

## 1. Installation on PVC / plastic waterproofing membranes

The surface to be protected must be swept clean. For single-ply, loose installation, a longitudinal seam overlap of at least 5 cm, and a transverse seam overlap (head butt) of at least 10 cm must be complied with.

For installation on roof gardens, an overlap of at least 10 cm on all sides is required. The product must always be installed offset in the bond/joint-offset, in accordance with generally accepted engineering practice.

If there is heavier stress, we recommend a 2-ply protective layer, installed offset with an overlap on all sides of at least 10 cm, to avoid a contiguous joint formation, in accordance with the flat roof directives, FLL and generally accepted engineering practice, or the country-specific regulations.

**KRAITEC® top plus** must be installed up to the upper edge of the overlying layers in the termination and connection area. The possibility of standing water must be excluded, water drainage (surface water) must be ensured (at least 2% slope).

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

## 2. Installation on balconies and terraces

In addition to the regulations for installation on plastic waterproofing membranes, for use on balconies and terraces, it is also necessary to select the shortest distance between the ascending components as the installation direction.

(In addition, point 4 must also be complied with.)

## 4. Point loads and linear loads

For point loads and linear loads the structural protection layer can be cut to size in suitable pieces or strips and installed. This type of load includes stilt supports, sleepers, individual constructions (structures such as air conditioning systems), etc.

For special constructions, consultation with the manufacturer is required.

## 5. Thickness recommendation

The thicknesses that must be selected depend on the building and the load case, and therefore must be specified by the planner.

A double-ply, offset installation always provides a higher protective effect than is provided with a single-ply layer of the same thickness.

## 6. Please note

**KRAITEC® top plus** building protection sections must be covered (loaded) with gravel / sand / substrate / paving slabs immediately after they are installed, to avoid undesired dimensional changes due to the influence of weather or production-related de-tensioning. It is possible that a delamination of the geotextile may occur (no permanent fixing). Please be advised that this incident does not affect the functionality of the product and its effectiveness at all.

This instruction must be particularly complied with when using exposed, temporary protection ply under scaffolds or as walkway protection. In such cases the overlap width must be increased.

Moreover, for temporary use compatibility with the substrate must be verified to avoid possible discoloration due to chemical or mechanical interactions. If necessary an additional separating layer must be used.

The function/service life within these special applications has not been verified, please note the exclusion of liability.

For longer storage outdoors, ensure that the **KRAITEC® top plus** is stored where it is protected from UV radiation.

### Exclusion of liability:

With our information we desire to advise you to the best of our knowledge and belief based on our tests and experiences. However, KRAIBURG Relastec GmbH & Co. KG 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.