

## UNI versa sandwich

Product data sheet no. 9130 - R-05

Issue: January 2019

**SPORTEC® UNI versa sandwich** is a combination of our well-engineered elastic layer SPORTEC® standard 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:

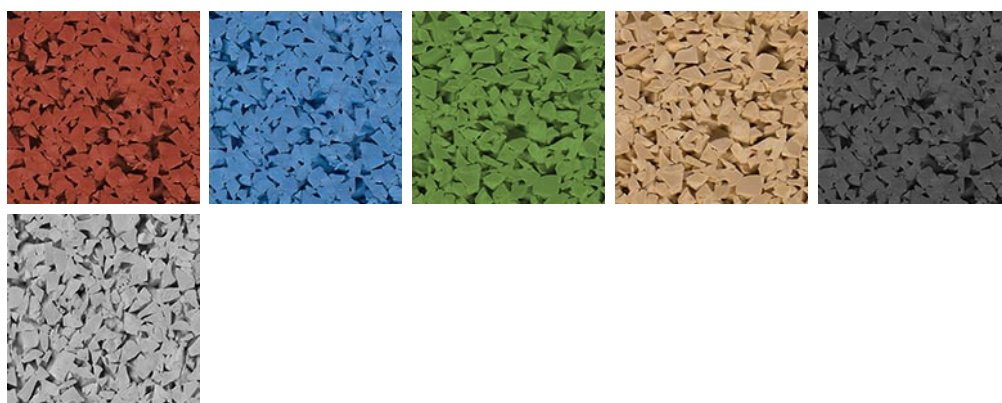
Top layer: coarse-grain EPDM colour granules bonded with PU-elastomer.

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

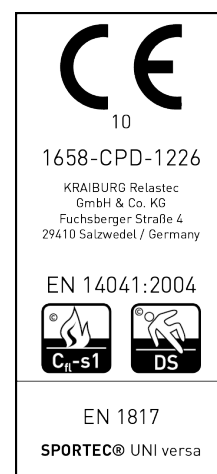
### Product design

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

Colour(s):



UNI versa red, UNI versa blue, UNI versa green, UNI versa beige, UNI versa dark grey, UNI versa light grey



The product data sheet is not subject to any change service! All information is without guarantee.

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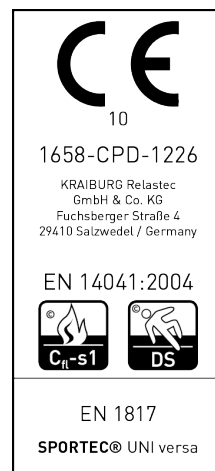
Surface:	SPORTEC® UNI versa (coarse-grain)
Lower side:	SPORTEC® standard
Note:	The elastic layer and the top layer are delivered as separately not agglutinated rolls. Both will glue on site.

### Dimensions / Tolerances / Weight

Thickness(es):	Top layer: 4 mm ( $\pm 0.3$ mm)
	Elastic layer: 4 mm ( $\pm 0.3$ mm)
	(other thicknesses on request)
Roll width:	Top layer: 1,250 mm ( $\pm 1.5$ %)
	Elastic layer: 1,500 mm ( $\pm 1.5$ %)
Roll length:	30 m (at 4 mm)
	(* other lengths on request)
Area weight:	Top layer: approx. 4.4 kg/m <sup>2</sup> (at 4 mm)
	Elastic layer: approx. 3.1 kg/m <sup>2</sup> (at 4 mm)

### Product Testing

Fire resistance:	C <sub>fl</sub> -s1 (B1) (DIN EN 13501-1) (fire classification SPORTEC UNI versa)
Tensile strength:	0.7 N/mm <sup>2</sup> * (EN 12230)
Elongation at break:	59 %* (EN 12230)
Hardness:	60 $\pm$ 5 Shore A (DIN 53505)
Temperature range:	-30°C to 80°C (internal tested)
Water permeability:	impermeable (EN 14877)
Force reduction:	20 %* (EN 14808)
Ball rebound:	100 %* (EN 14877)



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Coefficient of friction:	0.80 $\mu$ (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)
VOC emission rating:	

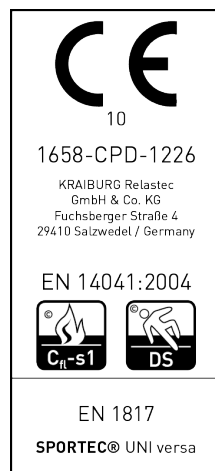


## Installation

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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