

Safeguard® Root Barrier

Product Description

Protection of a roof's 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

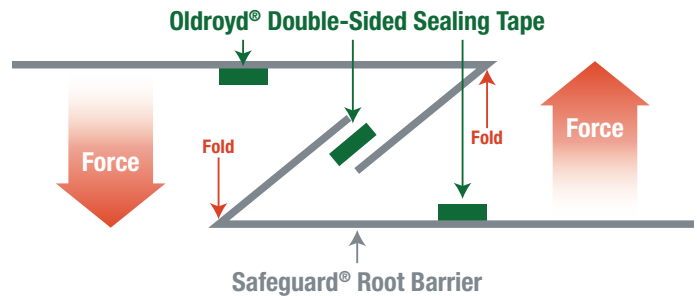
- Based on a DuPont™ Xavan® fabric with an impenetrable, smooth green coating
- Efficiently prevents rhizome propagation
- Easy and quick to install
- Rot-resistant in soil
- Completely recyclable (100% Polypropylene)

Properties

Appearance	Grey and Green
Size(s) & Packaging	2 × 25 m
Coverage	50 m ² per roll
Storage	Safeguard® Root Barrier 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 – 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:



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