

Preverde base element – finishing; planting raised border

In this system structure, border plants form the visible top layer. To create sufficient substrate height, an aesthetically finished wooden elevation has been installed in the element. This elevation also acts as a visible border separation and provides a sleek and natural finish. By placing several modules next to each other, a sleek and uniform whole with a natural look is created. The modular system also makes it easy to seamlessly combine different finishes, such as tiles, greenery or other pavements. This makes the system structure suitable for a variety of applications in gardens.

*Technical specifications such as weights and water buffer depend on the chosen materials and thickness of the infiltration layer and are calculated per project.



Details

This application is structured from bottom to top as follows.

1. Infiltration or retention crate The infiltration or retention crate creates a space for rainwater. Rainwater is temporarily collected here and then gradually infiltrated into the soil or drained into the rainwater drainage. This increases water storage, by disconnecting the water drainage from the roof in gardens in the system, the discharge to the sewer is also reduced.
2. base element The Preverde base element forms the basis of the system. All other components are mounted on it, creating a stable and modular structure.
3. Border structure The modular Corten steel elevation raises the planting areas and creates extra volume for the substrate. This promotes the development of the plants. The exposed wooden edge also gives the border a natural look.
4. Substrate wool The layer of substrate wool ensures efficient water management. The material buffers rainwater, makes it available to the plants and contributes to healthy growth of the lawn.
5. Substrate The substrate, together with the substrate wool, forms the growing medium for the lawn. This layer provides the necessary nutrients, air and water to the roots and ensures a healthy development of the turf.
6. Border plants Border plants form the visible top layer of the system. These are medium-tall perennials, such as ornamental grasses, lavender and coneflower, which require more root space and substrate. They provide a colorful, natural look.