

DuPont™ Plantex® RootProtector

Installation guide

Preparation

DuPont™ Plantex® RootProtector is a water-permeable root barrier designed to prevent root pressure. For correct use of Plantex® RootProtector, you must follow the recommended installation instructions. The product can be installed both horizontally and vertically. Individual lengths must be connected using the connection method recommended by us.

The installer must take local conditions into account, as these are general recommendations.

Site preparation

Please note! The preparation must always be carried out.

The surface must **always** be prepared before installing the fabric.

1. Remove sharp objects and large stones.
2. The ground must have an adequate sub-base to support the projected traffic
3. Use a compactor to stabilise and strengthen the area before installing Plantex® RootProtector
 - a. To get a uniform formation/subgrade, it is also possible to fill in around 10cm gravel of 0/8 gravel size aggregate before compacting.

General instructions

Please note! These general instructions must always be followed.

The choice of installation method and materials is the responsibility of the contractor and must be tailored to the specific conditions of the location.

Important:

- Always choose the widest rolls to minimise the number of seams.
- Only walk on boards laid over the fabric.
- Do not drive vehicles over unprotected fabric. Prevent damage and creasing.

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Installation

Option 1: Horizontal installation

1. Roll out Plantex® RootProtector lengthwise across the surface to reduce the number of seams.
 2. Install at extremities upwards to protect the aggregate against root intrusion as shown on the graphic.
 3. Fill up with a drop height limited to 80 cm for gravel sizes up to 250 mm maximum size
- > For larger surfaces, use an overlap of at least 50 cm.



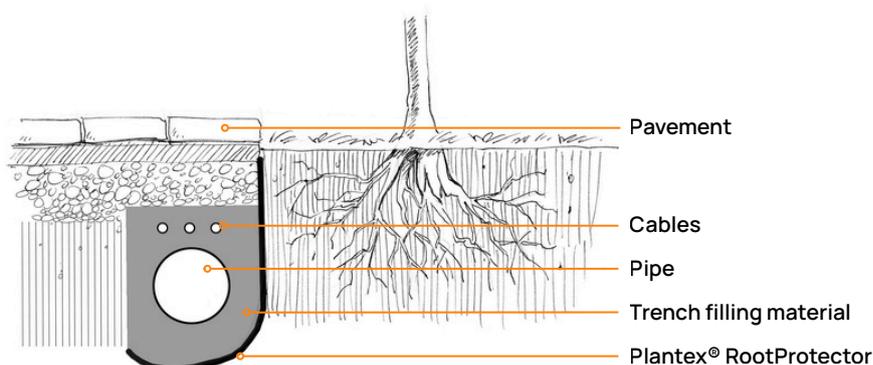
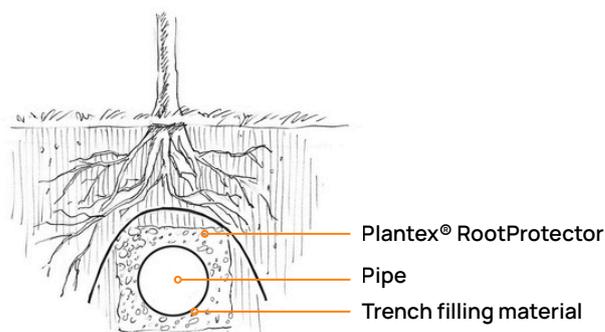
Option 2: Vertical installation

Important:

There are different installations possible depending on the purpose of protection against root growth. Contact the infrastructure owner for minimum distances to keep to the infrastructure installations.

1. Unroll Plantex® RootProtector in the excavated trench or ditch.
2. Fill up with a drop height limited to 80 cm for gravel sizes up to 250mm, when filling up on RootProtector.
3. Refill the trench and compact the soil by press or vibration plate.

> For vertical, smaller projects (maximum height 2 m), an overlap of 10 cm is recommended; use the adhesive method with special adhesive or butyl tape to join the strips.



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Other

If the above options are not suitable for the location, please contact us.
We will be happy to help you find a suitable solution.

Joining techniques

There are two options for connecting DuPont™ Plantex® Rootprotector: glueing and butyltape. Depending on the size and nature of the project, we can advise you on the most suitable method. Please note: **Joints always pose a potential risk.**

Both methods require very clean bonding surfaces (free of dust, oil and moisture). The outside temperature can also affect the quality of the bond. It is essential that the recommendations regarding the use of the adhesive are followed carefully.

