

# GEOTRAX TRP4000

NW GEOTEXTILE

**GeoTrax TRP-4000** is a non-woven needle punched geotextile, manufactured from polypropylene fibres.

TRP-4000 is used as a separation layer beneath the GeoTrax GX cellular confinement system in tree root protection applications.



## MECHANICAL PROPERTIES

**Tensile Strength – MD**

**Tensile Strength – XD**

**Elongation at break - MD**

**Elongation at break - XD**

**CBR Puncture Resistance**

**Dynamic Cone Drop**

**Protection Efficiency**

## TEST METHOD

EN ISO 10319

EN ISO 10319

EN ISO 10319

EN ISO 10319

EN ISO 12236

EN ISO 13443

EN ISO14574

## UNITS

kN/m

kN/m

%

%

N

mm

N

## VALUES

24.0

24.0

50.0

55.0

4000

12.0

385.0

## HYDRAULIC PROPERTIES

**Characteristic Opening Size**

**Permeability**

**Waterflow Normal to the Plane**

**Waterflow in the Plane**

**Oil retention \***

## TEST METHOD

EN ISO

EN ISO

EN ISO

EN ISO

## UNITS

m/s

l/m<sup>2</sup>.s

M<sup>2</sup>/s

µm

l per 10m<sup>2</sup>

## VALUES

75 x 10<sup>-3</sup>

75

8 x 10<sup>-3</sup>

70.0

>6

## PHYSICAL PROPERTIES

**Thickness under 2 kPa**

**Weight**

**Roll Size**

## TEST METHOD

EN ISO 9863-1

EN ISO 9864

## UNITS

mm

g/m<sup>2</sup>

m

## VALUES

2.4

300

2.62m x 25m

\*TRP4000 was tested under pressure of 120kPa to replicate pressure of pavement installation and traffic



For more information, contact us  
or visit the website:

[www.groundtrax.com](http://www.groundtrax.com)

## GROUNDTRAX

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