

VR MAX

SYSTEM	Components				
VR MAX 4, VR MAX 6, VR MAX 8, VR MAX +	VR HydraPanel 1.25 Drainage/Retention Panel VR AeroMat Percolation Layer VR HydraMix Growing Media		Shortgrass Meadow Seed* VR TerraHold Erosion Control Netting		
PERFORMANCE UPGRADES	Why Upgrade?	Stormwater Retention Capacity		Saturated Weight	
VR HydraMix Growing Media	Increase depth of growing media for additional storm water retention capacity.	Adds 0.35 - 0.46 GAL/inch/SF		Adds 5.6 - 5.8 LB/inch/SF	
VR HydraPanel 2 2-inch Drainage/Retention Panel	Upgrade to this drainage retention panel for additional storm water retention capacity.	Adds 0.19 GAL/SF		Adds 1.86 LB/SF	
VEGETATION OPTIONS	Minimum System Requirement	Maintenance	Distribution Rate	Establishment Period	Tips for Best Results
Assorted Perennials* Plugs	VR MAX 4	<i>High</i> Erosion control measures and weeding required more frequently until full coverage is established.	2 plugs/SF	1 growing season	Can be combined with seeding for accenting purposes.
Assorted Perennials* Pots	VR MAX 4	<i>High</i> Erosion control measures and weeding required more frequently until full coverage is established.	1 - 3.5" pot/SF	1 growing season	Apply mulch annually at a depth of 2 inches. Can be combined with seeding for accenting purposes.
Urban Meadow* Wildflower Meadow* Shade Meadow* Seed Mix	VR MAX 6	<i>Moderate</i> Irrigation, erosion control measures and weeding required more frequently until full coverage is established.	3 LB/1000 SF	Germination: 10 - 14 days Full Coverage: 8 - 10 weeks	Inject seed via a Blower Truck's Supplemental Injection System.
Shrubs*	VR MAX 8	<i>High</i> Erosion control measures and weeding required more frequently until full coverage is established.	As per design	1 growing season	Apply mulch annually at a depth of 2 inches.
Trees*	VR MAX +	<i>High</i> Erosion control measures and weeding required more frequently until full coverage is established.	As per design	1 growing season	Apply mulch annually at a depth of 2 inches. Trees require a minimum of 24 inches of growing media.
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 heights: 6, 8, 10 inches.	Check roof drain sizing to ensure outer flange does not exceed 15-inches in diameter. For depths of growing media exceeding 8 inches, custom heights are available.			
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, 8, 10 inches.	For depths of growing media exceeding 8 inches, custom heighted are available.			
ACCESSORIES (optional)	Description	Important Factors			
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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