

# Product Data Sheet

## Roof Tree Anchorage Robafix®

Order No. 9010



Root ball anchorage system designed specifically for tree plantings on buildings; load distributing and held in place by superimposed load.



Ratchet lever removable after tightening the belts.

### Features

- Quick installation due to preassembled grid elements
- Suitable for root balls with a diameter of up to 0.8 m
- Adaptable to the respective root ball diameter by inserting the holding points accordingly
- Stays securely in place even in particularly loose roof substrates
- Easy fixation of the root ball by tensioning the strap using a removable ratchet
- No risk of damage of the waterproofing
- Load distributing disc

### Technical Data

#### Roof Tree Anchorage Robafix®

The tree anchorage system Robafix® was developed specially for root ball anchoring on intensive Green Roofs and underground car parks.

It consists of

- 3 x 3 preassembled grid elements made of recycled plastic, total area 1.0 m<sup>2</sup>,
- 3 anchorage base plates made of aluminium, dimensions ca. 400 x 400 mm each, each with a stainless steel eyelet that can be pushed through the grid from below,
- set of belts, consisting of three fixation belts with locking clasps and a tensioning strap, each 50 mm wide,
- 1 coconut fibre mat as protection of the root ball, diameter 800 mm.

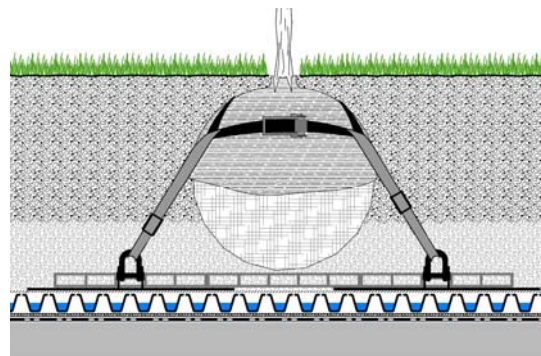
Since the holding plates can be positioned anywhere under the approximately 1 x 1 m grid element, the system allows individual adaptation to the diameter of the root ball and at the same time prevents contraction of the holding points. The root ball is permanently stabilized and carving out of the tree from the substrate by wind pressure or suction becomes impossible.

Robafix® is applied directly over the protection mat or over the filter sheet of the green roof system build-up, penetration free, and is suitable for roofs with an inclination of up to 5°.

The ratchet lever applicable to tighten the tensioning strap is available separately.

### Example

„Tree planting within the System Build-up ‚Roof Garden‘ with Floradrain® FD 40-E“



**Tree Anchorage System Robafix®**  
with strap, fixing belts, grid elements and anchorage base plates

System Substrate „Roof Garden“

Zincolit® Plus as sub-substrate

Filter Sheet SF

Floradrain® FD 40-E

Protection Mat ISM 50

Roof construction with root resistant waterproofing

### Specification Suggestion

Tree anchorage system specifically for intensive green flat roofs and underground garages, consisting of grid elements made of recycled plastic, area 1.0 m<sup>2</sup>, three anchorage base plates made of aluminium with eyelets of stainless steel, fixing and tensioning belts and a root ball

protection made of coconut fibres, delivery and installation according to manufacturer's instructions.

Make: ZinCo Robafix®

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