FLEX 160N GEOTEXTILE
SEPARATION LAYER

PRODUCT DESCRIPTION

Flex 160N Geotextile is a nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. Flex 160N Geotextile is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids.

The Flex 160N 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 160N has excellent physical and hydraulic properties in addition to high tensile strength. The Flex 160N 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.

PHYSICAL PROPERTIES

Property	Test Procedure	Specification
Thickness	ASTM D 5199	.065"
Weight	ASTM D 5261	6.5 oz/yd
Dimensions		7.5'x300'
Tensile Strength	ASTM D 4632	160lbs x 160lbs
Tensile Elongation	ASTM D 4632	50%
Tear Strength	ASTM D 4533	60lbs x 60lbs
Mullen Burst Strength	ASTM D 3786	305 psi
Puncture Strength	ASTM D 4833	95 lbs
Apparent Opening Size	ASTM D 4751	70 US Sieve
Permittivity	ASTM D 4491	1.4 sec-^{1}
Flow Rate	ASTM D 4491	110 gal/min/ft²
UV Resistance (500 hrs)	ASTM D 4355	70%