1. Application Sectors

Kraitec® step is a rubber granulate slab specially designed for protection of waterproofing membranes on flat roofs (e.g. walkways for roof maintenance personnel), balconies and terraces.
It is also used as a supporting underlay under systems installed on roofs (e.g. solar power units, antennas etc.).

2. Material

Polyurethane-bonded recycled tyre granulate.

3. Appearance / Surface Texture

Colour:	red, green, grey or black (minor colour variations and/or fading possible)
Surface:	smooth with open pores, chamfered edges
Lower side:	smooth with open pores, with drainage channels
Other data:	plastic connector pins included, receiving holes drilled on two sides (can be drilled on four sides on request)

4. Standard Dimensions / Tolerances

Length x width, thickness:	500 mm x 500 mm, 30 mm
Tolerances:	length and width ± 1.5 %, thickness ± 2 mm
Area weight:	approx. 20.8 kg / m², i.e. 5.2 kg / slab

This data sheet is not subject to change management! No liability accepted for errors or omissions.
The current valid version can be called up at www.kraiburg-relastec.com/kraitec

KRAIBURG Relastec GmbH & Co. KG
Fuchsberger Straße 4 · D-29410 Salzwedel
Fon +49-(0)3901-8304-63 · Fax +49-(0)3901-8304-463
wolfgang.grube-von-mulert@kraiburg-relastec.com · www.kraiburg-relastec.com

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U.S. GREEN BUILDING COUNCIL MEMBER

5. Test Data

Fire resistance:	E_{fl}	(EN 13501-1)
	$B_{roof}(t1)$	(DIN EN 13501-5)
Chemical resistance:	conditionally resistant to acids and bases	
Compression under traffic load:	10 % at approx. 18 t/m² 20 % at approx. 38 t/m² (test method based on DIN EN ISO 3386-2)	
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)	
Salt water resistance:	Fully resistant	(DIN EN ISO 175, DIN EN ISO 3386-2)
UV resistance of material:	Fully resistant (Colour variations are possible due to environmental influences.)	(DIN EN ISO 1297, DIN EN ISO 3386-2)
Chlorine resistance:	Fully resistant	(DIN EN ISO 175, DIN EN ISO 3386-2)

Coefficient of thermal expansion: α_m ca.10 x 10^{-5}/°C

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6. Installation

Install in accordance with the **Kraitec® step** installation instructions.

DISCLAIMER:
With our information we desire to advise you to the best of our knowledge and belief based on our trials and experiences. However, KRAIBURG RELASTEC cannot accept a warranty for the processing result in the specific case, due to the variety of use possibilities, and the storage, processing, and construction site conditions for our KRAITEC® products that are beyond our control. The customer must execute his own tests.
Our technical customer service organization is available to you.

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