FROM TREE STRAPS TO SOD

Everything for gardens and parks

vanwalraven.com



Planting Site Setup

To make sure you have everything you need, Van Walraven offers a complete package for garden and park projects.

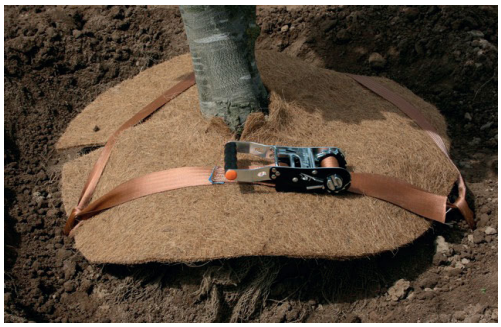
Root Problems

To prevent uncontrolled root growth, choose root guidance or root barrier products. Root barriers create root-free zones so, for instance, cables won't get damaged. The key condition is that the distance between the barrier wall and the tree must be at least 2 meters.

Root guidance helps protect, for example, a walkway from invading roots. It also ensures the tree develops solid stability through healthy root growth. Use root guidance within 2 meters of the trunk. All root barrier and root guidance products come in a range of sizes and materials. Van Walraven is happy to advise you.

Tree Anchoring

Securing trees both above and below ground is becoming increasingly common. Van Walraven offers tree strapping on a roll for above-ground anchoring. For below-ground use, root-ball anchoring is the solution. It's very easy for one person to install. With anchoring, support stakes are no longer needed. The root-ball anchoring system is also available in a bio-based version. After about 5 years, the straps release, helping prevent root girdling.



Below-ground anchoring with root-ball anchorage



Above-ground anchoring with tree straps

Trunk Protection

To protect the trunk from mower damage and rodents, a wide range of guards is available. Offered in multiple colors, with plenty of ventilation holes so the trunk still gets enough light and airflow.



Tree protection in practice

The New Tree Pit

Typically, a tree pit is kept as small as possible—planted, left bare, or covered with a grate. Maintenance is mostly limited to frequent hoeing, picking up litter, and removing and hauling away fallen leaves.

In many existing streets, stormwater storage is a real challenge—and tree roots often push up the pavement. It doesn't have to be that way. A tree pit can be designed to do more, helping create a more attractive streetscape.

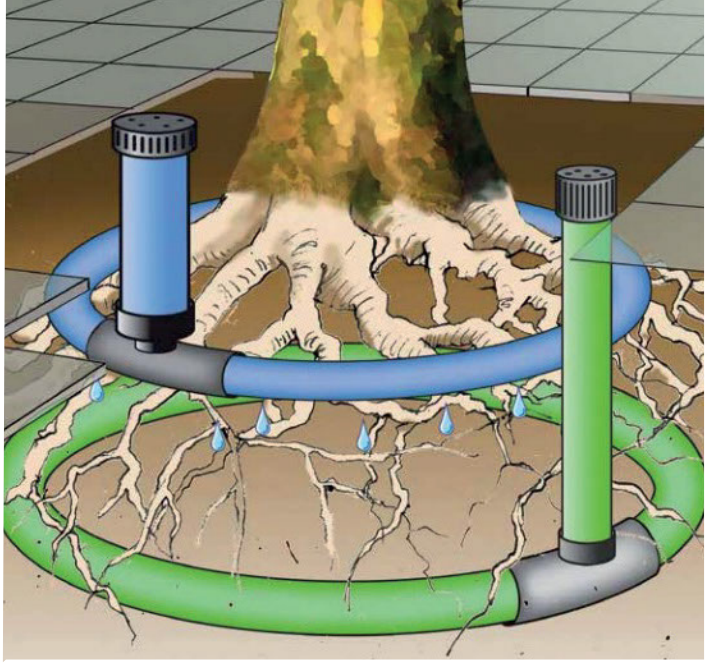
A new tree pit includes:

- A raised edge
- A permeable surface
- Water storage and buffering in the root zone
- Lush, lively planting
- A leaf-litter cycle

The above supports a vigorous tree, reduces root-related pavement heave, cuts costs for landscape maintenance, boosts biodiversity, and promotes healthy soil. The result: a healthier streetscape and a more pleasant place to live.

Tree pit example





Example aeration system

Aeration and irrigation

When tree pits are surrounded by paving and are too small, AirMax can be used. AirMax is the aeration system that supplies trees and shrubs with enough oxygen when tree pits are paved and too small. It's very easy to install, with a wide range of components to choose from.

AquaMax is the irrigation system that provides trees and shrubs with sufficient water. Both systems are available in various package options.

Watering rings

To give trees enough water, you can use a watering ring. An added benefit is protection from things like mower damage. Using a coconut mat or wood chips helps prevent erosion and drying out.



Example watering ring

Compostable planting-site setup

Natudrain is a flexible drainage pipe used for aeration, and it's also suitable for watering. The material is made entirely from bio-based polymers, making it biodegradable and compostable.



Natudrain flexible drainage pipe

Need advice or a custom quote? We're happy to help!

infra@vanwalraven.com

Soil and Turf Protection

To protect soil and turf, we offer gravel grids, grass pavers, turf grids, and LDPE film.

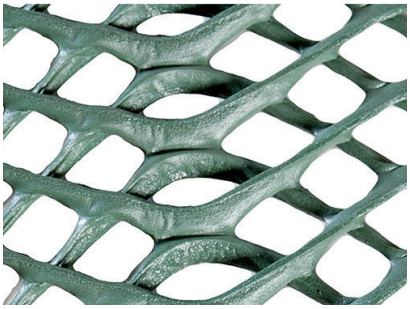




Gravel grids in white or black

Gravel Grids

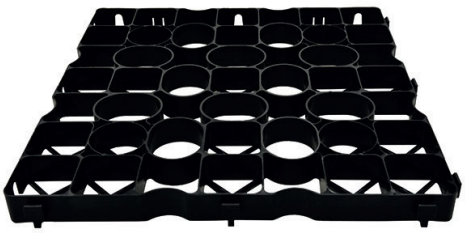
Premiumgravel is a high-quality gravel stabilization grid made from PP. It creates an exceptionally stable base for driveways, parking areas, patios, and walkways when filled with decorative gravel. The gravel locks into the honeycomb structure, helping prevent rutting, settling, or shifting. These gravel grids come with a sturdy geotextile layer (weed barrier).



Temporary Grass Protection

Temporary Grass Protection

For temporary protection of a grass field, a plastic grass-protection mat is available. A reinforcement mat with a non-slip surface. UV-resistant and suitable for vehicle loads from (delivery) cars and caravans. Also suitable for permanent use if desired. Supplied on a roll for easy installation.



Permanent Grass Protection

Permanent Grass Protection

Premiumgrass is a high-quality grass paver that creates a stable, green surface for driveways, parking areas, patios, and walkways. Premiumgrass pavers help prevent ruts and potholes from forming. The pavers are UV- and frost-resistant.



LDPE Film

LDPE film

Ideal for covering stockpiles, for example, or as a separation layer where water must not pass through in addition to soil. LDPE film is easy to install, even when the strictest requirements must be met. It's also chemical- and UV-resistant and highly durable. LDPE film is produced in various thicknesses, ranging from 0.2 to 1.5 mm. Custom sizes available, too! Applications: construction of reservoirs, dams, canals, tunnels, ponds, storage and landfill sites, and storage of materials such as manure.