

LANDSCAPEDEPOT Urban Ireland

Landscape Products for Sustainable Cities

Root Control Barrier Membrane



RB340NWT2
Nonwoven fabric coated with PP on both sides for root barrier applications

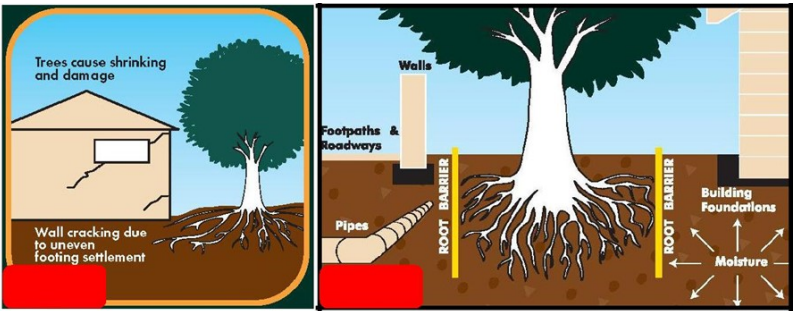
Tree roots growing underneath lawns, paths, drives, patios and roads can cause problems. They may crack the surface and could damage the construction resulting in the need for expensive repairs.

Our Nonwoven fabric coated with PP can be used as root control barrier and has the following properties:

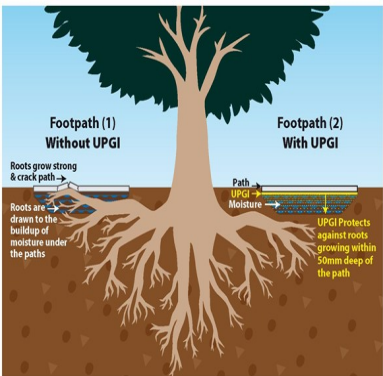
- Resistant to root penetration
- Lightweight and easy to install
- Flexibility
- Resistant to puncturing
- 100% recyclable

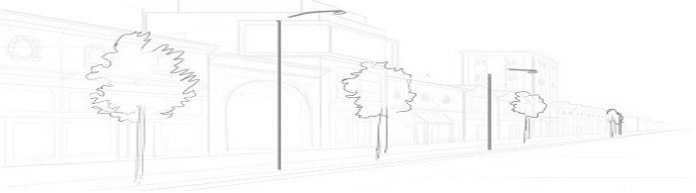
Advantages

Prevents walls from cracking



Life expectancy of the 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)	ASTM D 4632	%	55/55
Trapezoidal Tear (MD/CD)	ASTM D 4632	N	200/350
Resistance to static puncture	EN ISO 12236	N	2000
Dynamic Perforation resistance	EN ISO 13433	mm	16
ENDURANCE			
Weathering Resistance (% retained after 500hrs)	ASTM D 4355	%retain strength	80/80
Resistance to Liquids – Acid (MD/CD)	EN 14030	%retain strength	90/90
Resistance to Liquids – Alkaline (MD/CD)	EN 14030	%retain strength	90/90
Oxidation Resistance (MD/CD)	EN ISO 13438	%retain strength	90/90
Resistance to Soil Burial (MD/CD)	EN 12225	%retain strength	90/90
PHYSICAL			
Mass/Unit Area	EN 9864	gr/m ²	340
Thickness (2kPa)	EN 9863-1	mm	1.1
STANDARD PACKAGING			
Roll Width/ Length	Measured	m	Upon request