

Dupont™ Plantex® Platinum Installation guide

Preparation

Dupont™ Plantex® Platinum is a weed control product developed to combat invasive and aggressive plants such as giant hogweed, horsetail and, in particular, Japanese knotweed.

For correct use of Plantex® Platinum, you must follow the recommended installation instructions. The product can be installed horizontally on flat terrain or on slightly sloping embankments, in which case additional considerations may be necessary. Individual lengths must be joined using the joining method recommended by us.

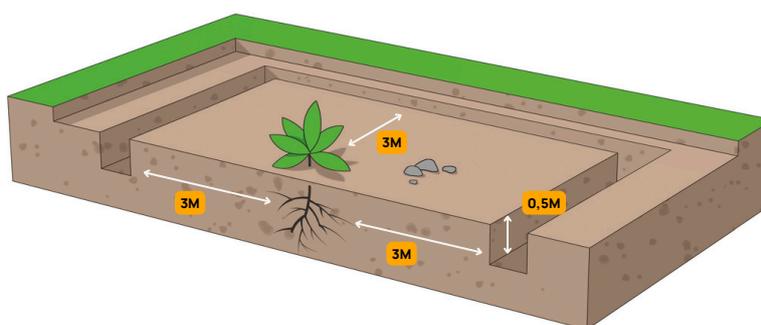
This manual primarily describes the installation of Plantex® Platinum and does not describe all the precautions and regulations necessary for the management of Japanese knotweed and other invasive species. Follow local guidelines for the destruction or controlled removal of invasive plant material.

Site preparation

Please note! The preparation must always be carried out according to the steps below.

The ground must **always** be prepared before installing the fabric. Plant material from contaminated sites must never be disposed of near or within compost sites or green waste. Even small pieces of rhizomes can cause further spread. Always consult local guidelines for correct and safe disposal.

1. Mark the area to be covered and extend it 3 metres beyond the contaminated area. This extra distance weakens the rhizomes and roots when they attempt to spread. If this distance is not possible due to existing buildings, see general instructions.
2. Cut the plants as close to the ground as possible and shred the stems.
3. Remove 20 cm of soil.
4. Remove sharp objects.
5. Dig a trench around the 3-metre extended area, at least 50 cm wide and 50 cm deep.



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. When used along riverbanks, it may be necessary to weigh down the fabric to prevent it from being washed away.

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.

Installation depending on the situation on site:

If there are structures that make an expansion area of 3 m impossible, the type of existing structures, i.e. paths, buildings, etc., will determine which installation method should be chosen.

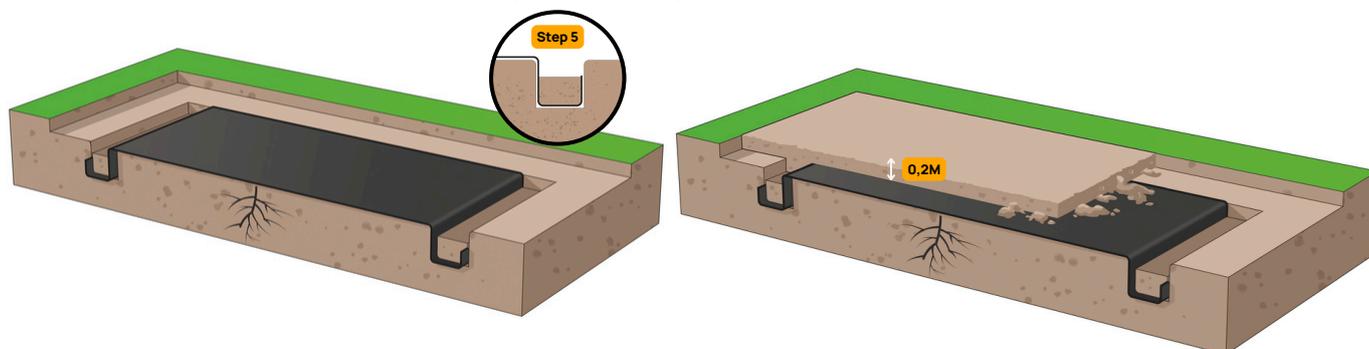
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Option 1: Installation on a horizontal surface

1. Place Plantex® Platinum in the trench.
2. Roll out the fabric over the installation area to the opposite trench.
3. Repeat this on the second trench side.
4. For larger areas, use the adhesive method with special adhesive or the sewing method to connect the sections.
5. Fill the trenches with clean soil without damaging the fabric.
6. Always cover the fabric with at least 20 cm of clean soil to prevent UV damage and ensure it remains effective for several years. .

> Refer to the [warranty terms and conditions](#) for the product warranty.

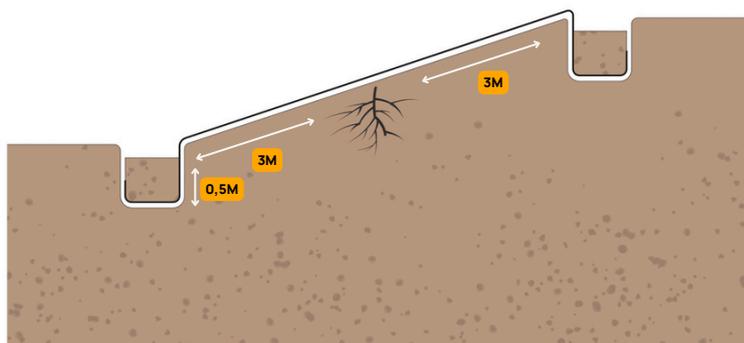


Option 2: Installation on slopes or embankments

Important:

It is recommended to first attach the rolls to each other on a flat surface, preferably at the bottom of the slope, if possible next to the contaminated area, and then carefully slide the fabric over the contaminated area, taking care to avoid damage.

1. Start at the top of the slope.
2. Fold the fabric into the upper slot and work your way down.
3. Repeat this at the bottom of the slope.
4. Fill the slots without damaging the fabric..
5. Place an erosion mat on top of the fabric, 50 cm longer than the Plantex® Platinum.



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Option 3: Installation on river banks

When Plantex® Platinum is installed close to a riverbank and near or in contact with flowing water, it is recommended to add ballast to the material to prevent it from floating. Since the material is made of high-quality polypropylene and therefore has a lower density than water, ballast is needed to keep it in its final position.

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 methods for installing DuPont™ Plantex® Platinum: glueing and sewing. Depending on the size and nature of the project, we can advise on the most suitable method; in some cases, a combination of both is used. However, under no circumstances can a guarantee be given for the installation and connections of the material; **Joints always pose a potential risk.**

> Sewing

The sewing is carried out by the service team, which uses a specially developed sewing method for this purpose. Previous projects have shown that this method achieves the best results.

> Glueing

This technique requires 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.

1. Unroll the Platinum adhesive tape and cut it to the desired length.
2. Using the adhesive comb, spread Platinum adhesive along the edge at the bottom of the material (fig. 1).
3. Then apply the top piece of material to the bottom piece, completely covering the area with adhesive (fig. 1).
4. Using the adhesive comb, apply the Platinum adhesive to both sides of the joint (fig. 2).
5. Place the adhesive tape in the middle over the adhesive (fig. 2).
6. Apply pressure with a roller to strengthen the bond between the two parts.

