

UNI versa sandwich

Product data sheet no. 9130 - R-05

Issue: June 2025

SPORTEC® UNI versa sandwich is a combination of our well-engineered elastic layer SPORTEC® standard 2.0 and our SPORTEC® UNI versa floor covering. This combination offers a maximum protection and safety while preventing joint damages and injuries. It proves its perfect suitability as outdoor sports surfacing for basketball, volleyball and multipurpose fields.

Material

Material:

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

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

Product design

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

Colour(s):



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Surface:	SPORTEC® UNI versa: coarse-grain EPDM colour granules bonded with PU-elastomer.
Lower side:	SPORTEC® standard 2.0: fine-grain recycled tyre rubber granules bonded with PU-elastomer.
Note:	The elastic layer and the top layer are delivered as separately not agglutinated rolls. Both will glue 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. 4.4 kg/m ² (at 4 mm) Elastic layer: approx. 2.9 kg/m ² (at 4 mm)

Product Testing

Fire resistance:	C _{fl} -s1 (B1) (DIN EN 13501-1) (fire classification SPORTEC UNI versa)
Tensile strength:	0.7 N/mm ² * (EN 12230)
Elongation at break:	59 %* (EN 12230)

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Hardness:	60 ± 5 Shore A (DIN 53505)
Temperature range:	-30°C to 80°C (internal tested)
Water permeability:	impermeable (EN 14877)
Wear behaviour:	2.9 g* (ISO 5470-1)
Force reduction:	20 %* (EN 14808)
Energy Restitution:	78% (in accordance with CEN / TS 16717)
Ball rebound:	100 %* (EN 14877)
Coefficient of friction:	0.80 µ (DS) (EN 13893)
Anti-slip property:	R 10 (DIN 51130)
Anti-slip properties:	C (DIN 51097) (wet-loaded barefoot areas)
Light fastness:	4* (grey scale) (ISO 105-A02)
ITF-Speed Class Test:	slow (1) (according to ITF CS 01/02)
Friction (dry/ wet):	101 / 56* (EN 13036-4)
Vertical deformation:	0.6 mm* (EN 14809)
Properties after aging:	fulfils all requirements* (EN 14836)
VOC emission rating:	French VOC Regulation (A+)

Installation

Installation has to be done in accordance to the Installation Recommendation of **SPORTEC® UNI versa sandwich**. Latest version of the Installation Recommendation can be downloaded at the website of KRAIBURG Relastec GmbH & Co. KG.

Other

Other: (* Test results for an UNI versa sandwich with 8 mm thickness, 4 mm + 4 mm)
(* according to EN 14877)

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