

# Safeguard Root Barrier

## Product Description

Protection of a roofs waterproof layer from roots in Green Roof applications is important for the longevity of the roof system. If the waterproof layer doesn't already have root resistant qualities then a root barrier should be introduced. In these situations **Safeguard Root Barrier** can be installed on top of the primary waterproofing system.

In addition to providing a root barrier layer for green roofs, **Safeguard Root Barrier** can also be used to provide efficient protection against invasive root growth for urban infrastructures - e.g. piping, pavements, paved areas, roads, water and sewage networks, cabling etc...

## Benefits

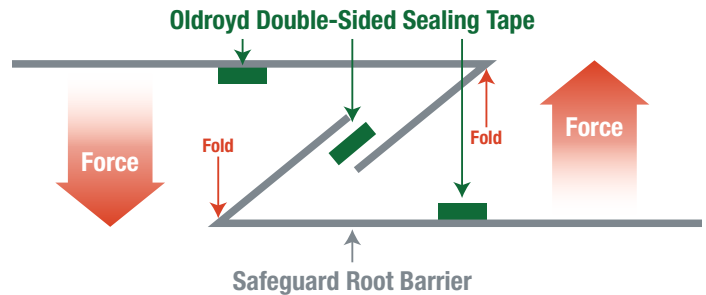
- Based on a DuPont™ Xavan® fabric with an impenetrable, smooth green coating
- Efficiently prevents rhizome propagation
- Easy and quick to install
- Rot-resistant in soil
- Completely recyclable (100% Polypropylene)

## Properties

Appearance	Grey and Green
Size(s) & Packaging	2 m x 25 m
Coverage	50 m <sup>2</sup> per roll
Storage	<b>Safeguard Root Barrier</b> should be stored out of direct sunlight. It should be covered with subsequent green roof layers as soon as possible after laying (maximum two weeks) to protect against ultra-violet degradation.
Mass Per Unit Area	325 g/m
Thickness	0.8 mm
Tensile Strength	22 kN/m
Elongation at Max. Strength	50%
Tear strength	60 kg
Puncture	580 N - 3500 N
Dynamic Puncture	12 mm

## Application Information

A "triple" sealed joint using **Oldroyd Double-Sided Sealing Tape** needs to be made when joining sections of **Safeguard Root Barrier** as shown in the diagram below:



*Information given is in good faith based on experience and usage, however all recommendations are made without warranty or guarantee, since the conditions of use are beyond our control. All goods are sold in accordance with our Conditions of Sale, copies of which are available on request. Customers are advised that products, techniques and codes of practice are under constant review and changes occur without notice; please ensure you have the latest updated information.*