

1. General information

KRAITEC® top drain plus is a profiled, fleece-lined structural protection and drainage mat with a high drainage effect through and underneath the mat. Liquids can percolate through the filter fleece as far as the sealing layer and be dispersed with the aid of the profiled underside.

KRAITEC® top drain plus is exclusively designed for outside use.

KRAITEC® top drain plus can be cut with a commercial cutter. When cutting, make sure that the existing layers are not damaged!

2. Laying on bitumen sealing membranes

The area to be protected must be swept clean. Only a single layer of **KRAITEC® top drain plus** is intended. The strips are butt jointed and lay overlapping with the prefabricated fleece overlap. Please be advised that a fixing of overlaying fleece with adhesive tape is recommended. As a basic principle the strips are laid perpendicular to the longest dimension of a surface and, when doing so, laid in a T-joint offset pattern in accordance with the generally recognised technical standards or with the country-specific regulations.

KRAITEC® top drain plus must be laid as far as the top edge of the overlaying layers in the connection and completion areas. The substrate must have a minimum gradient of 2% in accordance with flat roofing guidelines. Laying in or for standing water is not permissible.

3. Laying on plastic sealing layers

If the product is compatible with the sealing layer, please proceed as above. Otherwise you will have to lay an additional suitable separation layer (e.g. polyester fleece) between the sealing layer and the **KRAITEC® top drain plus**. The necessary separation layer and material compatibility must be stated or approved by the roofing strip manufacturer.

4. Laying on balconies and terraces

In addition to the instructions for lying on bitumen sealing membranes and plastic sealing layers, the shortest distance between the rising components should be selected as a laying direction when using on balconies and terraces.

(Item 5 must be observed in addition)

5. Please note:

KRAITEC® top drain plus structural protection and drainage protection mats are to be covered (to be loaded) with gravel, sand, substrate, slabs etc. after laying in order to avoid unwanted dimensional changes due to weather influences and relaxation due to production factors.

Furthermore, temporary usage and possible soiling is to be avoided as this can considerably influence the technical properties. In this case additional protective measures should be carried out (e.g. covering with PE sheeting).

The function / lifespan for a special application has not been checked, please observe the exclusion of liability.

In order to avoid damage caused by longer periods of storage outdoors, you must ensure that **KRAITEC® top drain plus** structural protection and drainage mats are stored in a dry location and protected.

Exclusion of liability:

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.

These laying instructions are not subject to any updating service! All information is provided without liability.
The up-to-date valid version can be called up from www.kraiburg-relastec.de/kraitec

Page 2 of 2