



Thermoplastic Single Ply and Multi-Ply Roofing Systems

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FLEX 1120N GEOTEXTILE SEPARATION LAYER

Flex 1120N Geotextile is a non woven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. Flex 1120N Geotextile is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids.

The Flex 1120N Geotextile is installed as a separation or protection layer in Flex Protected Membrane Roof Systems. It also is used as a protection layer and filtration fabric in Flex Garden Roof Systems and Flex Below Grade Waterproofing Systems. The Flex 1120N has excellent physical and hydraulic properties in addition to high tensile strength. The Flex 1120N provides the required strength and abrasion resistance to protect Flex Thermoplastic Roofing and Waterproofing Membranes withstanding installation and application stress to create an effective, long term solution.

Technical Data

<u>Specification</u>	<u>Test Method</u>	<u>Value</u>
Thickness	ASTM D 5199	.098"
Weight	ASTM D 5261	11.8 oz/yd
Dimensions		15'x300'
Tensile Strength	ASTM D 4632	300x300
Tensile Elongation	ASTM D 4632	50%
Tear Strength	ASTM D 4533	115lbs x 115lbs
Mullen Burst Strength	ASTM D 3786	585 psi
Puncture Strength	ASTM D 4833	175 lbs
Apparent Opening Size	ASTM D 4751	100 US Sieve
Permittivity	ASTM D 4491	0.8 sec ⁻¹
Permeability	ASTM D 4491	0.26 cm/sec
Flow Rate	ASTM D 4491	65 gal/min/ft ²
UV Resistance (500 hrs)	ASTM D 4355	70%

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