

Installation Instruction

Protection and Storage Fleece RMS 500

1.) Description:

Synthetic fleece for protecting the roof waterproofing combined with separating and water storage functionality. According to the requirements of the FFL- Green Roof Guideline with an increased geotextile robustness class (GRK).



2.) Area of Use:

- Roofs with a synthetic, bituminous roof seal as protection against increased mechanical stress
- As a separation layer for material incompatibilities between the roof seals and root barrier membranes

3.) Delivery:

- Rolls: 100 m² per roll (2 x 50 m)
- Weight: approx. 270 kg/pallet

4.) Storage:

- Flat, dry storage; protection against UV radiation necessary over longer storage periods

5.) Installation:

- The whole roof area must be clean and all sharp-edged elements must be removed
- Any laying direction, no topside or bottom side specified
- Joints in direction of slope: lower layer should be covered by bottom layer

According to the FLL green roof guideline, the protection mat has to be installed with a 10 cm overlap. It is necessary to ensure that the protection mat is raised to the height of the overall system build-up on the vertical lines of the roof penetrations and dome bases.

If the protection mat will be not fully covered by the following system build-up (e.g. if the fleece which is moved up to the attic coverage), it is necessary to ensure that the protruding parts will be protected against UV radiation (e.g. with insertion profiles).

The overlapping parts at the joints can be stuck together with a hot air gun to avoid shifting of the joints. When applying the substrate, no substrate or bulk material should be allowed to accumulate under the protection mat.

If any accumulation occurs during the blowing process of the substrate, all the substrate and bulk material should be completely removed.

If the protection mat is not covered with the following system layers after installation, the protection mat should be weighed down using weights or wetted with water.