



Plantex[®] RootBarrier

Helps you to avoid uncontrolled spreading of plant roots





Plantex® RootBarrier is the ideal solution to control plants with aggressive root systems such as bamboos and pyracantha. It is particularly recommended for critical applications such as protecting buried linear networks : cables, water piping, pavements, paved areas, roads, water and sewage networks.

- Maximum root control
- Helps to prevent the spread of roots and the resulting damage to water piping, electrical cables, walkways, building foundations, etc.
- Enables separation of planted areas in parks
- Helps to prevent root invasion (e. g. bamboo)
- Aids in preventing the proliferation of hearbaceous, mint, raspberries, blackberries
- Mechanical and water barrier to roots
- Stable in all types of soil (acid and alkaline)
- Quick and easy installation: can be cut to required dimensions by scissors or cutters
- Rot resistant
- Recyclable

Dimensions		
	0.5 x 30 m	0.7 x 30 m
Plantex®	1 x 30 m	1.4 x 30 m
RootBarrier	2 x 100 m	

Properties	Standard	Value / Unit
Basis weight	EN ISO 9864	325 g/m ²
Thickness under 2 kN/m ²	EN ISO 9863-1	0.8 mm
Water permeability VI _{H50}	EN ISO 11058	20 mm/s*
Tensile strength	EN ISO 10319	22 kN/m ²
Elongation at break	EN ISO 10319	50 %
Tear resistance	ASTM D4533	600 N
Static puncture resistance	EN ISO 12236	3500 N
Dynamic puncture	EN ISO 13433	12 mm
Resistant against roots according to CEN/TS 14416		

* Note: The values correspond to average results obtained in our laboratories and external institutes and are indicative. This information may be subject to revision as new knowledge and experience become available

- Avoid any contact of the product with any kind of pesticides, especially herbicides.
- * Visit www.plantexpro.dupont.com for specific installation instructions for Plantex® GroundGrid®.

The product information available here corresponds to our current knowledge and experience on the subject. It is offered solely as information and to provide possible suggestions for your own experimentation to determine for yourself the suitability of our products for your particular purposes and for any specific application of our products. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions DuPont de Nemours has no obligation relative to results and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a licence to operate under or a recommendation to infringe any patent right.

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