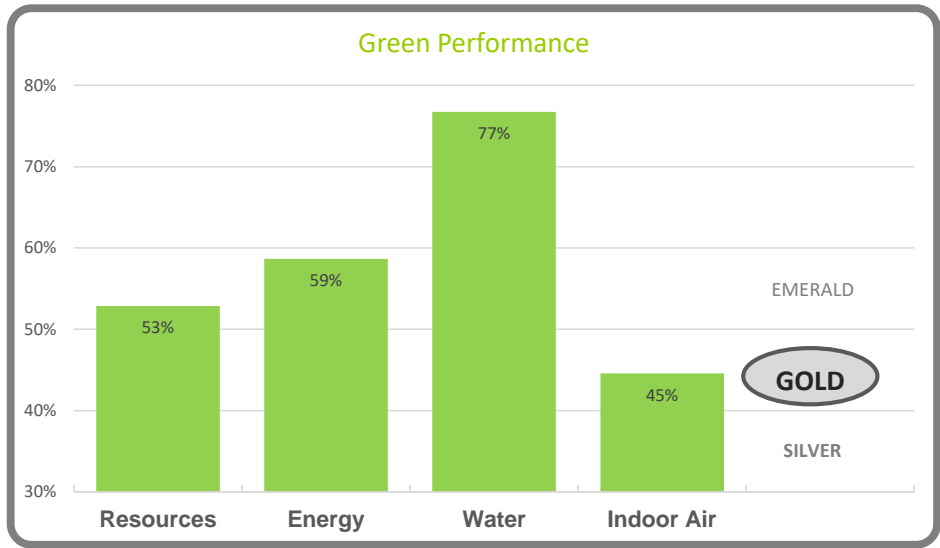




Green RV Certification Checklist v3.1



Vienna & Villagio



Resource Efficiency

87

<u>Points Available</u>	<u>Item</u>	<u>Points Claimed</u>
14	Construction waste materials are recycled onsite. (2 pts each max 14 pts) list: Wood, cardboard, aluminum, steel, copper wire	10
20	Ratio of recycled materials to waste (50% - 5 pts, 75% - 10 pts, 90% - 20 pts)	5
5	CNC Machines utilized to maximize material cuts (1 pt per material, 5 pts max) list: water jet for steel, aluminum, plastic & wood	4
5	Jigs are used (1 pt each, max 5 pts) list: floors, sidewalls, weldments, frame assembly, jack placement	5
5	Material scraps are reused. (1 pt each, max 5 points) list: wiring falloff, window & door cutouts for cargo	2
5	Reusable shipping containers used for major materials (1 pt each, max 5) list: doors, a/c, cabinets, windows, generators	5
5	Major materials are cut to size at supplier - (1 pt each, max 5) list: vinyl flooring	1
10	Materials with recycled content are used. (2 pt each, max 10) list: carpet padding, insulation	4
2	Rain drainage system installed	
10	Regional materials are used for major components of the RV (500 miles) (2 points each, max 10 pts) list materials:	
3	RV component manufacturer facility is ISO 9001/14001 or equivalent. (1 point each, max 3 pts) list mfr:	
3	RV component is UL Certified (or equivalent) (list product and listing, 1 point each, max 3 pts)	
6	Certified wood (2 point per product type, max 6) (list wood product and certification) 2x2 (SFI)	2
5	Minimal use of wood	5
3	Nitrogen-filled tires	3

101 Points available

Resource Efficiency Total:

46	53%
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Energy Efficiency

173

Insulation		Type	R-value			
33	Walls	foam	4.5			26.5
	Floor	foam	7			30
	Ceiling	foam	15	Total:	26.5	2
20	LED lighting (>90% interior & exterior)					
6	Awnings are standard - 2 pts each, max 6					
5	Soap pressurization test on entire unit					
10	Energy efficient appliances (2 points each, max 10)					
	list:					
10	Energy efficient furnace & A/C (5 pts each, 10 pts max)					
	List:					
4	Energy monitoring device					4
6	Skylights to provide natural lighting (2 pt each, max 6)					2
10	Heating system with NO ducts					
10	Cooling system with NO ducts					10
4	Convection microwave or cooktop is standard - (2 pts each, max 4)					2
30	Solar panels (prewired - 10 pts; factory installed - 30 pts)					10
5	Enhanced window performance					5
10	Rain booth test to ensure leak-free construction					10
10	lightweight (less than 5k lbs - 2 pts, 4k lbs - 4 pts, 3k lbs - 6 pts, 2k lbs - 8 pts, 1k lbs - 10 pts)					
173 Points Available						Energy Efficiency Total: 102
						59%

Water Efficiency

43

30	Low flow fixtures				20	
		5	kitchen (≤ 2.2 gpm - 5 pts)			
		5	bath (≤ 1.5 gpm - 5 pts)			
		5	showerhead (2.5 gpm - 5 pts)			
		5	toilet is low-flow or pedal flush - 5 pts			
			toilet is composting - 15 points			
5	Instant hot water heater is standard				5	
3	Water line test water is recycled and reused or units are air tested				3	
5	Rain booth water is recycled and reused				5	
43 Points available					Water Efficiency Total:	33
						77%

Indoor Air Quality

83

MANDATORY All wood materials are CARB 2 compliant

16	Low VOC materials are used (2 pts each) Based on LEED for Homes				6	
		2	caulks/sealants	List: [REDACTED]		
			carpet	List:		
			carpet pad	List:		
			furniture	List:		
			drapery/bedding	List:		
		2	cabinets	List:		
		2	hard flooring	List: [REDACTED]		
			walls/ceiling	List:		
			insulation	List:		
			other	List:		
5	Final finish cleaning products are low VOC (based on LEED for Homes)					
10	Zero or minimal carpet is installed (slide outs/cab allowed)				10	
40	Non-emitting materials or undetectable formaldehyde (5 pts ea; walls/ceiling/floor = 10 pts)				15	
			caulks/sealants	List:		
			carpet	List:		
			carpet pad	List:		
			furniture	List:		
			drapery/bedding	List:		
			cabinets	List:		
			hard flooring	List:		
		10	walls/ceiling	List: [REDACTED]		
		5	insulation	List: [REDACTED]		
			other	List:		
9	Ventilation/exhaust devices (3 pts each)				3	
3	Ductwork is off the floor				3	
83 Points available					Indoor Air Total:	37
						45%