

ANTI-ROOT BLOCKADE

# DUPONT™ PLANTEX® ROOTPROTECTOR

WATER PERMEABLE ANTI-ROOT BARRIER

## APPLICATIONS AND ADVANTAGES:

### APPLICATIONS

DuPont™ Plantex® RootProtector, the most effectively water permeable anti-root barrier. A unique structure of exceptionally thin fibres joined through thermal binding. Perfect for use in horizontal installations, such as construction of cycle tracks, forest lanes or green roofs.

### ADVANTAGES

- ▶ the water permeability of the membrane ensures a free flow of water and prevents problems related to hydrostatic pressure as well as low load capacity in high humidity areas.
- ▶ the proper water drainage enables a long term maintenance of the ground's bearing capacity, which ensures high durability of the road construction.
- ▶ tear resistant.
- ▶ guarantees a uniform content of water in the soil, which increases stability of the embankments as well as any other forms.

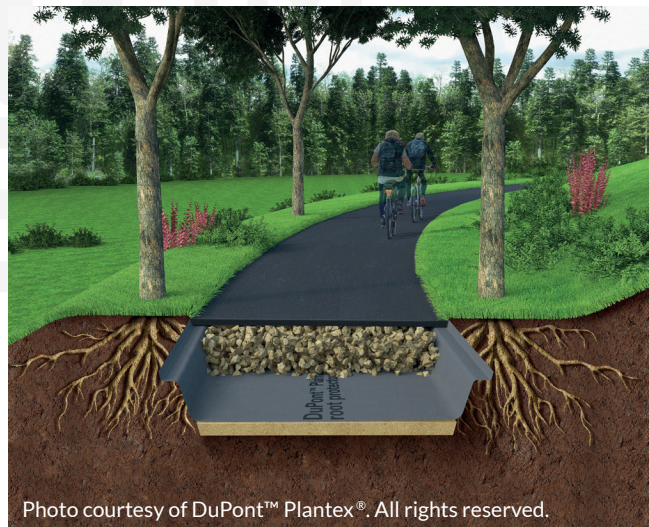


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### USES

- ▶ horizontal installations, such as cycle tracks or forest lanes
- ▶ plantation excavations under city conditions
- ▶ hedges
- ▶ green roofs
- ▶ product suitable to be used in damp environments

### TECHNICAL DATA

	Standard norm	Value
Surface mass	EN ISO 9864	260 g/m <sup>2</sup>
Thickness	EN ISO 9863-1	0,6 mm
Tensile strength	EN ISO 10319	20 kN/m
Elongation at rupture	EN ISO 10319	55 %
Static breakdown strength	EN ISO 12236	2600 N
Dynamic breakdown	EN ISO 13433	20 mm
Tearing strength	ASTM D4533	300 N
Water permeability VI <sub>H50</sub>	EN ISO 11058	8 mm/s

### CHEMICAL RESISTANCE

It is resistant to chemical substances, fungi, roots and bacteria present in the ground. It is completely neutral to the natural environment.



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