

# The New Seamless GreenGrid Modular Vegetative Green Roof System



## The 4th Generation GreenGrid® Module Has Arrived

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.

Unlike hybrid /subterranean modular systems and traditional layered systems, G4 modules can be easily accessed and removed to perform maintenance or repairs to the underlying roof without damaging the vegetation. Additionally, G4 modules are specifically designed to maximize stormwater control, featuring deeper built-in reservoirs for additional stormwater retention.

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 our nurseries to meet plant coverage specifications up to 95% and delivered to the job site to create an instant mature green roof. This translates to a successful green roof with less up-front maintenance, plus a beautiful look from day one. In addition, GreenGrid modules can be custom cut with curves or angles.



[www.GreenGridRoofs.com](http://www.GreenGridRoofs.com)

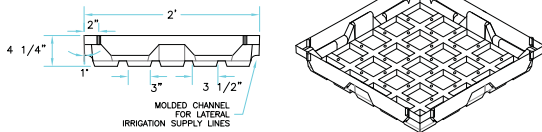


*The Trusted Integrator for Sustainable Solutions*

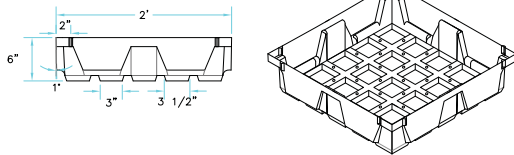
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U.S. Patents: 6,711,851 | 6,862,842 | 7,900,397 | 7,997,027– Canadian Patents: 2,416,457 | 2,418,262 | 2,416,463  
Additional U.S. and international patents pending

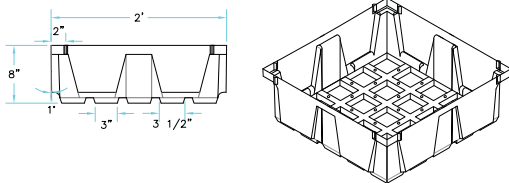
GreenGrid Extensive (4-inch)



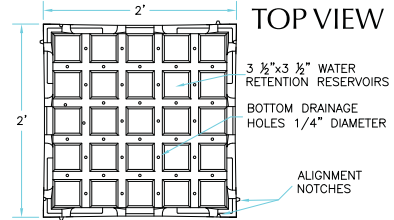
GreenGrid Semi-Intensive (6-inch)



GreenGrid Intensive (8-inch)



Pre-Vegetated 4-inch Module



GreenGrid Component	Specification Description and Notes			
G4 System Modules	Dimensions (W x L)		Depth (D)	
	Standard Units	SI Units	Standard Units	SI Units
Extensive	24 in. x 24 in. [OD ± 1/8 in.]	60.96 cm x 60.96 cm [OD ± 0.318 cm]	4.25 in.	10.80 cm
Semi-Intensive			6.0 in.	15.24 cm
Intensive			8.0 in.	29.32 cm
Weight Range	Approximate Minimum <sup>Note 1</sup>		Approximate Maximum <sup>Note1</sup>	
Extensive	26 lbs/sf	126.9 kg/m <sup>2</sup>	30 lbs/sf	146.5 kg/m <sup>2</sup>
Semi-Intensive	39 lbs/sf	190.4 kg/m <sup>2</sup>	44 lbs/sf	214.8 kg/m <sup>2</sup>
Intensive	52 lbs/sf	253.9 kg/m <sup>2</sup>	58 lbs/sf	283.2 kg/m <sup>2</sup>
Drainage Clearance	3/4 in.	1.91 cm	All size modules	
Module Material	Wall Thickness		100% pre-consumer high molecular weight polyethylene. Protected with UV inhibitors and stabilizers (20 year warranty standard)	
Extensive	0.187 in. [187 mil]	4.75 mm		
Semi-Intensive	0.200 in. [200 mil]	5.08 mm		
Intensive	0.225 in. [225 mil]	5.72 mm		
Module Color	Black [custom colors available upon request]			
Filter Layer	Spunbonded polypropylene geotextile			
Growing Medium	Proprietary engineered blend of organic and inorganic components. Blended to satisfy FLL guidelines. Custom blends available to meet project-specific needs [e.g., weight, water holding capacity, etc.].			
Vegetation	Succulent groundcovers, conventional perennials and grasses, and/or native forbs and grasses. Consult Weston GreenGrid horticulturists for specific recommendations.			
Typical Underlayment	New or existing single-ply EPDM, TPO, PVC, BUR, or hot/cold fluid applied membranes. Contact selected waterproofing system manufacturer for specific requirements and/or materials compatibility.			
Module Connectors	Nylon/Plastic panel fasteners or zip ties. 1/4 in. (0.64 cm) drill hole diameter required.			
Irrigation Systems	Proprietary system designed based on project-specific requirements.			

**Note 1:** All weights are presented with growing media at maximum water-holding capacity. Conservative estimates for vegetation and module weight per SF have been included in above weight ranges. Weights may vary based on requirements for project-specific vegetation selections and variations in regional materials incorporated into engineered growing media. Consult GreenGrid representative for further information.

**Local contacts are available on our Web site [www.GreenGridRoofs.com](http://www.GreenGridRoofs.com) or contact our headquarters office at 847-918-4000**