



### Material

- High-density polyethylene (HDPE)
- Produced from 100 % recycled material
- 100% recyclable
- Colour: black
- Long lifespan (min. 100 years)
- Clean and easy to install
- UV-resistant
- Waterproof
- Flexible
- Resistant against chemical elements and micro-organisms
- Impermeable to tree- and bamboo roots (bamboo by RootBlock® 2 mm)

### Dimensions

Rolls	1 mm - 50 mtr	2 mm - 25 mtr
Height	Type	Type
50 cm	WB/BB 50/1	WB/BB 50/2
60 cm	WB/BB 60/1	WB/BB 60/2
75 cm	WB/BB 75/1	WB/BB 75/2
100 cm	WB/BB 100/1	WB/BB 100/2
150 cm	WB/BB 150/1	WB/BB 150/2
200 cm	WB/BB 200/1	WB/BB 200/2

**Extra option:** coupling profile  
Other thicknesses/heights of root barriers available upon request

## HDPE Root Barrier

# RootBlock

The 1 or 2 mm thick RootBlock® is a heavy duty Root Barrier from our range (other thicknesses available upon request).

RootBlock® is suitable for any type of plant root and soil. RootBlock® is cost effective, has a high quality and long lifespan. HDPE is a clean and environmentally friendly material and it will not affect the soil unlike products made from PVC. That is why RootBlock® is 100% recyclable and re-usable.

RootBlock® 2 mm is also suitable for aggressive rooting species such as bamboo.



Coupling Profile



### Material

- Polyethylene based on residual sugar cane waste
- Produced from 100% recycled material
- 100% recyclable
- Colour: brown
- Long lifespan (min. 100 years)
- Clean and easy to install
- UV-resistant
- Waterproof
- Flexible
- Resistant against chemical elements and micro-organisms
- Impermeable to tree- and bamboo roots (bamboo by RootBlock® 2 mm)

### Dimensions

Rolls	1 mm - 50 mtr	2 mm - 25 mtr
Height	Type	Type
50 cm	WB/BB 50/1 BIO	WB/BB 50/2 BIO
60 cm	WB/BB 60/1 BIO	WB/BB 60/2 BIO
75 cm	WB/BB 75/1 BIO	WB/BB 75/2 BIO
100 cm	WB/BB 100/1 BIO	WB/BB 100/2 BIO
150 cm	WB/BB 150/1 BIO	WB/BB 150/2 BIO
200 cm	WB/BB 200/1 BIO	WB/BB 200/2 BIO

**Extra option:** coupling profile  
Other thicknesses/heights of root barriers available upon request

### HDPE Root Barrier

# RootBlock Biobased

RootBlock® is suitable for any type of plant root and soil. The commonly used root barrier is made from HDPE (high density polyethylene) but is also now available made from a Biobased plastic, which is produced from the waste sugar cane and is also known as 'green polyethylene'. Re-using the waste from sugar cane has meant a new and sustainable alternative to standard polyethylene can be offered.

RootBlock® Biobased is fully recyclable and the green polyethylene material can be mixed with standard HDPE.

This ensures that the Biobased RootBlock can be recycled in the same process as the PE root barriers and is re-usable many times.

The product is awarded the 'I Am Green' Logo. This logo may only be used in products that have the waste of sugar cane as a base material, using green polyethylene helps to reduce greenhouse gasses. In this way we hope to contribute to the development of the sustainable Biobased green cities.



### Material

- 100% recycled material
- 100% recyclable
- Colour: grey
- Long lifespan (minimum 50 years)
- Clean and easy to install
- Waterproof
- Flexible
- Resistant to chemical elements and microorganisms



Produced from household waste



Produced from household waste

## Circular RootBlock

**In recent years, household waste separation has become common practice in the Netherlands. Many municipalities offer free collection of plastic packaging in transparent bags, also known as PMD bags.**

Thanks to improved processes, the collected plastic in PMD bags can now be used to produce higher-quality new products, which was not always the case in the past. Our circular root barrier wall is entirely made from our household waste collected in PMD bags. Of course, after some time, this root barrier wall can also be returned with plastic waste, recycled, and reused for further production.

The various recycled products and colours result in the raw material having a grey/anthracite colour. This is simply the original colour of the material as it is supplied, without colour corrections, which may cause slight variations in colour.

RootBlock® circular is suitable for any type of root and soil. It is inexpensive to purchase, highly durable, and of the highest quality.