

fusion

Product data sheet no. 9131 - R-05

Issue: October 2023

SPORTEC® fusion consists of a technically advanced elastic layer made from SPORTEC® standard material and a tried and tested SPORTEC® UNI classic or SPORTEC® purcolor floor covering. This combination prevents damage to joints and other injuries and is therefore particularly recommended for indoor sports facilities in schools, leisure centres and multi-purpose buildings. The elastic layer and the top layer are delivered as pre-fabricated double-layer rolls. Less time is required during installation, because only the adhesion of the floor covering must be performed on the substrate.

Material

Material:

Top layer: Fine-grain EPDM colour granules bonded with PU-elastomer.

Elastic layer: Fine-grain recycled tyre rubber granules bonded with PU-elastomer.

Product design

Colour(s): red, blue (at SPORTEC® UNI classic)
light grey, red, blue (at SPORTEC® purcolor)
(other colours on request)
low colour differences are conditional of material

Colour(s):



Surface: SPORTEC® UNI classic (fine-grain)
SPORTEC® purcolor (fine-grain)

Lower side: SPORTEC® standard



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Note: The elastic layer and the top layer are delivered as pre-fabricated double-layer rolls.

Dimensions / Tolerances / Weight

Thickness(es):	8 mm (± 0.6 mm)
Roll width:	1,250 mm (± 1.5 %)
Roll length:	15 m (± 1.5 %)
Area weight:	approx. 8.3 kg/m ²

Product Testing

Fire resistance:	C _{fl} -s1 (B1) (DIN EN 13501-1)
Tensile strength:	min. 0.7 N/mm ² (EN 12230)
Elongation at break:	min. 70 % (EN 12230)
Hardness:	60 \pm 5 Shore A (DIN 53505)
Temperature range:	-30°C to 80°C (internal tested)
Force reduction:	approx. 20.9% (internal tested)
Ball rebound:	100 % (internal tested)
Abrasion:	max. 450 mm ³ (DIN 53516)
Coefficient of friction:	> 0.30 μ (DS) (EN 13893)
Anti-slip property:	R 10 (DIN 51130) R 11 (sealed with RZ turbo protect zero + RZ grip)
Step sound insulation:	18 dB (internal tested)
Light fastness:	4 (grey scale) (ISO 105-A02)



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VOC emission rating:



Installation

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