

VR LITE

SYSTEM	Components
VR LITE 2, VR LITE 3, VR LITE 4	VR AeroMat Percolation Layer VR AeroMix Growing Media Sedum Blend Cuttings* VR TerraHold Erosion Control Netting

PERFORMANCE UPGRADES	Why Upgrade?	Stormwater Retention Capacity	Saturated Weight
VR AeroMix Growing Media	Increase depth of growing media for additional Storm Water Retention capacity.	Adds 0.25 - 0.30 GAL/inch/SF	Adds 6.5 - 7.0 LB/inch/SF
VR HydraPanel 0.4 0.4-inch Drainage Sheet	Upgrade to this Drainage Retention Panel for additional Storm Water Retention capacity.	Adds 0.042 GAL/SF	Adds 0.35 LB/SF

VEGETATION OPTIONS	Minimum System Requirement	Maintenance	Distribution Rate	Establishment Period	Tips for Best Results
Sedum Blend* Cuttings	VR LITE 2	<i>High</i> Irrigation, erosion control measures and weeding required more frequently until full coverage is established.	25 LB/1000 SF	1 growing season	Can be combined with plugs for accenting purposes. Erosion netting required.
Sedum Blend* Plugs	VR LITE 3	<i>High</i> Irrigation, erosion control measures and weeding required more frequently until full coverage is established.	2.5 plugs/SF	1 - 2 growing season	Can be combined with cuttings for greater initial coverage. Erosion netting required.
Sedum Blend* Mats	VR LITE 2	<i>Moderate</i> Irrigation for first 8-weeks is critical to the establishment of mats.	N/A (full coverage)	4 - 6 weeks	More expensive than cuttings or plugs, but allows full coverage upon installation. Erosion netting not required.

ADDITIONAL OPTIONS	Description	Important Factors
VR RootBloc 10 10 mil Root Barrier	This Standard Polyethylene Root Barrier is 4 ply embedded with a polyester corded grid, Class A fire-rated.	Not all roofing systems require a root barrier. Check your roofing system specs for more guidance. Seams and projections require Manufacturer's Technical Tape.
VR RootBloc 40 40 mil Root Barrier	This Polyethylene Root Barrier is extra high strength with Carbon black for UV resistance.	Not all roofing systems require a root barrier. Check your roofing system specs for more guidance. Seams and projections require full seaming, with Manufacturer's Technical Tape or heat welding.
Bulk Bag Packaging for Growing Media	In instances where a blower truck installation is not possible or not preferred, growing media can be packaged in Bulk Bags with drawstring bottom chute for emptying.	Bulk Bags are generally required for roof heights greater than 10 storeys (100 feet).

ACCESSORIES (required)	Description	Important Factors
VR DrainGuard Drain Inspection Box	Aluminum. 15 x 15 inch box with drainage holes and lockable lid. Standard height: 6 inches.	Check roof drain sizing to ensure outer flange does not exceed 15-inches in diameter. Custom drain inspection boxes are available.

ACCESSORIES (optional)	Description	Important Factors
VR EdgeGuard Edging for VR Systems	Extruded Aluminum. L-shaped with drainage holes. 96-inch long pieces. Use with edging connectors, corners, and leveling strips, as needed. Standard heights: 6 inches.	Edging may be required depending on type of vegetation-free zone. Edging is not required when pavers are used, but is required when aggregate is used. (See standard details).
High Efficiency Rotary Irrigation	Hydro-Rain Programmable Controller, Valves, Rain Sensor, Blu-Lock Pipe and Fittings, Hunter Sprinkler Bodies with Rotary Heads.	Hose bibs are required per separate roof area. 110V GFCI receptacle is required where Controller is to be mounted (unless choosing Solar Option, see below).
Rotary Irrigation w/ Solar Option	Solar Panels are available to be added to the systems where power supply is difficult to attain.	

* All Plantings options comprise of Standard species mixes. Quote for Custom mixes.



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