P3) > 35 % (at 9 mm)* (EN 14904, type P2) > 25 % (at 6 mm)* (EN 14904, type P1)

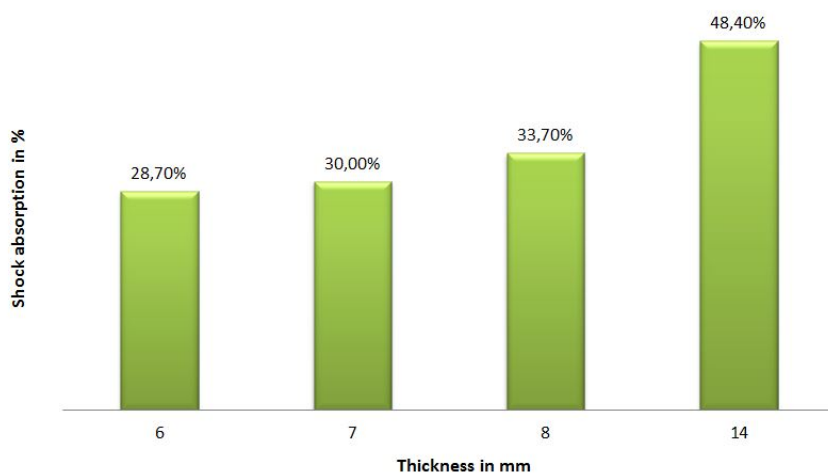
(* Indications for sports floor systems consisting of elastic layer and PU top coating)

(* given values are parameters, in individual case testing the system separately)

Energy Restitution:	(in accordance with CEN / TS 16717) 65 % at 6 mm 53 % at 10 mm
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VOC emission rating: French VOC Regulation (A+)

Shock absorption Elasticlayer:



Installation

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

Other

Other: 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.

DIN V 18032-2: All in DIN V 18032-2 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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