

MAXIDRAIN INTENSIVE GREEN ROOF SYSTEMS

*Sedum Vegetation

Extensive Green Roofs are both economic and ecologic that require very low maintenance and provide a meadow effect. However, on the other hand, Intensive Green Roof Systems practically allow us to grow almost all normal gardening plants.

*Maxilit Substrate

It is the type of the Green Roof System (Extensive, Semi Intensive or Intensive) that determines the height of the substrate. Minimum substrate height should be 80 mm and up. The ratio and the quantity of the substrate mixture may vary depending on the type of the vegetation to be grown.

*Filter Fleece

Produced by heat bonding of PP fibers in non-woven form, it filters the water coming down from the substrate and never clogs unlike ordinary needle punched non-woven geotextiles. Resistant to decay.

*MAXIDRAIN Drainage and Water Reservoir Board

High Impact Polystyrene boards reserve water coming from the irrigation or rain to be used for drought season and drains the excess water to the outlets by screed to falls. Heights of the dimples depend on the type of the Green Roof (20, 25 or 40 mm). Double sided dimpled form allows aeration which is vital for the survival of the vegetation.

*GK-500K Protection-Water Retention Layer

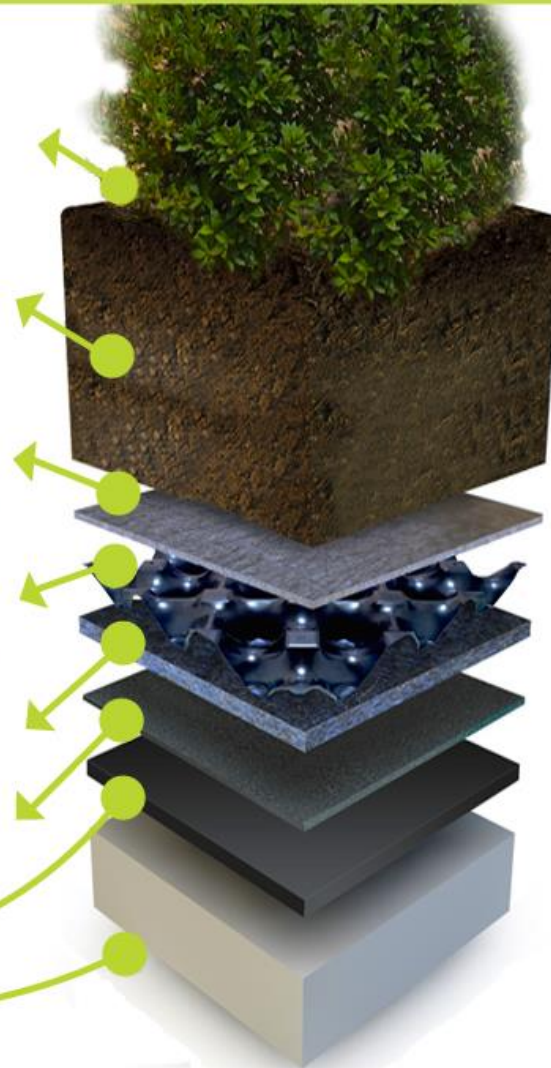
This layer not only helps us protect the waterproofing from mechanical damages during installation but also reserves extra water which is used by the plants by transpiration. The geotextile to be used in this layer should be minimum 500 gr/m² in mass for a proper protection and adequate water retention.

*FW-400 Root Barrier

It protects the waterproofing from the harmful effects of the roots.

*Waterproofing

*Concrete Slab



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