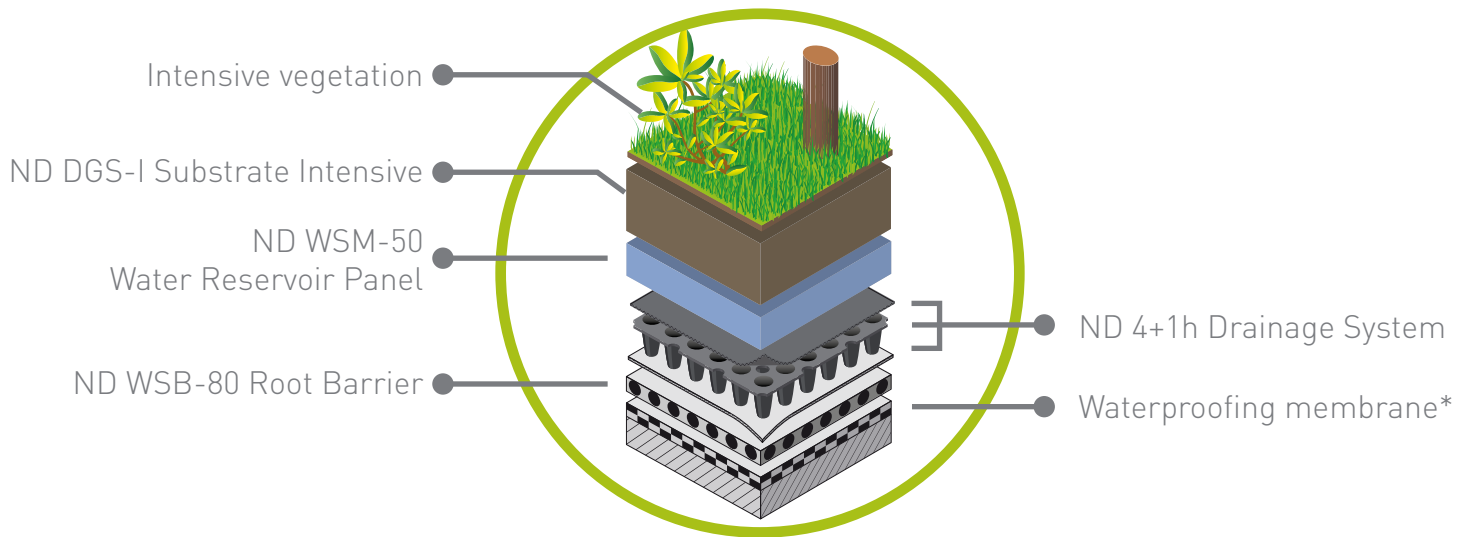


Nophadrain Intensive Green Roof System

Extra filter



*Optional ND WSB-80 Root Barrier: if the waterproofing membrane isn't root resistant.

Explanation of build-up

The ND WSM-50 Water Reservoir Panels can act as an extra "filter layer" so that finer substrates or sandy soil with a higher organic content can be applied / used. As a result, a more natural soil structure is built, in which more soil life (micro-organisms) is possible and which will increase biodiversity. This also has an economic advantage because the raw materials of the substrates are locally available, so that the substrates can be produced and supplied with lower costs.

Tested: Kiwa MPH Bautest GmbH - Research of filter stability ND WSM-50 Water Reservoir Panels in combination with top soil / investigation into drying behavior.

It also adds an extra water buffer that takes the water balance on the roof to the next level. This ensures more transpiration and evaporation, which lowers the temperature in the city. More information about the many advantages of the ND WSM Water Reservoir Panels? Go to www.nophadrain.com/wsm.