

DuPont™ RootBarrier Pro

Root control


Use

- Provides efficient protection against invasive root growth for urban infrastructures (piping, pavements, paved areas, roads, water and sewage networks, cabling)

Properties

- Based on DuPont™ Xavan® fabric with an impenetrable, smooth green coating on one side (the green side should face the roots)
- Controls root growth
- Water impermeable

Advantages

- Prevents root growth from obstructing piping
- Efficiently separates planted areas in parks
- Efficiently prevents rhizome propagation (e.g. bamboo)
- May be laid flat or upright
- Easy and quick to install, rot-resistant in the soil
- Offcuts completely recyclable, because 100% PP 



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Technical characteristics

DuPont™ RootBarrier Pro prevents invasive root proliferation, for example under patios and underground structures such as drainage and sewage pipes. Uncontrolled root growth can be very costly when damage becomes apparent and unsightly.

DuPont™ RootBarrier Pro is made of a very strong non-woven, 100% polypropylene fabric with a waterproof coating. It can be installed vertically or horizontally.

Properties	Standard	Value	Unit
Mass per unit area	EN ISO 9864	325	g/m ²
Thickness	EN ISO 9863-1	0.8	mm
Tensile strength	EN ISO 10319	22	kN/m
Elongation at max. strength	EN ISO 10319	50	%
Tear strength	ASTM D4533-91	60	kg
Puncture	ASTM D4833 8mm EN ISO 12236 50mm	580 3500	N
Dynamic puncture	EN ISO 13433	12	mm

These values are nominal values recorded in our laboratories and by independent institutes and are indicative.

Using Xavan® Tape to create a rounded root bale protection

Step 1: Superpose both ends of the RootBarrier Pro sheet and glue them together with a double-sided tape like Xavan® Tape. Already apply a 2nd stripe without yet removing the top protective paper.

Step 2: Ply the superposed joints to a Z-form (as indicated) and apply a 3rd stripe without yet removing the top protective paper.



Step 3: After the ply is well done, remove the remaining protective papers and press heavily together. No root will ever pass this join anymore.



Dimensions: 0,5 x 30 m
0,7 x 30 m
1,0 x 30 m
1,4 x 30 m
2,0 x 100 m

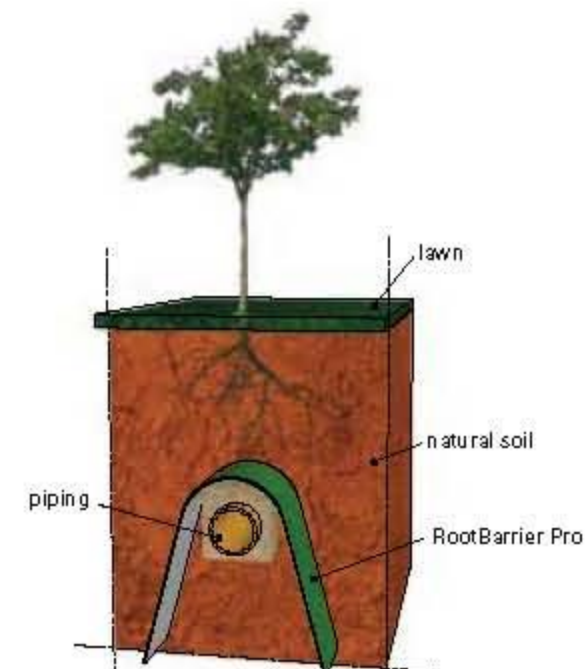
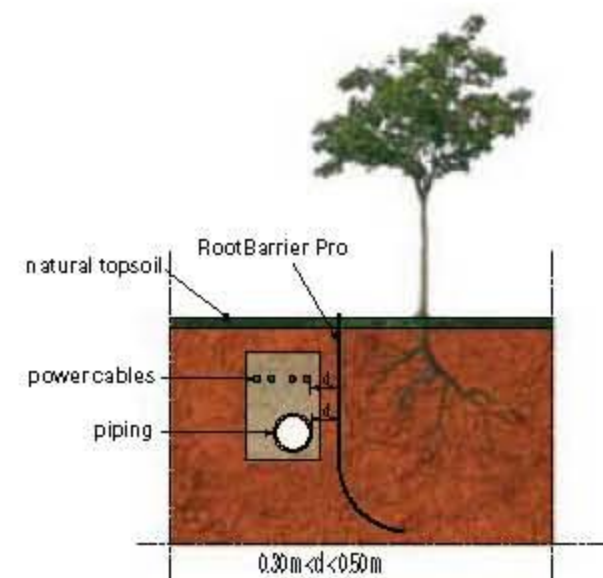
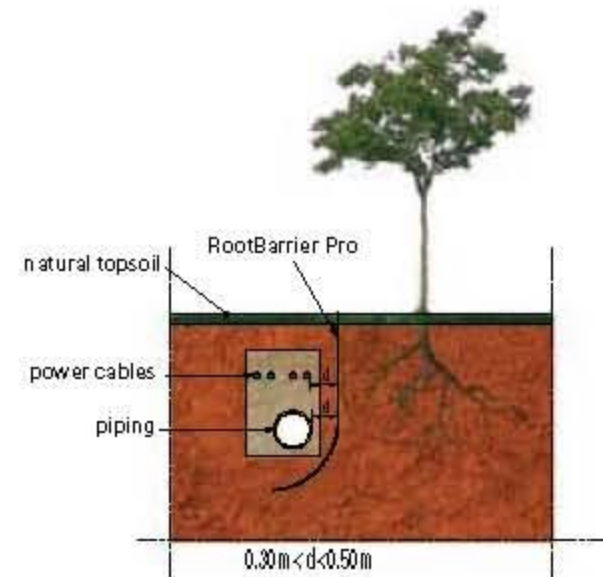
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For further information on products and installation, visit our website:
www.plantexpro.dupont.com



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Installation



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