

<u>PRODUCT INFORMATION</u>	TYPE OF PRODUCT	Vegetative Green Roof System	
	COMPANY NAME	GreenGrid Roofs	
	PRODUCT/COLLECTION NAME	Seamless GreenGrid Modular Vegetative Green Roof System	
	DESCRIPTION	<p>These new zero-edged modules are the 4th generation of GreenGrid, keeping the functionality of the original modular green roof system, but adding a more aesthetic zero-edge design, enhanced design versatility, and maximized stormwater retention.</p> <p>GreenGrid offers versatility and design flexibility, with modules available in three different depths for a variety of planting options. Modules can be pre-grown at GreenGrid nurseries to meet plant coverage specifications up to 95% and delivered to the job site to create an instant mature green roof. In addition, GreenGrid modules can be custom cut with curves or angles.</p>	
<u>MATERIAL FEEDSTOCK</u>	MATERIAL CONTENT	<p>Underlayment - New or existing single-ply EPDM, TPO, PVC, BUR, or hot/cold fluid applied membranes.</p> <p>Vegetation</p> <p>Filter layer - Spunbonded polypropylene geotextile (optional)</p> <p>Growing medium - Engineered blend or organic/inorganic components. Polyethylene</p>	
	RECYCLED CONTENT %	100% pre-consumer recycled HDPE	
	RAPIDLY RENEWABLE CONTENT %	Vegetation is available.	
	HARMFUL ADDITIVES	None	
	HARMFUL EMISSIONS	None	
	EMISSION STRENGTH OVER TIME	None	
	TREATMENTS	None	
	MANUFACTURING PROCESS	GreenGrid modules are made of 100% pre-consumer high molecular weight polyethylene. It is protected with UV inhibitors and stabilizers. The modules are available in 4.25, 6, and 8 inch sizes. Assembled and pre-grown at regional nurseries.	
<u>MANUFACTURING</u>	HARMFUL EMISSIONS	None	
	LOCATION OF MANUF. PLANT	Planted locally (100- 500 miles from most projects)	
	TESTS/CODES	Growing media made following FLL guidelines	
	3RD PARTY CERTIFICATION	US Green Building Council LEED	
<u>INSTALLATION</u>	INSTALLATION PROCEDURE	<p>Handle the modules with care. Do not drop, kick or point-load the modules during installation. Place modules above the slip sheet or protective layer in accordance with the landscape design or layout Drawing. Modules shall be placed in straight rows, positioned tight beside each module and in proper orientation according to the landscape design.</p> <p>After installation, modules shall be immediately watered so as to thoroughly moisten growing media throughout. Water shall be free of substances harmful to plant growth. Do not install modules directly in low sections of roof where water ponds or where modules will block flow of drainage, or on saturated roof surface or during freezing weather conditions.</p> <p>If required, install an irrigation system according to the manufacturer's specifications and instructions. If an irrigation system is not required, provide hoses/sprayers for temporary irrigation, as needed, to conduct initial watering for plant maintenance.</p> <p>Cut modules, only if necessary, to offset structures or roof edges, or around obstructions. Install partial or cut planter modules with the cut edge facing another module or edging.</p>	
		INSTALLATION ADHESIVES	None
		UNIT COST	Varies

	LIFE CYCLE ANALYSIS EXTRACTION	Overall, the GreenGrid system manages stormwater runoff, contributes to energy cost savings, meets regulatory requirements, and improves property values.
	END OF SERVICE LIFE	Recyclable
MISC. PROPERTIES	QUALITIES/PROPERTIES OF PRODUCT	By utilizing the innovative GreenGrid system, buildings are more sustainable, efficient and aesthetically pleasing, designers can incorporate a tremendous amount of color, texture and height, contractors are faster and more cost effective, and owners have the peace of mind that their green roof is mature the day it is installed. Property managers appreciate that the modules can be moved, if necessary, to access to the underlying waterproofing.
	MISC. COMMENTS	Extensive modules ship on pallets, shrink wrapped, ready to unload, hoist and install quickly, much like other standard building materials. Deeper modules or taller plantings typically ship on metal racks or on modified pallets with lots of room for plants to breathe.
	CONTRIBUTION TO LEED POINTS	Sustainable Sites: Site Development- Protect or Restore Habitat, Maximize Open Space; Storm Water Design- Quality Control 6.1, Quality Control 6.2; Heat Island Effect - Roof Water Efficiency: Water Efficient Landscaping Energy and Optimization: Optimize Energy Performance Materials and Resources: Material Reuse, Recycled Content, Regional Material
COMPANY PROFILE	GREEN PHILOSOPHY	GreenGrid is fully vested and operates in an efficient, ethical manner by building long standing relationships that support their business purpose.
	CONTACT	888-404-4743 www.GreenGridRoofs.com
MAINTENANCE	AFTER INSTALLATION	The vegetated green roof system Installer shall maintain the modules for at least 30 days following installation. Maintenance during the initial 30-days shall follow industry accepted horticultural practices. 1. Watering: two watering events per week to sufficiently saturate the growing medium. 2. Provide spot weeding (by hand), as needed, to maintain plant health and prevent weed to flower and set seed, and to prevent woody plants to establish. Do not use any pesticides which include herbicides. 3. Repair, rework and replant, if necessary, areas where wash out caused erosion, and replace dead plants.