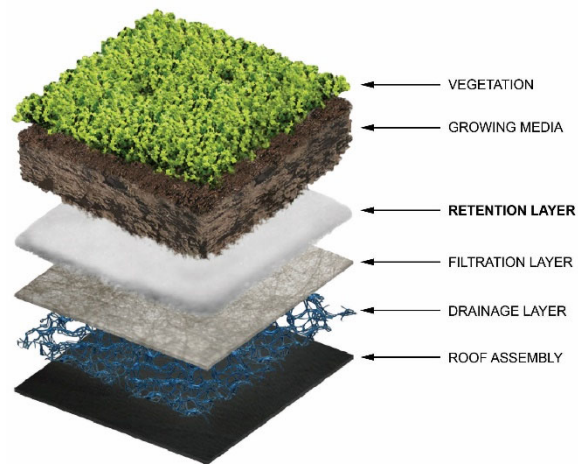


## Water Retention Layer

**Product NUMBER:** ML2001 – 1.0” thickness  
ML2002 – 0.5” thickness

### **Description:**

The Water Retention Layer is a high loft nonwoven geo-synthetic consisting of 100% recycled high tensile polyester fibers. This high-loft nonwoven geo-synthetic forms a UV stable, three dimensional blanket matrix specifically intended for water retention. The Retention Layer provides supplemental moisture retention to provide more available water for plants, high porosity for root aeration, and anchorage for plant roots. The Retention Layer is available in both 0.5 inch and 1.0 thicknesses. The Water Retention Layer does not support mold.



Installation of the Water Retention Layer is simple and straight forward, involving only heavy duty scissors to cut to required shape.

### **Installation**

- Do not overlap material. Install perpendicular to slope. Install over Drainage and Filtration Layers when appropriate.

### **Storage:**

- Store components in a dry area.
- Store away from sources of ignition and extremely high temperatures.

### **Precautions:**

- Avoid prolonged exposure to sunlight, heat, sparks and open flames.
- Wash exposed skin prior to eating, drinking or smoking and at the end of each shift.

### **LEED Information:**

- Manufacturing Location: Michigan City, IN 46360
- Post-Consumer Recycled Content: Please Inquire.

**Technical Data – ML2001 - 1.0" Thickness:**

<b>Physical Property</b>	<b>Value</b>
Weight	5.1 oz. / yd <sup>2</sup>
Color	White
Roll Width	92-inches
Roll Length	90 ft.
Roll Diameter (When Shipped)	30"± dia. roll
Roll Coverage	690 ft <sup>2</sup>
Thickness	1.0" +/- 0.1"
Dry Unit Weight - ASTM E2397	0.04 lbs/SF
Saturated Weight - ASTM E2397	0.82 lbs/SF
Storage Volume % ASTM E2397	23 % (unit weight retained water)
Storage Volume	.094 Gallons/ SF

**Technical Data – ML2002 – 0.5" Thickness:**

<b>Physical Property</b>	<b>Value</b>
Weight	3.6 oz. / yd <sup>2</sup>
Color	White
Roll Width	92-inches
Roll Length	135 ft.
Roll Diameter (When Shipped)	30"± dia. roll
Roll Coverage	1,035 ft <sup>2</sup>
Thickness	0.65" +/- 0.10"
Dry Unit Weight - ASTM E2397	0.03 lbs/SF
Saturated Weight - ASTM E2397	0.66 lbs/SF
Storage Volume % ASTM E2397	24 % (unit weight retained water)
Storage Volume	.076 Gallons/ SF