

PARAGREEN™ VEGETATED ROOF MODULE

Commercial Product Data Sheet



- Vegetation
- Growing Media
- Plastic Module

The ParaGREEN™ Vegetated Roof Module is a fully vegetated green roof module comprised of 100% recycled plastic filled with growing media and vegetation that may be tailored to specific project requirements. The module includes reservoirs for stormwater retention, channels to accommodate irrigation lines, and the ability to anchor the trays together for enhanced wind uplift resistance.

Contact Siplast for information on approved product uses.

USES: VEGETATED ASSEMBLIES

Fully Vegetated Modules	
Saturated Weight	Up to 23 lb/sf
Weight at Installation (approx.)	35 lb/module
Stormwater Retention (approx.)	1 gal/sf

Modules (Containers/Trays)	
Dimensions	12 in x 24 in x 4 in
Depth	4 in
Material	100% Recycled Plastic
Reservoir	1/3 gal Capacity
Weight	2.4 lb

Growing Media	
Moisture Content	16% (mass)
Soil Type	Extensive Engineered Soil
Total Pore Volume	≥ 60% (vol)
Max Water Holding Capacity	50% (vol) (for fully vegetated tray)
Air Filled Porosity	≥ 10% (vol) (at max water)
Water Permeability	0.5 in/min

PRODUCT INFORMATION

Plant Palette

ParaGREEN Vegetated Roof Modules are grown with a hardy variety of Sedum species, and commonly include 6-8 of the following species in standard production*:

Phedimus spurius 'Fuldaglut'
 Phedimus spurius 'John Creech'
 Phedimus spurius 'Red Carpet'
 Phedimus Kamtschaticum' Variegatum'
 Phedimus Kamtschaticum
 Phedimus Kamt Var. Floriferum
 'Weihenstephaner Gold'
 Phedimus Takesimensis 'Golden Carpet'
 Phedimus x Immergrunchen
 Petrosedum subsp. Rupestre 'Angelina'
 Petrosedum subsp. Rupestre 'Blue Spruce'
 Sedum Acre 'Aureum'
 Sedum Acre 'Goldmoss'
 Sedum Album 'Coral Carpet'
 Sedum Album 'Murale'
 Sedum Hispanicum

*ParaGREEN vegetated roof modules may include additional species depending on production method, time of year, and source crop availability.

Storage and Handling

All Siplast ParaGREEN products should be stored horizontally on a clean, flat surface. In order to maximize the opportunity for the plants to flourish, ParaGREEN Vegetated Roof Modules should be delivered to the job site on the day installation is scheduled to begin. Upon arrival at the job site, the temperature of the trays should be cool to the touch and maintained that way during site storage and installation. Should the module not be installed on the day of arrival, the modules must be unpalleted, laid out in the shade, and watered.

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

Packaging

Pallet: 40 in x 48 in x 42 in
(102 cm x 122 cm x 107 cm)

Typical Max. Pallet Weight: 1,430 lb/pallet
(649 kg/pallet)

5 layers of 6 trays on a pallet.
Pallets are wrapped, covered and strapped.

Note: Layers are separated by spacers to avoid top trays from crushing plants on bottom trays.