

Root Control Barrier Membrane RB100

Product Guide

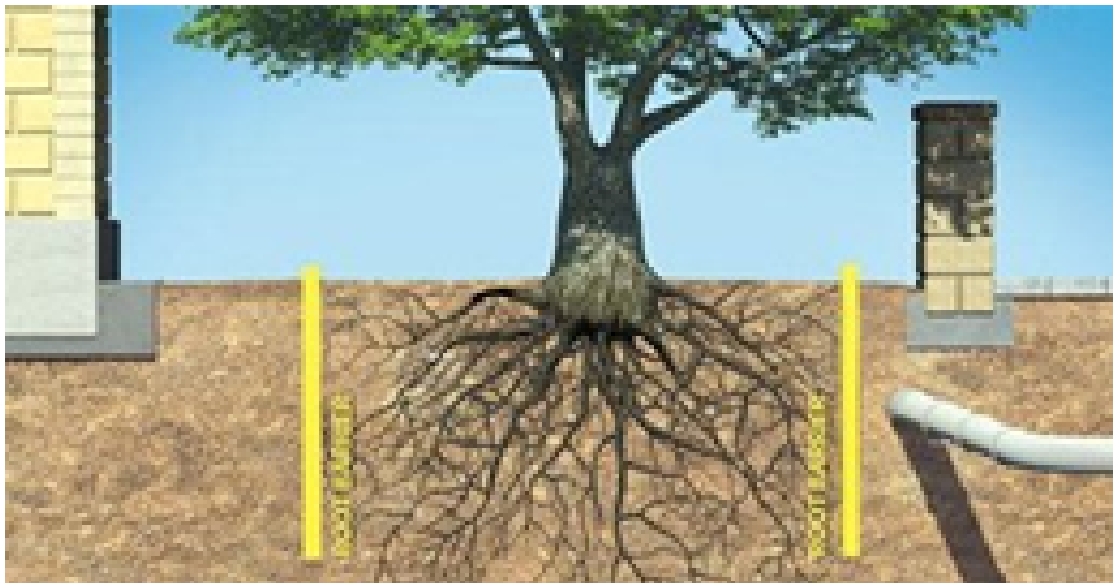
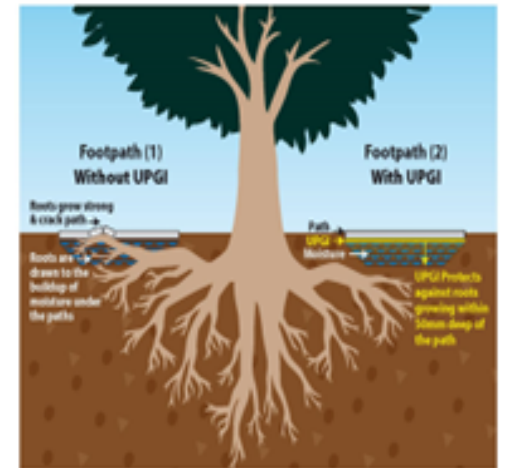


Nonwoven fabric coated with PP on both sides for root barrier application.

Tree roots growing underneath lawns, paths, drives, patios and roads can cause problems.

They may crack the surface and could damage the construction resulting in the need for expensive repairs. Our Nonwoven fabric coated with PP can be used as root control barrier and has the following properties:

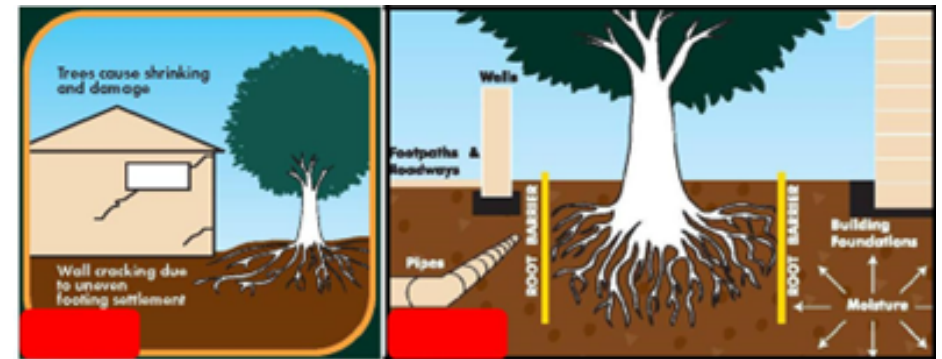
- Resistant to root penetration
- Resistant to puncturing
- Lightweight and easy to install
- 100% recyclable
- Flexibility



Advantages

Prevents walls from cracking

prolongs life of concrete paths around trees.



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Technical Specifications

RB340NWT2 is a UV stabilized, coated, polypropylene needle punched nonwoven geotextile, for root barrier applications.

It is manufactured at one of THRACE NWs&GEOs S.A. facilities that have achieved ISO9001: 2008 certification for its systematic approach to quality.

It is resistant to commonly encountered soil chemicals, mildew and insects and is non-biodegradable.

RB340NWT2 conforms to the property values listed below. Technical data are based on statistical analysis on 95% confidence limit.

PROPERTY	TEST METHOD	METRIC UNITS		
MECHANICAL				
Tensile Strength (MD/CD)	EN 10319		KN/m	12.0/14.0
Elongation (MD/CD)	EN 10319	%		31/40
Grab Tensile Strength (MD/CD)	ASTM D 4632		N	800/900
Grab Elongation (MD/CD)			%	
Trapezoidal Tear (MD/CD)	ASTM D 4632		N	200/350
Resistance to static puncture	EN ISO 12236		N	2000
Dynamic Perforation	EN ISO 13433		mm	16
Resistance				
ENDURANCE				
Weathering Resistance (% retained after 500hrs)	ASTM D 4355		%Retain strength	80/80
Resistance to Liquids – Acid (MD/CD)			%Retain strength	
Resistance to Liquids – Alkaline (MD/CD)	EN 14030		%Retain strength	90/90
Oxidation Resistance (MD/CD)			% <u>retain</u> strength	
Resistance to Soil Burial (MD/CD)	EN 12225		% <u>retain</u> strength	90/90
PHYSICAL				
Mass/Unit Area	EN 9864		gr/m2	340
Thickness (2kPa)	EN 9863-1		mm	1.1
STANDARD PACKAGING				
Roll Width/ Length	Measured		m	Upon request