

purcolor

Product data sheet no. 9124 - R-05

Issue: August 2025

SPORTEC® purcolor is the ideal flooring for offices, retail and outlets and other frequently used rooms. Thanks to its strong colours, it can be perfectly matched to the interior design, while offering effective impact and room noise and improved walking comfort. Other reasons that speak for **SPORTEC® purcolor** are the easy installation and cleaning of the floor covering.

Material

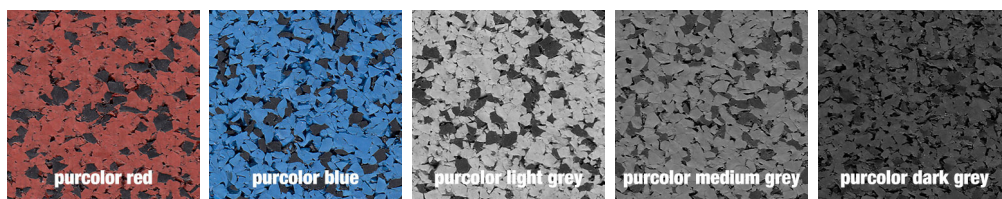
Material:

85% coloured EPDM granules and 15% black EPDM granules bonded with polyurethane elastomer.

Product design

Colour(s): light grey, dark grey, blue, red, middle grey
(other colours on request)
low colour differences are conditional of material

Colour(s):



Surface: fine granule structure with coloured EPDM granules

Type of floor covering: Floor covering for indoor

Dimensions / Tolerances / Weight

Thickness(es): 4, 6, 8 mm (± 0.3 mm)
(other thicknesses on request)



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Roll width:	1,250 mm ($\pm 1.5\%$)
Roll length:	30 m (at 4 mm) 20 m (at 6 mm) 15 m (at 8 mm) ($\pm 1.5\%$)
Density:	approx. 1,250 kg/m ³
Area weight:	approx. 5.0 kg/m ² (at 4 mm) approx. 7.5 kg/m ² (at 6 mm) approx. 10.0 kg/m ² (at 8 mm)

Product Testing

Fire resistance:	C _{fl} -s1 (B1) (DIN EN 13501-1)
Tensile strength:	min. 0.7 N/mm ² (EN ISO 1798)
Elongation at break:	min. 70 % (EN ISO 1798)
Hardness:	60 $\pm$ 5 Shore A (DIN 53505)
Temperature range:	-30°C to 80°C (internal test)
Energy Restitution:	% (in accordance with CEN / TS 16717) 86% at 4mm 82% at 6mm 78% at 8mm
Abrasion:	max. 450 mm ³ (DIN 53516) 35 % Abrasion resistance index (ISO 4649:2017)
Coefficient of friction:	0.88 μ (DS) (EN 13893)
Anti-slip property:	R 10 (DIN 51130) R 11 (sealed with RZ turbo protect zero + RZ grip)
Step sound insulation:	14 dB (at 4 mm) 15 dB (at 6 mm) 16 dB (at 8 mm) (DIN EN ISO 10140-3:2015-11)
Sound absorption:	$\alpha_w = 0.15$ (at 6 mm) (DIN EN ISO 354:2003-12) $\alpha_w = 0.15$ (at 8 mm) (DIN EN ISO 354:2003-12)



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Remaining deformation:	0.32 mm (at 6 mm) (ISO 24343-1) 0.36 mm (at 6 mm) (ISO 24343-1) 0.25 mm (at 8 mm) (ISO 24343-1)
Compression set:	approx. 15 % (internal tested)
Electrostatic properties:	-0.6 kV (EN 1815:2016)
Thermal resistance:	0.0139 m²K/W (at 4 mm) (DIN EN 12664:2001) (Suitable for underfloor heating)
Light fastness:	4 (5*) (grey scale) (DIN EN 105-B02:2002) 5 - 8 (blue scale) (ISO 105-B02:2014) (* when sealed with suitable 2-K-PU sealer)
Light reflectance (LRV):	value 30.5 % (at light grey) (EN 17317)
Castor chair suitability:	for permanent use adapted (DIN EN 1307: 1997-06) (Tested at 6 mm and 8 mm thickness)



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VOC emission rating:

French VOC Regulation (A+)
 French CMR components
 Italian CAM Edilizia
 ABG/AgBB
 Belgian Regulation
 Indoor Air Comfort
 Indoor Air Comfort Gold
 Formaldehyde Emission Class\$ (E1)
 Blue Angel (DE-UZ 120)
 BREEAM International (Exemplary Level)
 BREEAM-NOR (Exemplary Level)
 EU Taxonomy
 LEED v4.1 BETA (outside U.S.)

tested according to eurofins Indoor Air Comfort® Gold

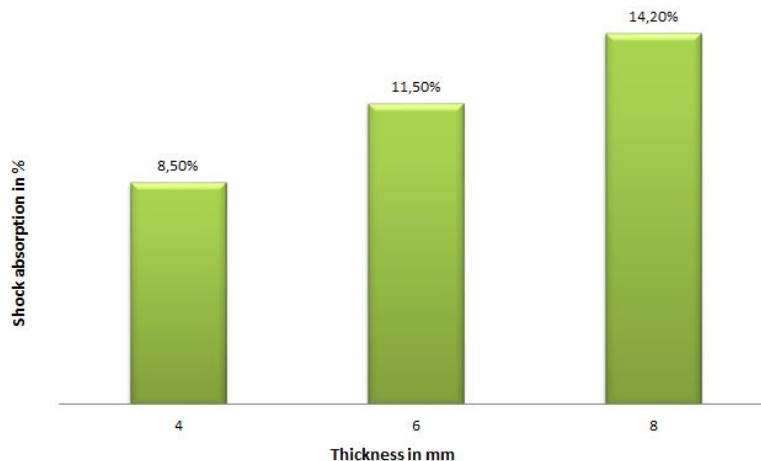


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Shock absorption:



Installation

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

Sealing

It is recommended to seal the floor covering **SPORTEC® purcolor** 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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