



## Specialized Stormwater Management System

### Key Features

- Manages stormwater and supports biodiversity, simultaneously. Native hardy plants provide nourishing pollen and nectar, and nesting habitats
- Plants are pre-grown as a “blanket” with over 85% vegetation coverage upon installation; minimizing soil erosion, weed encroachment and irrigation needs
- Certified to sustain 200 km/h winds
- Stormwater retention is increased with Hydro Blanket which holds more rainfall compared to traditional growing medium while remaining lighter
- Meets Toronto Green Standard V4
  - WQ 1.1
    1. Water Balance
  - WQ 1.3
    2. Intensive Green Roof
    3. Biodiverse Green Roof

### System Properties

Build-Up	Thickness (mm)	Dry Wt. (kg/m <sup>2</sup> )	Sat. Wt. (kg/m <sup>2</sup> )	Water ret. (l/m <sup>2</sup> )
NL719 Meadow Blanket	20.00	19.70	37.00	17.30
NL630 Growing Medium	150.00	105.00	204.00	99.00
NL501 NM Hydro Blanket	25.80	3.90	28.80	24.90
NL400 Filter Fabric	0.55	0.10	0.40	0.30
NL300 Drainage Mat	17.00	0.34	0.34	0.00
NL120 Root Barrier	0.50	0.46	0.46	0.00
<b>Total</b>	<b>213.85</b>	<b>129.50</b>	<b>271.00</b>	<b>141.50</b>



**Wind Tested**  
To CAN/CSA A123.24

WORLD'S FIRST VEGETATED ROOF  
WIND UPLIFT TEST METHOD

