



WHY HEMP?

Z-Built ADU houses are built with hemp-based Z Panels from Sativa Building Systems in Wittenberg, WI. Hemp fiber provides superior thermal and moisture qualities, a renewable resource cultivated by US farmers.

Hemp-based building products are engineered to meet strict code standards of the IRC and the US Army mandates, which require carbon-neutral materials.

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Healthy, Durable, Climate-Friendly

General

- Optional Trailer
- Pro-Snap Steel fastener construction, lifetime warranty. Eliminates exposed screws, increases durability.
- Double pane, low E windows.
- 6' wide sliding patio door.
- Red cedar bevel siding accent stained with hemp oil.

Construction

- 24' trombe wall made with hemp Z-Panels, providing multiple value points for thermal and moisture management.
- Roof and remaining walls insulated with Rockwool Greengold Certified.
- 3/4" Tongue-and-Groove Plywood Floor

Kitchen

- 25" Quartz Sink.
- Summit 24" wide 9.9 Cu. Ft. Electric Fridge.
- Summit 20" wide 2.3 Cu. Ft. Electric Range with 4-burner cooktop.
- Counter-to-ceiling ceramic tile backsplash.
- Hard Maple butcher block countertops / breakfast bar stained with a no-VOC dark tung oil.
- Solid oak-faced cabinets finished with no -VOC paint.

Bathroom

- Separett Villa 9215 waterless composting toilet.
- Large 5' shower with glass tile surround and fiberglass base. Sliding glass doors.
- 30" wide birch wood vanity.
- Ceramic tile floor.

Utilities

- Pioneer 12,000 BTU 20 SEER 115V Ductless Mini-Split Inverter and Air Conditioner Heat Pump System.
- EcoSmart Eco 8-kilowatt tankless water heater.
- Freeze-proof insulated plumbing.
- RV style water connection.
- 50 amp breaker panel.
- RV style electrical connection.
- 15 total outlets including 4 GFCI protected outlets in kitchen and bathroom.
- 6 canless LED interior lights, 2 bathroom wall lights, 1 LED exterior light.

Chemistry

- No MDF was used in any of the wall coverings or trim to reduce outgas.
- Solid pine wood shiplap is used for all walls and ceiling.
- Ceiling shiplap stained with a no-VOC tung oil from the Real Milk Paint Company.
- Wall shiplap painted with no-VOC paint
- Solid pine wood baseboard, casement, and corner trim finished with Clare paint.
- Wilderness Birch Engineered Hardwood Flooring with a 35 year warranty.
- No-VOC floor, rare among flooring.
- Red Cedar exposed beam floor joists.
- Solid pine shelves, stairs, and railing. All stained with no-VOC dark tung oil.



ADU = Accessory Dwelling Unit

New Laws, New Options



Small.

The next frontier in Wisconsin real estate.



Builder Incentives.

Government Agencies Need New Housing Solutions to Address:

- Affordability.
- Sustainability / Carbon Neutral.
- Community Development.
- Disaster Response.

Affordability?

Factors: Grant-supported subsidies; Sustainability; Infrastructure; Modularity; Local Builder Partners; Community Engagement.

Carbon-Neutral.

Hemp materials make this ADU product cutting edge, to meet climate-friendly compliance and qualify for grants. The hemp Z-Panels meet strict ICC, IRC codes, as well as US Army carbon-neutral mandates.

We Work With Builders & Agencies

nVIsion helps you to envision. We are a professional design firm, with a national network and stellar reputation in sustainability. One example, In 2006 we were on the ground along the Gulf Coast, post-Katrina, developing panelized housing solutions. We've been leading industrial hemp, statewide, in GA and WI since 2018.



High End means...

- Overall value.
- Attention to detail.
- Investing in the long term.
- Thermal / Moisture factors.
- Energy costs.
- Scalability.
- Modularity.
- Non-depreciating.
- Locally made.



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Housing Crunch Market Conditions

Most "tiny homes" are pricey one-offs, with questionable engineering and fixtures. Z Built ADU sets a new standard.



Owner cost, \$120k installed.

- Installed on Slab with Utilities and High End Fixtures.
- Modular System from Manufacturer.
- Adds Equity and Rental Income.
- Appreciates in Value.
- Built to Last. Scalable.
- Partnership Options with Builders.



Nebraska Tiny Home \$80k
no foundation



Tennessee Tiny Home \$120k
no foundation



California Tiny Home \$139k
no foundation



Alabama Tiny Home \$144k
no foundation