



## Rooftop Oasis. Sky's the Limit

### Key Features

- Saturated weight is 217 kg/m<sup>2</sup>; 44 lb/ft<sup>2</sup>
- Transforms the roof into an urban oasis and ecological habitat
- Native or non-native grasses, sedges, shrubs, perennials, aromatic herbs, berries, vegetables are planted into 150 mm or more of growing medium
- Engineered growing medium is a proprietary blend of mineral and organic components; depth can be increased/customized as needed
- Stormwater retention can be increased with Needed Mineral Hydro Blanket or recycled polymeric water retention layers that can hold up to 60 per cent more rainfall compared to traditional growing medium of the same thickness while remaining lighter

### 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> )
Plant plugs	varies	5.00	10.00	varies
NL630 Growing Medium	150.00	105.00	204.00	99.00
NL400 Filter Fabric	0.55	0.10	0.40	0.30
NL310 Drainage Board	11.43	0.80	1.72	0.92
NL120 Root Barrier	0.50	0.46	0.46	0.00
<b>Total</b>	<b>162.48</b>	<b>111.36</b>	<b>216.58</b>	<b>100.22</b>



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

WORLD'S FIRST VEGETATED ROOF  
WIND UPLIFT TEST METHOD



240924