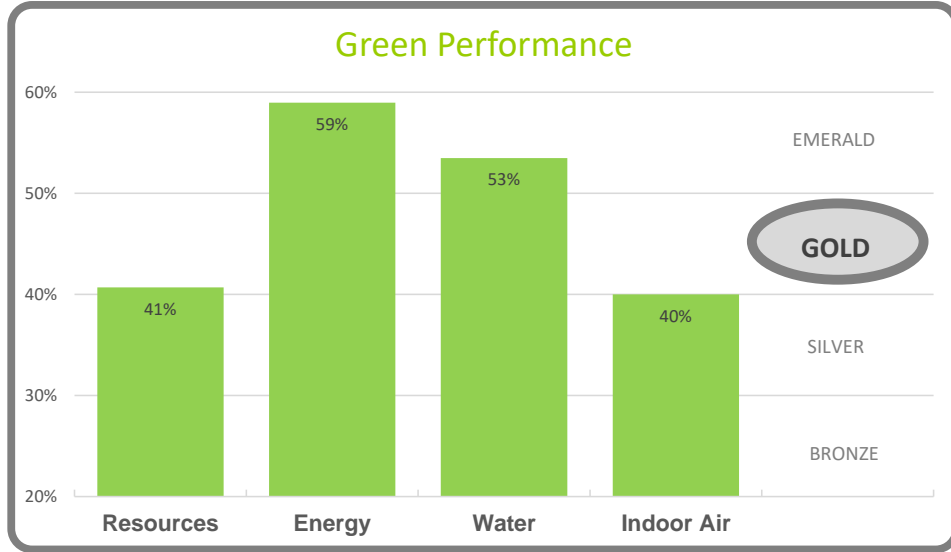




# Green RV Certification Checklist

## BEYOND

By Coachmen



# Resource Efficiency

86

| <u>Points Available</u>           | <u>Item</u>  | <u>Points Claimed</u> |
|-----------------------------------|--|-----------------------|
| 14                                | <b>Construction waste materials are recycled onsite. (2 pts each max 14 pts)</b><br>list: cardboard, plastics, copper wire, polystyrene, aluminum, steel | 12                    |
| 20                                | <b>Ratio of recycled materials to waste</b><br>(50% - 5 pts, 75% - 10 pts, 90% - 20 pts)   | 5                     |
| 5                                 | <b>CNC Machines utilized to maximize material cuts (1 pt per material, 5 pts max)</b><br>list: Sidewalls, ceiling, cabinets                              | 3                     |
| 5                                 | <b>Jigs are used (1 pt each, max 5 pts)</b><br>list: Cabinet lights, walls   | 2                     |
| 5                                 | <b>Material scraps are reused. (1 pt each, max 5 points)</b><br>list: Scrap for backers, flooring cut-off for smaller spaces                             | 2                     |
| 5                                 | <b>Reusable shipping containers used for major materials (1 pt each, max 5)</b><br>list:   |                       |
| 5                                 | <b>Major materials are cut to size at supplier - (1 pt each, max 5)</b><br>list:   |                       |
| 10                                | <b>Materials with recycled content are used. (2 pt each, max 10)</b><br>list: insulation   | 2                     |
| 2                                 | <b>Rain drainage system installed</b>  |                       |
| 10                                | <b>Regional materials are used for major components of the RV (500 miles)</b><br>(2 points each, max 10 pts) list materials:                             |                       |
| 5                                 | <b>RV component manufacturer facility is ISO 14001 or equivalent.</b><br>(1 point each, max 5 pts) list mfr:   | 2                     |
| 6                                 | <b>Certified wood (2 point per product type, max 6)</b><br>(list wood product and certification)   |                       |
| 5                                 | <b>Minimal use of wood</b>   | 5                     |
| 3                                 | <b>Nitrogen-filled tires</b>   |                       |
| 2                                 | <b>Integrated water heater &amp; furnace</b>   | 2                     |
| <b>Resource Efficiency Total:</b> |  | <b>35</b>             |
|                                   |  | <b>41%</b>            |

# Energy Efficiency

173

| Insulation |         | Type | R-value |        |   |
|------------|---------|------|---------|--------|---|
| 33         | Walls   | Batt | 7       |        |   |
|            | Floor   |      |         |        |   |
|            | Ceiling |      |         | Total: | 7 |

- 30 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: TV
- 10 Energy efficient furnace & A/C (5 pts each, 10 pts max)  
List:
- 4 Energy monitoring device
- 6 Skylights to provide natural lighting (2 pt each, max 6)
- 10 Heating system with NO ducts
- 10 Cooling system with NO ducts
- 4 Convection microwave or cooktop is standard - (2 pts each, max 4)
- 30 Solar panels (prewired - 10 pts; factory installed - 30 pts)
- 5 Enhanced window performance
- 10 Rain booth test to ensure leak-free construction

|     |
|-----|
| 7   |
| 30  |
| 2   |
| 5   |
| 2   |
|     |
| 4   |
| 2   |
|     |
| 10  |
|     |
| 30  |
|     |
| 10  |
| 102 |
| 59% |

Energy Efficiency Total:

## Water Efficiency

43

|                                |   |   |   |    |     |
|--------------------------------|---|---|---|----|-----|
| 30                             | <b>Low flow fixtures</b>  |   |   |    |     |
|                                |   | 5 | kitchen ( $\leq 2.2$ gpm - 5 pts)         | 15 |     |
|                                |   |   | bath ( $\leq 1.5$ 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                              | <b>Instant hot water heater is standard</b>                                 |   |   |    |     |
| 3                              | <b>Water line test water is recycled and reused or units are air tested</b> |   |   | 3  |     |
| 5                              | <b>Rain booth water is recycled and reused</b>                              |   |   | 5  |     |
| <b>Water Efficiency Total:</b> |   |   |   | 23 | 53% |

## Indoor Air Quality

80

MANDATORY All wood materials are CARB 2 compliant

|                          |   |   |                 |                  |     |    |
|--------------------------|---|---|-----------------|------------------|-----|----|
| 16                       | <b>Low VOC materials are used (2 pts each) Based on LEED for Homes</b>      |   |                 |                  |     |    |
|                          |   | 2 | caulks/sealants | List: [REDACTED] | 6   |    |
|                          |   |   | carpet          | List:            |     |    |
|                          |   |   | carpet pad      | List:            |     |    |
|                          |   |   | furniture       | List:            |     |    |
|                          |   |   | drapery/bedding | List:            |     |    |
|                          |   |   | cabinets        | List:            |     |    |
|                          |   | 2 | hard flooring   | List: [REDACTED] |     |    |
|                          |   |   | walls/ceiling   | List:            |     |    |
|                          |   |   | insulation      | List:            |     |    |
|                          |   | 2 | other           | List: [REDACTED] |     |    |
| 5                        | <b>Final finish cleaning products are low VOC (based on LEED for Homes)</b> |   |                 |                  |     | 5  |
| 10                       | <b>Zero or minimal carpet is installed (slide outs/cab allowed)</b>         |   |                 |                  |     | 10 |
| 40                       | <b>Non-emitting materials (5 pts each; walls/ceiling/flooring = 10 pts)</b> |   |                 |                  | 5   |    |
|                          |   |   | caulks/sealants | List:            |     |    |
|                          |   |   | carpet          | List:            |     |    |
|                          |   |   | carpet pad      | List:            |     |    |
|                          |   |   | furniture       | List:            |     |    |
|                          |   |   | drapery/bedding | List:            |     |    |
|                          |   |   | cabinets        | List:            |     |    |
|                          |   |   | hard flooring   | List:            |     |    |
|                          |   |   | walls/ceiling   | List:            |     |    |
|                          |   | 5 | insulation      | List: [REDACTED] |     |    |
|                          |   |   | other           | List:            |     |    |
| 9                        | <b>Ventilation/exhaust devices (3 pts each)</b>                             |   |                 |                  | 3   |    |
| 3                        | <b>Ductwork is off the floor</b>  |   |                 |                  | 3   |    |
| <b>Indoor Air Total:</b> |   |   |                 | 32               | 40% |    |