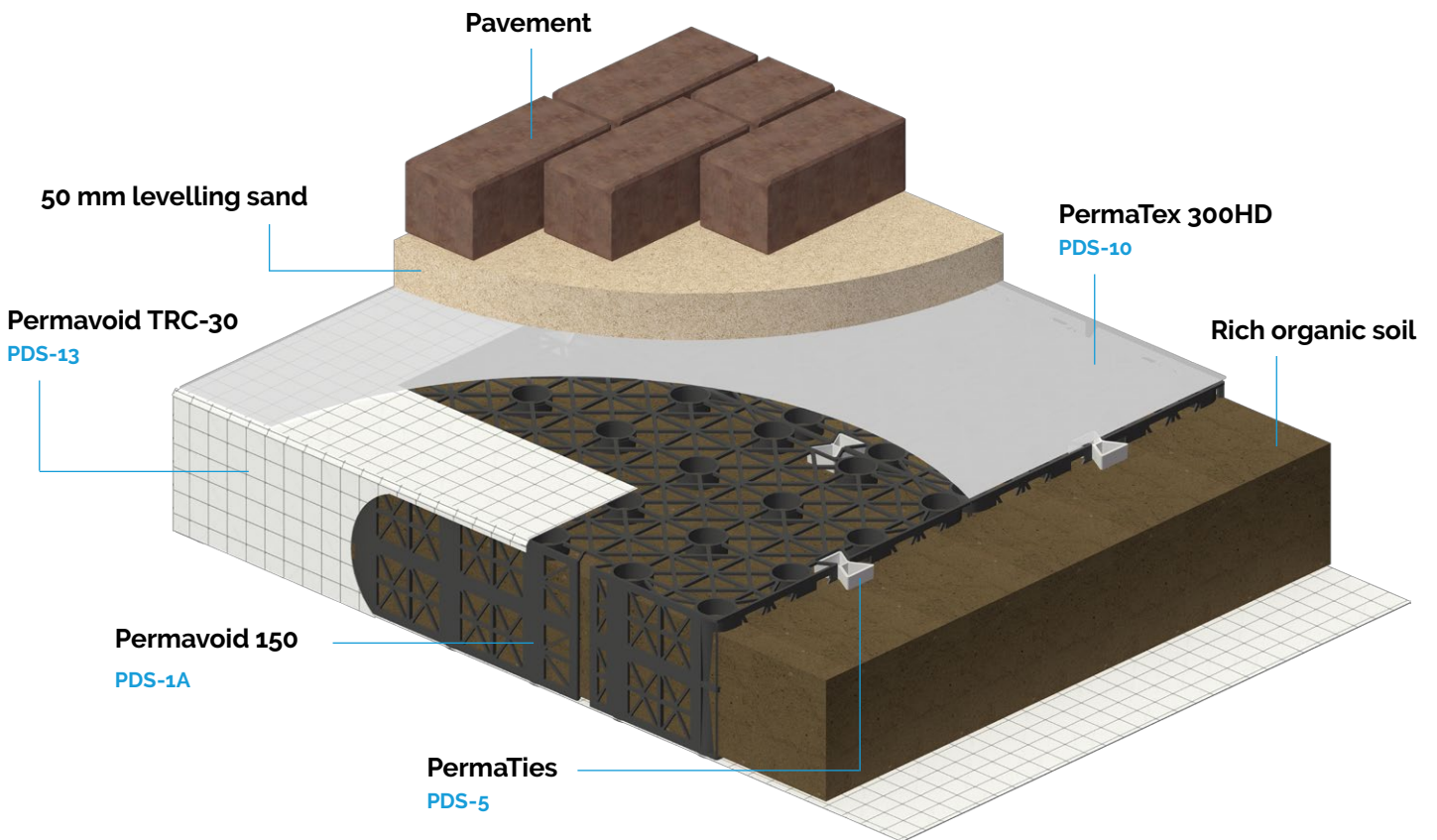


# PERMAVOID SANDWICH CONSTRUCTION WITH MULCH



## Mulch, just like in the forest

It is possible to fill the PermaVoid units with a very rich organic soil. This soil will simulate the natural mulch layer in a forest and slowly release nutrients to the soil beneath as rainwater passes through. Certainly in profiles with limited rootable volume due to restricted depth or high groundwater levels, this option optimises the available space to sustain tree root development beneath the hardscape.

## Case studies



Amstelvlietstraat, Amsterdam



IJburg, Amsterdam

### Note:

The Permavoid Sandwich Construction has to be used in combination with a suitable soil. This soil is characterized by a narrow bandwidth in grain size distribution, sufficient organic material to provide the tree with nutrients for a longer period of time, enables root growth in the entire volume and facilitates soil gas exchange. These types of soils are referred to as (Amsterdam) Tree Sand or Sand Based Structural Soils. The quality of the applied Tree Sand and correct application are essential and integral requirements of a successful growing site for trees with the Permavoid Sandwich Construction. More details on the soil specifics are available upon request.

Visit [www.permavoid.com](http://www.permavoid.com) to download our latest company brochures and product data sheets (PDS).

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