

## ▮ **step** – Protective Slabs / Walkway Slabs

### Product Data Sheet

No. 9220 - R - 11

Issue: Feb. 2011

#### 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 $\pm 1.5$ %, thickness $\pm 2$ mm
Area weight:	approx. 20.8 kg / m <sup>2</sup> , i.e. 5.2 kg / slab

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#### 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/m<sup>2</sup>  
20 % at approx. 38 t/m<sup>2</sup>  
(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: Fully resistant (DIN EN ISO 1297, DIN EN ISO 3386-2)

Chlorine resistance: Fully resistant (DIN EN ISO 175, DIN EN ISO 3386-2)

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#### 6. Installation

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

#### DISCLAIMER:

The information and data given above are provided to the best of our knowledge based on our test results and experience to date. However, due to the multitude of possible applications and storage, processing and site conditions which are beyond our control, this information and data shall not be construed as a guarantee of any kind for installed KRAITEC® products or their performance in an intended application. Users are advised to carry out their own tests to evaluate suitability for their specific application.

Our Technical Service department will gladly provide further information or assistance as required.

This data sheet is not subject to an update service. All information and data are provided without engagement on our part.

Please visit [www.kraiburg-relastec.de](http://www.kraiburg-relastec.de) to download the currently valid version.