

For more information contact:

Office of Technology Management

www.otm.msstate.edu

p: 662-325-9263

OTM #: 0397

Inventor:

Michael A. Berk, School of Architecture

green Mobile

GreenMobile ®

GreenMobile [®] provides custom construction consultation services of ecological-minded, factory built modular housing units for residential and commercial use. This includes the planning, design, laying out, and construction of low-cost, energy efficient and environmental-friendly prefabricated manufactured housing units and components.

How It Works

GreenMobile® uses fewer parts on the assembly line by constructing the floors, walls, and roofs entirely out of pre-fabricated structural insulated panels which can be quickly assembled with minimal re-tooling. Built in porches provide the homes with maximum natural air movement and air flow within the structure. In order to build units that are durable and eco-friendly, GreenMobile® proposes all building materials, appliances, and mechanical systems undergo a sustainability and life-cycle analysis.

<u>Advantages</u>

- Fewer parts; quicker assembly
- Lightweight for delivery
- Exceptional insulation value
- Only one trade for all structure and spatial enclosures