

UNI classic sandwich

Product data sheet no. 9130 - R-05

Issue: October 2023

SPORTEC® UNI classic sandwich consists of a technically advanced elastic layer made from SPORTEC® standard 2.0 material and a tried and tested SPORTEC® UNI classic 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. Both the elastic layer and the floor covering are supplied in rolls. The two layers are however installed separately. First, the elastic layer is glued to the substructure. After the adhesive has fully cured, the floor covering is glued to the elastic layer.

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):



Surface:

SPORTEC® UNI classic: fine-grain EPDM colour granules bonded with PU-elastomer.

Lower side:

SPORTEC® standard 2.0: fine-grain recycled tyre rubber granules bonded with PU-elastomer.

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Note: The elastic layer and the top layer are delivered as separately not agglutinated rolls.
Both will be glued on site.
Low colour differences are conditional of material.

Dimensions / Tolerances / Weight

Thickness(es):	top layer: 4 mm (± 0.3 mm)* elastic layer: 4 mm (± 0.3 mm)* (* other thicknesses on request)
Roll width:	top layer: 1,250 mm (± 1.5 %) elastic layer: 1,500 mm (± 1.5 %)
Roll length:	top layer: 30 m (± 1.5 %) (at 4 mm)* elastic layer: 30 m (± 1.5 %) (at 4 mm)* (* other lengths on request)
Area weight:	top layer: approx. 5.2 kg/m ² (at 4 mm) elastic layer: approx. 2.9 kg/m ² (at 4 mm)

Product Testing

Fire resistance:	C _{fl} -s2 (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)
Energy Restitution:	78% (in accordance with CEN / TS 16717)
Ball rebound:	100 % (internal tested)
Abrasion:	max. 450 mm ³ (DIN 53516)

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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)
Light fastness:	4 (greyscale) (ISO 105-A02)
VOC emission rating:	



Installation

Installation has to be done in accordance to the Installation Recommendation of **SPORTEC® UNI classic sandwich**. 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® UNI classic sandwich** 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.