

# VLS-550

## Water Retention Mat

320402

### KEY FEATURES

- Resistant to both acidic and basic substances
- Due to its elasticity withstands heavy weights on small spots
- Excellent water permeability
- Easy to cut



### APPLICATION

VL geotextiles have many different uses on green roofs but their main functions are filtering and mechanical protection. VLS geotextiles are water retentive and protect too. Manufactured from a mixture of threads, without thermal treatment. Mass per unit area 16 oz/sqy



### SPECIFICATION

VLS-550 is a 100% synthetic, nonwoven geotextile with an excellent water retention capacity. Made out of staple fibers, needlepunched, will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. The fibers are needled to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to bitumen and ultraviolet degradation and to biological and chemical environments normally found in soils. Mass per unit area 16oz/sqy

### TECHNICAL DATA

Roll Area: (sqf)	2,250
Width: (ft)	7.5
Length: (ft)	300
Thickness: (mils)	165
Roll diameter: (inch)	20
Roll Weight: (lbs)	250
Mass per unit Area: (oz/sqy)	16
Water-permeability : (cm/s)	0.27
Tensile strength: (lbs)	390
Puncture: (lbs)	250
Elongation: (%)	50

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Green Up the Roof!