

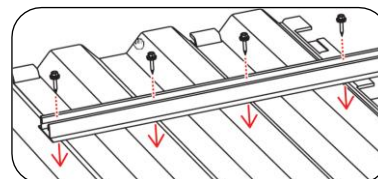
K2 Information Sheet

System Configuration – GreenRoof 2.0 with PE-Baseplates

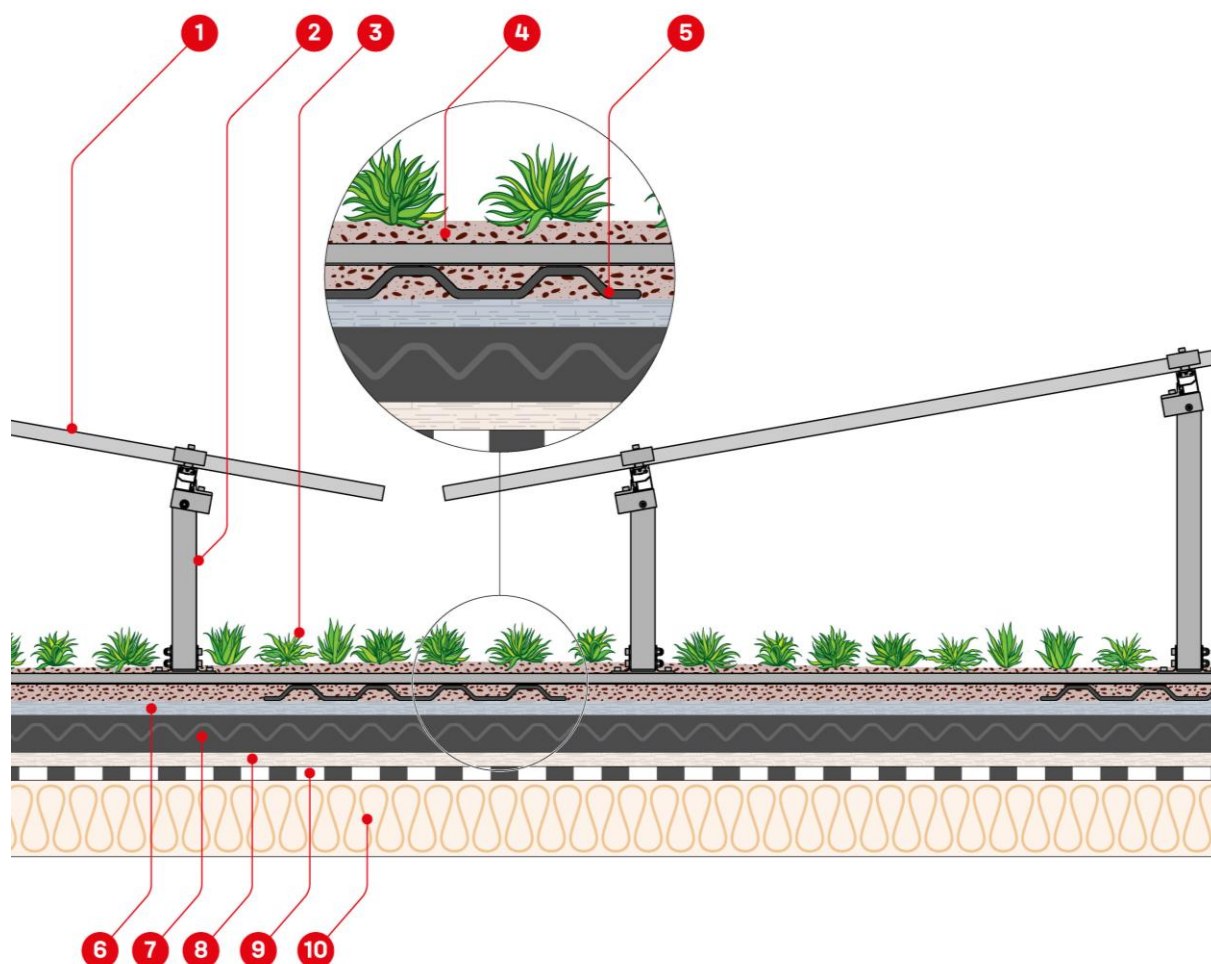
When installing the **K2 GreenRoof 2.0** mounting system, the substrate can be used as ballast to counteract with the uplift forces acting on the system.

By **integrating PE-Baseplates**, the amount of additional ballast required to secure the PV system can be reduced. The number of PE-Baseplates is determined on a project-specific basis by using our planning tool K2 Base.

Fixing is carried out by using **four self-drilling screws**. These are installed from above through the **BasicRail** and fastened to the raised corrugation of the PE-Baseplate.



For correct installation, a schematic illustration of the typical green roof build-up in combination with the **GreenRoof 2.0** system and the **PE-Baseplate** is shown below:



- 1 PV-module
- 2 K2 Green Roof 2.0 mounting system
- 3 Vegetation
- 4 Substrate
- 5 PE-Baseplate
- 6 Filter Fabric

- 7 Drainage Layer (optional)
- 8 Protection Fleece
- 9 Root-Resistant Waterproofing Membrane
- 10 Roof Structure (Thermal Insulation, Vapour Barrier, Tapered Insulation, Load-Bearing Structure)