

Attaching pieces of RootBarrier®

You can choose from two methods of attaching pieces of RootBarrier® material:

- ◆ Butyl Tape
- ◆ NEW and even easier: Click Connection!

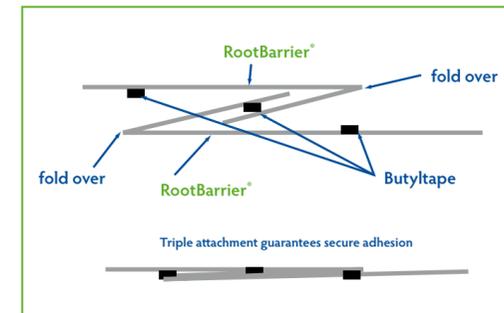


4

Butyl Tape is a double-sided, polyethylene-based adhesive tape coated on both sides with a thermally applied layer of unvulcanised rubber.

- Step 1:** Make sure that the RootBarrier® material is clean and dry.
- Step 2:** Crease the ends of the RootBarrier® from top to bottom.
- Step 3:** Affix the Butyl Tape as shown in the drawing
- Step 4:** Attach the pieces of RootBarrier® material as shown in the drawing

Standard length: 10 metres per roll
Standard width: 25 mm



The Click Connection.



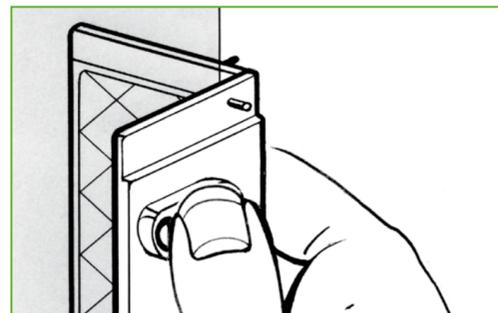
Click Connection

5

This is a neat, simple way to connect pieces of RootBarrier® material. Just click: no extra tools needed.

- Step 1:** Position RootBarrier® with its coated side next to the roots.
- Step 2:** Slide the RootBarrier® material as far as possible into the clamp. Tighten the clamp by pressing firmly on the pressure points.
- Step 3:** To install a second or third clamp, slide the two elements over one another until the catch falls into the hole. Click the clamp together here as well.

Need to re-open the clamp?
Simply push a screwdriver into the opening.



Using the Click Connection for a project in Rotterdam.



DuPont™ Plantex® Pro

1



Plantex® Pro is an easily installed, horizontally positioned weed barrier that is porous enough to admit nutrients, water and air to the soil it covers. This means that it keeps the soil from drying out and increasing in acidity, while also preventing weeds from taking root! DuPont™ Plantex® Pro is easy to cut and does not fray. It can be covered with such materials as pebbles or wood chips. If you would rather not cover the membrane, another option would be DuPont™ Plantex® Gold.



DuPont™ Plantex® Gold

2



DuPont™ Plantex® Gold is a heavier weed barrier that is also UV resistant. DuPont™ Plantex® Gold will keep even the most aggressive weed species from taking root. This product is brown on one side and black on the other so that you can better match its colour to the surrounding soil for a more natural look.



DuPont™ CocoMat™ Pro

3

DuPont™ CocoMat® Pro was developed especially for inclines and steep slopes: a material composed of one layer of Plantex® weed barrier covered with a thick top layer of coconut fibres. Plants, shrubs and trees can easily be inserted through the material for planting, weeds are kept out and the upper layer cannot be washed away during heavy rain.



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DuPont™ Plantex® Pins /
DuPont™ Plantex® Bio Pins

4

DuPont™ Plantex® Pro, DuPont™ Plantex® Gold and DuPont™ CocoMat® Pro can all be installed with the specially designed DuPont™ Plantex Pins: 13-cm. galvanised mounting clips that make sheets and mats easy to keep in place.

DuPont™ Plantex® Bio Pins are biodegradable mounting clips used to keep Plantex® Pro in place. These mounting clips will dissolve within about six months.



Ground Cover

5

Ground Cover is a geotextile for use under such materials as gravel, potting compost or decking tiles. Ground Cover has better water permeability than woven weed mats (banded fabric); no puddles will form on it, even after heavy rain.



DuPont™ GroundGrid™

6

DuPont™ GroundGrid® is a three-dimensional, flexible geotextile grid used for surface stabilisation: the perfect base for driveways, car parks, golf courses and sports fields covered in artificial surfaces. When filled with aggregate, soil, sand or another infill, its honeycomb structure provides an ideal surface for landscaping and construction projects. The loose infill material and the porosity of the geotextile cell walls ensure that water can penetrate in both vertical and horizontal directions, thus making DuPont™ GroundGrid® the ideal choice for sustainable drainage systems.



*In accordance with warranty declaration

Give nature a helping hand!



RootBarrier® 325

1



RootBarrier® 360

2



RootBarrier® 420 UV

3



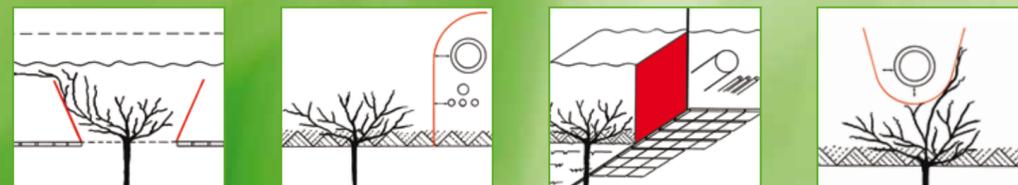
Butyl Tape

4



Click Connection

5



Why use RootBarrier®?

DIMENSIONS OF ROOTBARRIER® PRODUCTS

THE THREE ROOTBARRIER® PRODUCTS



We all enjoy beautiful trees and shrubs. But trees and shrubs need roots to grow. These dense woody roots can sometimes cause problems. They can spread to places where we would rather see other plants, damage cycle paths or road surfaces and push pipes or cables aside. RootBarrier® is the solution. RootBarrier® allows roots to grow but ensures that they are diverted away from certain areas in their search for water and nutrients.

How does RootBarrier® work?

RootBarrier® does exactly what its name suggests: it forms a RootBarrier®. Instead of being installed horizontally (like weed barriers), RootBarrier® is installed vertically. RootBarrier® is a non-woven, 100% polypropylene geotextile made from heat-bonded filaments covered with an extruded coating.

When you place the membrane with its coated side next to the roots, the roots are unable to penetrate this surface and are 'forced' to grow downward.

How is RootBarrier® used?

RootBarrier® can be installed in various ways:

- ◆ Vertically as a partition between roots and sewage pipes, cables, foundations, roads and pathways
- ◆ Vertically around trees, shrubs or plants such as bamboo
- ◆ Wrapped around sewage pipes, cables or mains

RootBarrier® is 100% waterproof, strong yet flexible and light-weight. It is resistant to bacteria and most chemicals and can be completely recycled after use.



Standard dimensions of RootBarrier® 325 and 360:

Length 25 m

Width:	50 cm	65 cm	100 cm	130 cm	150 cm	200 cm
m ² / roll:	12,5 m ²	16,25 m ²	25 m ²	32,5 m ²	37,5 m ²	50 m ²
Weight per roll:	4 kg	5 kg	8 kg	11 kg	13 kg	17 kg

Length 50 m

Width:	50 cm	65 cm	100 cm	130 cm	150 cm	200 cm
m ² / roll:	25 m ²	32,5 m ²	50 m ²	65 m ²	75 m ²	100 m ²
Weight per roll:	8 kg	11 kg	17 kg	22 kg	25 kg	33 kg

Upon request, RootBarrier® 325 is available in the following widths: 250 cm, 300 cm, 350 cm and 400 cm.

Standard dimensions of RootBarrier® 420:

	Length 25 m			Length 50 m		
Width:	70 cm	100 cm	140 cm	70 cm	100 cm	140 cm
m ² / roll:	17,5 m ²	25 m ²	35 m ²	35 m ²	50 m ²	70 m ²
Weight per roll:	7,5 kg	10,5 kg	15 kg	15 kg	21 kg	30 kg

All technical specifications are listed on our website.



RootBarrier® 325 installed in Amersfoort in 1994.



RootBarrier® installed in Roosendaal.



RootBarrier® 325 installed in France in 1994.



RootBarrier® also perfect for use around cables.



RootBarrier® 325

1

RootBarrier® 325 is a grey, flexible, easily installed, vertically positioned RootBarrier® covered on one side with an extruded coating. RootBarrier® prevents roots from trees and shrubs from spreading into places where they are not wanted. Roots are not hindered in their growth but simply redirected in their search for water and nutrients. RootBarrier BV gives a 25-year warranty on RootBarrier® 325 when installed next to trees and shrubs.* If you need a RootBarrier® to control really aggressive roots such as bamboo or reeds, RootBarrier® 420 UV is the solution!

The use of 100% polypropylene non-woven geotextiles makes this product extremely strong and impossible for roots to penetrate while still being light in weight and easy to install.

- ◆ suitable for protecting foundations, pipes and cables
- ◆ one-sided coating: simple but effective



RootBarrier® 420 UV

3

RootBarrier® 420 UV is black. Made from a stronger and heavier geotextile than RootBarrier® 325, it is sturdier but still flexible. Just like RootBarrier® 325, it is waterproof, resistant to bacteria and most chemicals and completely recyclable. In addition, this RootBarrier® product is more UV resistant so it can be left partially above the soil surface; this makes it easy to prune away the undesired runners that some plants produce. RootBarrier® 420 UV is the only RootBarrier® that also includes a 25-year warranty for preventing aggressive roots such as bamboo and reeds from growing through it!*

- ◆ UV resistant
- ◆ flexible
- ◆ provides a barrier from either side

*In accordance with warranty conditions listed on our website



RootBarrier® 360

2

RootBarrier® 360 is similar to RootBarrier® 325 except that it is coated on both sides. This makes RootBarrier® 360 even sturdier as well as being a barrier from either side. Consider how handy RootBarrier® 360 would be to keep the roots of two trees or shrubs from growing together. This would make it simpler to remove one or both plants from the soil at a later stage.



Installing RootBarrier® 420 in a garden in Rotterdam.



RootBarrier® 325 being installed for a street renovation project in Gescher.



We use the Click Connection to attach the ends of RootBarrier® 420.