



GEOLEX NW90

NON-WOVEN POLYESTER GEOTEXTILE

DESCRIPTION & USE

GEOLEX NW90 is a non-woven polyester geotextile. It can be used in roofing, building envelope and infrastructure applications.

Typically, GEOLEX NW90 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 - requires no mixing

PACKAGING

3.81 m x 100.00 m (12,5' x 328.08') roll

INSTALLATION

In many applications, GEOLEX NW90 is simply unrolled and loose laid in position.

SPECIFICATION

Geotextile

1. Description: a non-woven polyester geotextile
2. Specified Product: Lexcor Geolex NW90 by Lexsuo Corporation



TECHNICAL DATA

Index Properties	Test Method	Values
Ultimate Tensile Strength, MD	ASTM D4595	8.0 kN/m
Ultimate Tensile Strength, TD	ASTM D4595	8.0 kN/m
Elongation at Nominal Breaking Strength	ASTM D4595	50-100 %
Grab Tensile Strength	ASTM D4632	410 N
Tear Strength, MD	ASTM D4533	200 N
Tear Strength, TD	ASTM D4433	200 N
Punching CBR	ASTM D6241	1400 N
Pore Opening	ASTM D4751	70 µm max
Permittivity	ASTM D4491	0.61 s ⁻¹ L/m ² /s
Vertical Permeability Coefficient	ASTM D4491	0.12 cm/s
UV Resistance @500 Hours	ASTM D4355	80 %@500h
Weight	ASTM D5261	185 g/m ²
Thickness	ASTM D5199	1.3 mm
Mass Deviation Rate per Unit Area	-	± 5 %
Width Deviation Rate	-	± 0.5 %
Thickness Deviation Rate	-	± 10 %

Colour

Geolex NW90 is available only in white.

COMMERCIAL BUILDING PRODUCTS

Ontario & Western Canada
1.800.268.2889



Quebec & Atlantic Canada
1.800.363.2307