

GEOLEX NW100

NON-WOVEN POLYPROPYLENE GEOTEXTILE

DESCRIPTION & USE

GEOLEX NW100 is a non-woven polypropylene geotextile. It can be used in roofing, building envelope and infrastructure applications. Typically, GEOLEX NW100 provides the following functions:

Separation

To separate 2 layers so the integrity of both layers is maintained or improved

Filtration

To allow the passage of fluids while preventing the passage of particles

Reinforcement

To add tensile strength, as well as resist stresses or contain deformations in soil structures

Protection

To prevent or reduce damage, such as cuts and punctures, to an adjacent surface or layer

Drainage

To collect and transport fluids within its own thickness

FEATURES & BENEFITS

Resistant to Biological Degradation - not affected by microorganisms such as fungi and bacteria

Chemical Resistant - able to withstand exposure to natural bases or acids

Easy to Apply - quickly installed in a loose laid application

INSTALLATION

In many applications, GEOLEX NW100 is simply unrolled and loose laid in position.

SPECIFICATION

Geotextile

1. Description: a non-woven polypropylene geotextile
2. Specified Product: Lexcor Geolex NW100 by Lexsuco Corporation



TECHNICAL DATA

PROPERTY	TEST METHOD	VALUE
Ultimate Tensile Strength, MD	ASTM D-4595	6.0 kN/m
Ultimate Tensile Strength, TD	ASTM D-4595	5.5 kN/m
Tensile Elongation	ASTM D-4595	50 %
Grab Tensile Strength, MD	ASTM D-4632	600 N
Grab Tensile Strength, TD	ASTM D-4632	550 N
Grab Elongation	ASTM D-4632	50 %
Trapezoid Tear Strength, MD	ASTM D-4533	240 N
Trapezoid Tear Strength, TD	ASTM D-4433	230 N
CBR Puncture Strength	ASTM D-6241	1600 N
Apparent Opening Size O90	ASTM D-4751	0.11 mm
Water Flow Q100	ASTM D-4491	600 L/m ² /min
UV Resistance @500 Hours	ASTM D-4355	70 %@500h
Weight	ASTM D-5261	150 g/m ²
Thickness	ASTM D-5199	1.5 mm

Colour

Geolex NW100 is available only in black.

PACKAGING

4.57 m x 110 m (14.99' x 360.9') roll