

color FR

Product data sheet no. 9137 - R - 05

Issue: June 2025

SPORTEC® color FR 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. Thanks of its excellent durability and high resistance to mechanical wear, **SPORTEC® color FR** is the all-rounder solution for rubber flooring. Choose from our range of colours and hues to create a room that matches your colour scheme, offers great walking comfort and absorbs impact and room noise.

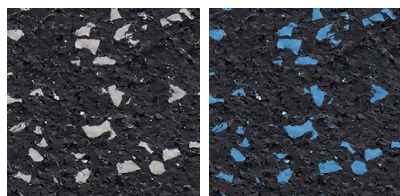
Material

Material:

Fine-grained recycled tyre rubber with colored EPDM granules, bonded with polyurethane binder. Equipped flame retardant.

Product design

Colour(s):



color FR grey, color FR blue

Surface: fine granulate structure, light glitter effect due to flame retardant

Type of floor covering: floor covering for indoor



Dimensions / Tolerances / Weight

Thickness(es): 4, 6, 8 and 10 mm (± 0.3 mm)

Roll width: 1,500 mm (± 1.5 %)

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Density:	approx. 1050 kg/m ³
Area weight:	approx. 4,2 kg/m ² (at 4 mm) 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:	C _{fl} -s1 (DIN EN 13501-1)
Tensile strength:	min. 1.5 N/mm ² (EN ISO 1798)
Elongation at break:	min. 70 % (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) 90% bei 4mm 88% bei 6mm 85% bei 8mm 83% bei 10mm
Abrasion:	max 200 mm ³ (DIN 53516) 132% abrasion index (ISO 4649-2017)
Coefficient of friction:	1.2 µ (DS) (EN 13893)
Anti-slip property:	R10 (DIN 51130)
Step sound insulation:	15 dB (bei 4 mm) (DIN EN ISO 10140-3:2015-11) 16 dB (bei 6 mm) (DIN EN ISO 10140-3:2015-11) 18 dB (bei 8 mm) (DIN EN ISO 10140-3:2015-11)
Remaining deformation:	0,16 mm (bei 4 mm) (ISO 24343-1) 0,15 mm (bei 6 mm) (ISO 24343-1) 0,14 mm (bei 8 mm) (ISO 24343-1)
Light fastness:	2-3 (grey scale) (DIN EN 105-B02:1999-09)
Castor chair suitability:	for permanent use adapted (DIN EN 1307: 1997-06)
VOC emission rating:	["6340"]
Shock absorption:	



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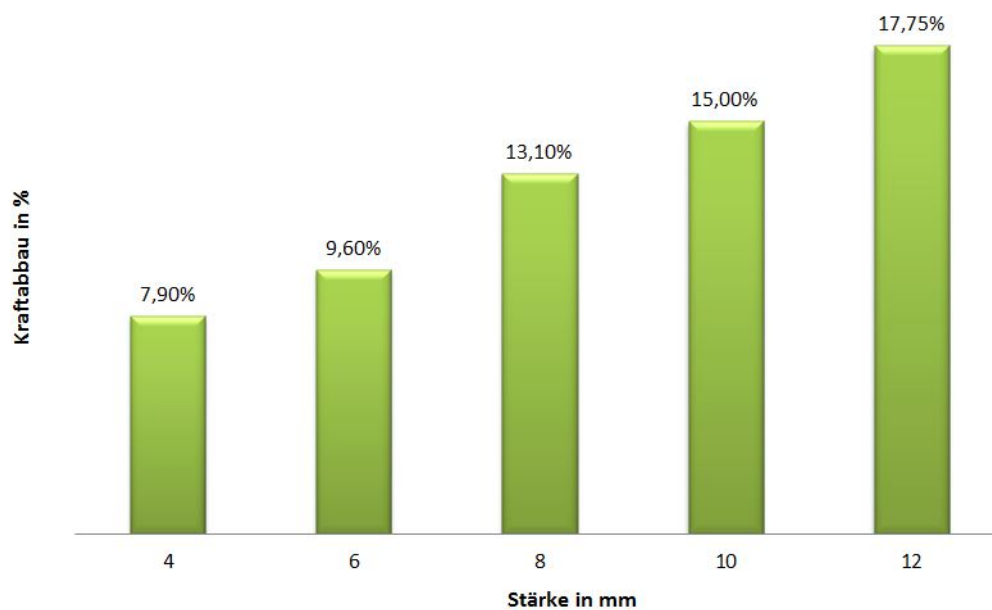
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Installation

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

Sealing

It is recommended to seal the floor covering **SPORTEC® color FR** 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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