INNOVATIVE GREEN ROOF TECHNOLOGY
Columbia Green Technologies provides the best green roof or amenity deck system for your project, not a one-size-fits-all approach. Our systems maximize plant health, stormwater retention and drainage for a beautiful finished product long term.

BENEFITS OF A GREEN ROOF

- Reduce the amount of stormwater runoff and delay the time in which runoff occurs- making green roofs a real asset to cities struggling with aging storm and sewer infrastructure
- Green roofs can support a variety of plant types and species, adding biodiversity and providing habitat for pollinator species.
- Provide a protective layer over the roof membrane, at least doubling the life of the roof
- Bring year-round building energy savings by acting as a thermal blanket- green roofs provide cost savings on a building's heating and cooling bills
- Green roofs reduce the air temperature through evapotranspiration, reducing the urban heat island effect
- Create attractive outdoor amenity spaces, increase property values and occupancy rates

Why Columbia Green?

- Comprehensive green roof solutions; from Extensive to Intensive
- Layered and Tray-based systems
- Multiple warranty options including Single-Source Warranty provided through our Roofing Partners
- Amenity Decks and Rooftop Gardening
- Stormwater retention calculations custom to your unique project
**LAYERED SYSTEM**

*Our built-in-place system*

- Quality growing media options, regionally blended
- Water Retention Layer, providing supplemental moisture retention for plants, high porosity for root aeration, and anchorage. Available in .5-inch or 1-inch thickness
- Filter Layer, preventing growing media erosion
- Drainage Layer to prevent ponding and move excess water efficiently to the nearest drain. Available in .375-inch and .75-inch thickness
- Metal Edger for perimeter stability
- Soil depth flexibility: from 3-inch media depth (extensive) to 36-inches+ media depth (amenity decks).

**TRAY SYSTEMS**

*Pre-Grown and Planted-in-Place (with optional drip irrigation)*

- Patented interlocking and overlapping tray design
- Tray designed by landscape architects, stormwater engineers, horticulturists and roofing experts for the unique challenges of the rooftop environment
- Simple installation- each of the individual functions found in the Layered System is inherent to the tray.
- Plants can be planted on-site or pregrown.
- Tray design maximizes stormwater retention
- Integrated drip irrigation available
- Soil depth flexibility: from 4-5/8 to 8-inch media depth
ABOUT COLUMBIA GREEN TECHNOLOGIES

Columbia Green is US green roof manufacturer with a focus on vegetative roof technology that maximizes both stormwater retention and plant health. Our systems help manage the quantity of storm water runoff, and decrease energy use and air/water pollution. We are an expert team of passionate and creative individuals who are committed to selling products that better our world. Our comprehensive green roof solutions are designed to meet the unique challenges of the rooftop growing environment.

OUR TECHNICAL EXPERTISE & DESIGN SUPPORT

- Stormwater Retention Calculations
- Standard and Custom Details
- Specifications
- Regional Plants & Growing Media Expertise
- System Weight Calculations
- Wind Uplift
- Budgetary Information
- Maintenance Guidelines

Contact Us:
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WARRANTIES

Standard Full System Warranty
Our systems come with a standard Full System Warranty with an optional Overburden Warranty.

Single-Source Warranty
We partner with leading roof membrane manufacturers to offer a complete solution for every type of roof construction. These partnerships allow us to offer single-source warranties, which cover both the roof and the green roof system together.

ROOFING PARTNERS

Available Membranes
- Hot Rubber, Cold Applied
- EPDM, TPO, PVC
- PVC
- EPDM, TPO, PVC
- PVC
- Mod Bit, SBS
- Mod Bit, SBS
- Cold Applied