



**Traditional Growing Medium-Based System**

### Key Features

- Saturated weight is 172 kg/m<sup>2</sup>; 35 lb/ft<sup>2</sup>
- Loose-laid system with a low maintenance sedum planting rolled on top of extensive engineered growing medium
- Pre-grown sedum provides excellent instant green with 85% foliar coverage upon installation; helps reduce water evaporation, soil erosion and weed growth
- Plants are grown on a “blanket” and harvested like sod
- Most components come in rolls that are easy to transport and install

### 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> )
NL718 Sedum Blanket	20.00	17.20	29.70	12.50
NL600 Growing Medium	100.00	86.60	141.10	54.50
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>138.05</b>	<b>104.70</b>	<b>172.00</b>	<b>67.30</b>

**Stormwater retention  
67 l/m<sup>2</sup>; 2.7”**

- Sedum Blanket
- Growing Medium
- Filter Fabric
- Edging
- Drainage Mat
- Root Barrier
- Conventional Roofing Assembly (CRA)



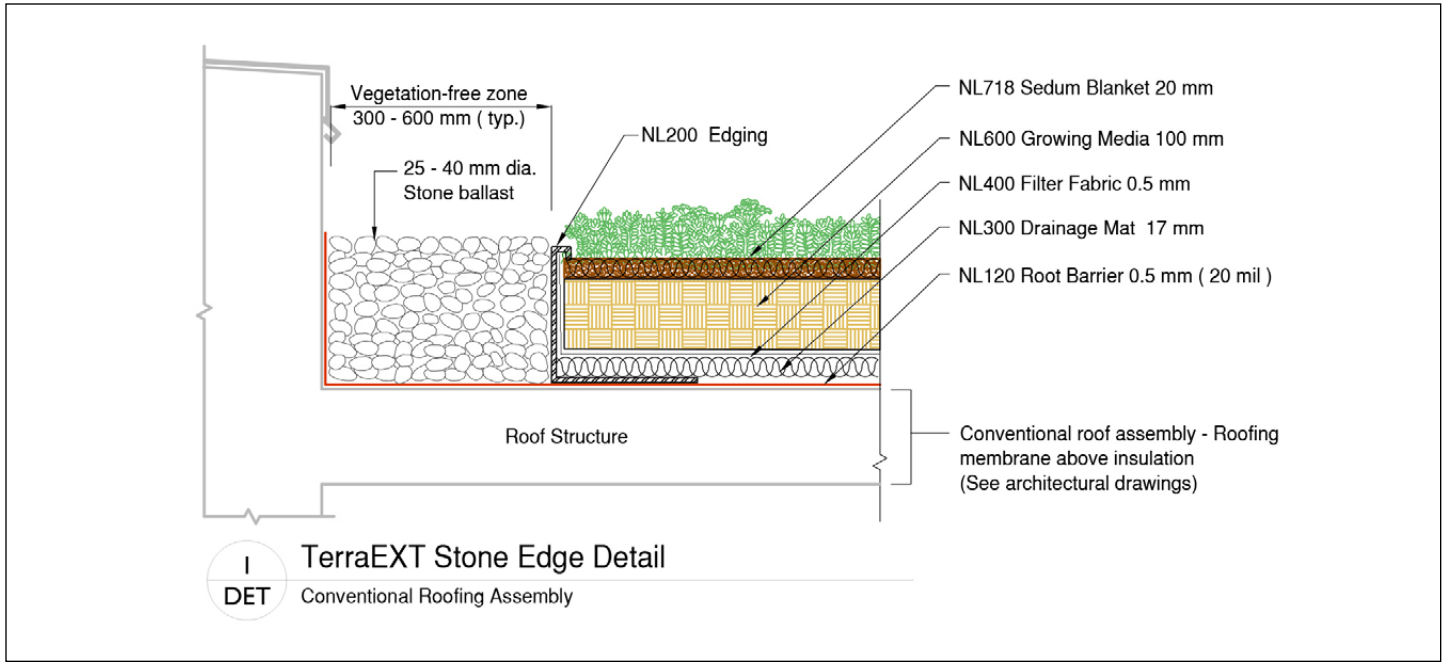
**Wind Tested**  
To CAN/CSA A123.24

**WORLD'S FIRST VEGETATED ROOF  
WIND UPLIFT TEST METHOD**

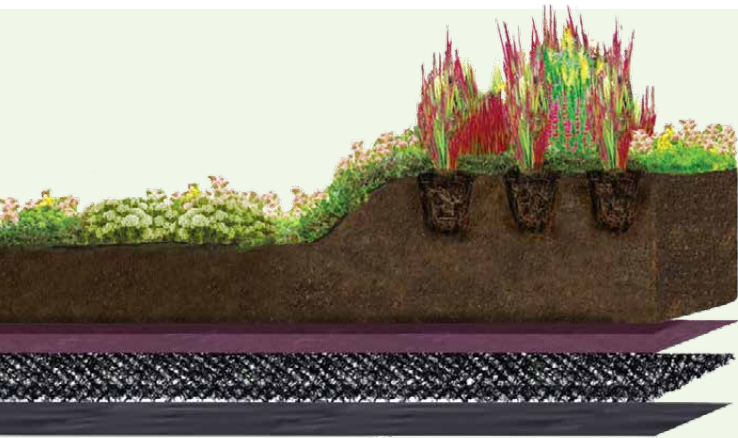


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# TerraExt Extensive System



Contact us for more technical info and AutoCAD details.



## Increase Biodiversity

BioBerm™ with custom plants is an innovative method for integrating the best of extensive and intensive systems - creating topographic variation and biodiversity. It provides an enhanced aesthetic over areas that are highly visible and that can support extra weight. Achieves a seamless integration of “plant-in-place” vegetation through pre-grown sedum blankets that are rolled over various depths of growing media. The sedum blankets help reduce water evaporation, soil erosion and weed growth.



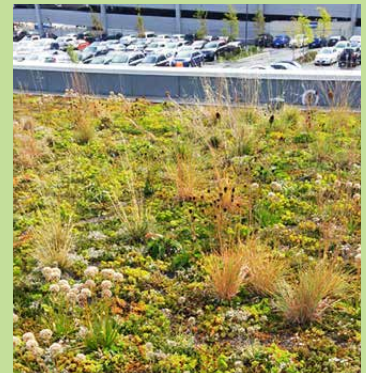
STEP 1



STEP 2



STEP 3



FINAL RESULT