

## step neon

Produktdatenblatt Nr. 9227 - R - 13

Issue: August 2022

Unlike KRAITEC® step the recycled rubber slabs KRAITEC® step color und **KRAITEC® step neon** have an additional surface layer of approx. 10 mm of coloured virgin EPDM rubber. A wide range of colours are available for selection and combination in accordance with your ideas and wishes, allowing you to create a personalized, unique ambiance on your balycony and terrace. The unique surface layer of virgin EPDM rubber provides KRAITEC® step color and **KRAITEC® step neon** with outstanding durability and UV resistance. Excellent chlorine resistance making them ideal for use in walkways and edge surfacing around swimming pools.

## Material

Material:

Polyurethane-bonded recycled Rubbergranulate with a virgin EPDM top layer.(typical rubber smell possible)

## Product design

Colours:



bright blue, bright red, bright orange, bright green, bright yellow

Colour:	According to current brochure (minor colour variations and/or fading possible)
Surface:	Smooth with open pores, chamfered edges
Lower side:	Smooth with open pores, with drainage channels

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

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## **Dimensions / Tolerances / Weight**

Length x Width x Thickness: 500 mm x 500 mm, 30 mm

Tolerances: length and width  $\pm 1.5 \%$ , thickness  $\pm 2$  mm

Weight slab: approx. 5.3kg

Area weight: approx. 21.2 kg / m<sup>2</sup>

## Product Testing

Fire resistance:	Efl (B2) (DIN EN 13501-1) Broof (t1) (DIN EN 13501-5)
Chemical resistance:	conditionally resistant to acids and bases
Environmental resistance:	rot-proof and water-resistant
Compression under traffic load:	10 % at approx. 24 t/m <sup>2</sup> 20 % at approx. 50 t/m <sup>2</sup> (test method based on DIN EN ISO 3386-2)
	Corresponding to KRAITEC® step color.
Water permeability:	given by open pores
Water drainage capacity:	at hydraulic gradient $i = 0,015$ : 0.037 L/(m. s) in direction of drainage channels 0.022 L/(m. s) in transverse direction (test method based on DIN EN ISO 12958) at hydraulic gradient $i = 0,05$ : 0.097 L/(m. s) in direction of drainage channels 0.070 L/(m. s) in transverse direction (test method based on DIN EN ISO 12958)
	Corresponding to KRAITEC® step, as only EPDM-surface varies.
Frost-resistant:	yes
Coefficient of thermal expansion:	$\alpha_m$ ca. $10 \times 10^{-5}/^{\circ}\text{C}$
Salt water resistance:	Fully resistant (DIN EN ISO 175, DIN EN ISO 3386-2) corresponding to KRAITEC® step color.
UV-Resistance:	Fully resistant (DIN EN ISO 1297, DIN EN ISO 3386-2) corresponding to KRAITEC® step color. (Colour variations are possible due to environmental influences.)
Chlorine resistance:	Fully resistant (DIN EN ISO 175, DIN EN ISO 3386-2) corresponding to KRAITEC® step color.

### Impact sound insulation:

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The readings have been raised with the full specified layer structure in a laboratory measurement. (In accordance with ISO 10140)

Warm roof		
PIR-insulation 140mm	Waterproofing: Bituminous roofing membranes	Waterproofing: PVC roofing membranes
Impact sound insulation improvement	$\Delta L_w = 27 \text{ dB}$	$\Delta L_w = 32 \text{ dB}$
Layer structure (top to bottom)	<ul style="list-style-type: none"> <li>- KRAITEC® step</li> <li>- 2nd waterproofing layer: PYE PV 200 S 5, slate-coated</li> <li>- 1st waterproofing layer: G 200 S 4, talcum-coated</li> <li>- Insulation: PIR FA WLS 024 (140 mm)</li> <li>- Bitumen vapour barrier: V 60 S 4 + Al</li> </ul>	<ul style="list-style-type: none"> <li>- KRAITEC® step plus</li> <li>- Waterproofing: PVC 1,5mm</li> <li>- Insulation: PIR FA WLS 024 (140 mm)</li> <li>- Bitumen vapour barrier: V 60 S 4 + Al AL</li> </ul>

## Installation

Install in accordance with the KRAITEC® step installation instructions.

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## Other

Other: Plastic connector pins included, receiving holes drilled on two sides. Compatibility: Due to the large number of commercially available waterproofing membranes with different formulations, the compatibility (e.g. with plasticizers or blocking) must be approved by the manufacturer of the waterproofing membrane.

Disclaimer: We want to use this information to advise you to the best of our knowledge and belief on the basis of our tests and experience. However, KRAIBURG Relastec GmbH & Co. KG cannot provide a guarantee for KRAITEC® products for the laying results in individual cases due to the wide range of application possibilities and the storage, laying and construction site conditions, which are outside our influence. You should carry out your own tests. Our technical service would be pleased to assist you.