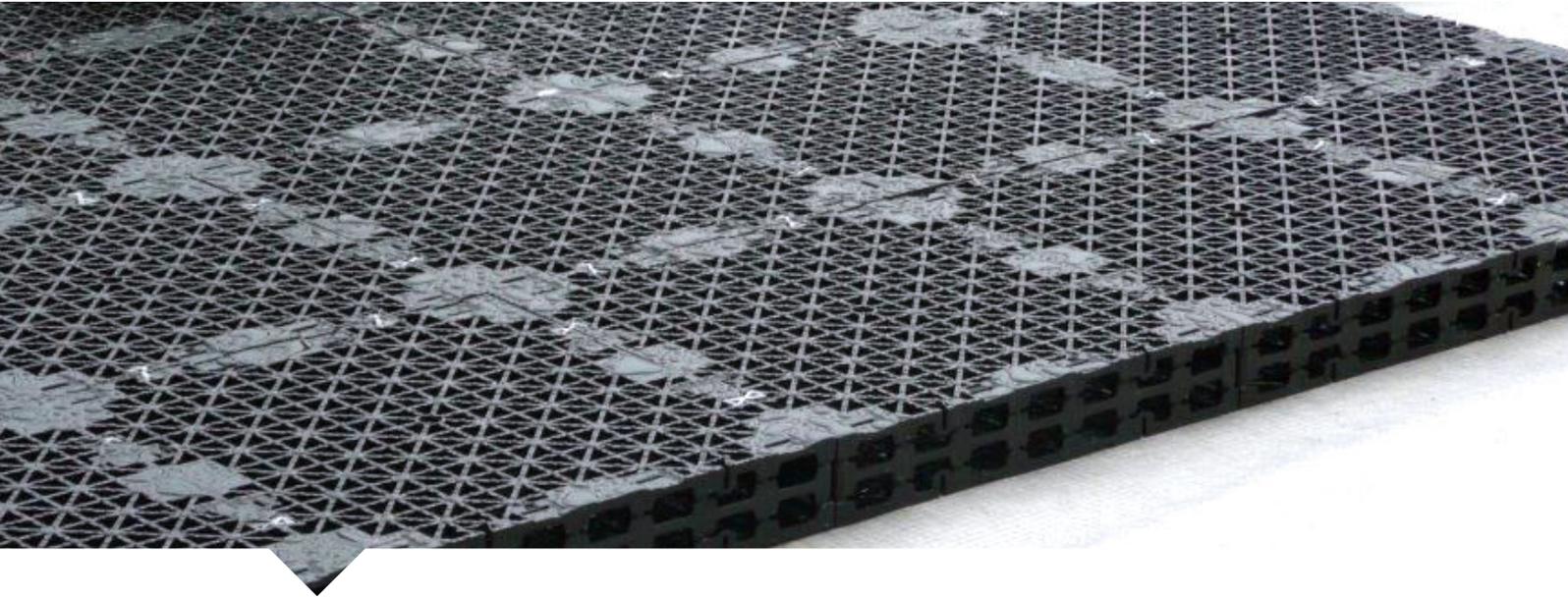




Installation guidelines

SandwichBox

Load bearing and -spreading system



Application: sandwich construction around new planted tree

This manual describes the construction of the sandwich construction around trees. In this guideline, no explanation is given on how the underlying load-bearing and submergable substrate should be processed. Apply structural soil according to the supplier's guidelines.

Other applications

Passive water **absorption** system, stormwater retention and water uptake by **absorption** forces

Vertical drainage, deep drainage or wall drainage

Horizontal drainage; roofgarden drainage

Water infiltration, shallow subsurface infiltration



NOTE

Step 1 - Level the structural soil

The load-bearing structural soil must be levelled.

Load bearing and -spreading systems can only be applied on top of structural soil. Apply structural soil according to the supplier's guidelines.



NOTE

Optional - Tree root directing panels

Place the tree curbing around the tree pit as showed in the project drawings (before or after placing sandwichbox).

If the distance to the tree is less than 2 meters, we recommend the use of RDP (Root Directing Panels). This is to prevent damage of curbing and pavers caused by the zone of rapid taper.



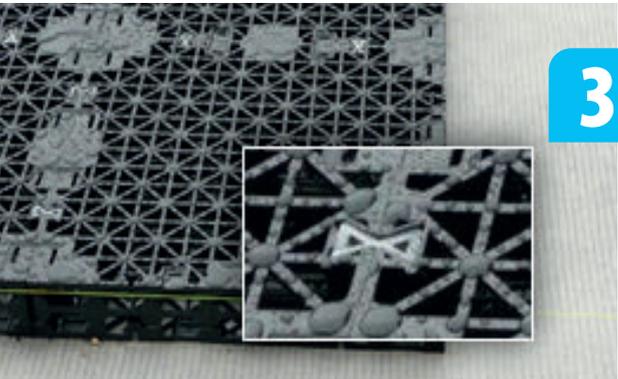
2

Step 2 - Lay out the combigrid

Place a layer of reinforced geotextile (combigrid) over the compacted and levelled structural soil.

Leave an extra overlap for folding over the boxes. Minimum 20cm overlap on top of the boxes.

Mutual overlap min 50cm.



3

Step 3 - Placing the SandwichBoxes

Place the SandwichBoxes close to each other and connect them with the supplied connectors (8 connectors per box).



4

Step 4 - Folding over the combigrid

After placing and connecting the boxes, fold over the combigrid. Minimum 20 cm combigrid should be left on top of the boxes. Secure the combigrid from sliding back.

Folding the combigrid is essential in order to absorb forces.



5

Step 5 - Cover up with geotextile

Cover up the top of the system with a geotextile.

System is now ready for pavement. Use a sand or gravel layer, layer dimension 5 up to 10cm.

Overlap between separate slaps min. 25cm

Do not use stabilised sand or gravel (e.g. sand/cement mix).

NOTE