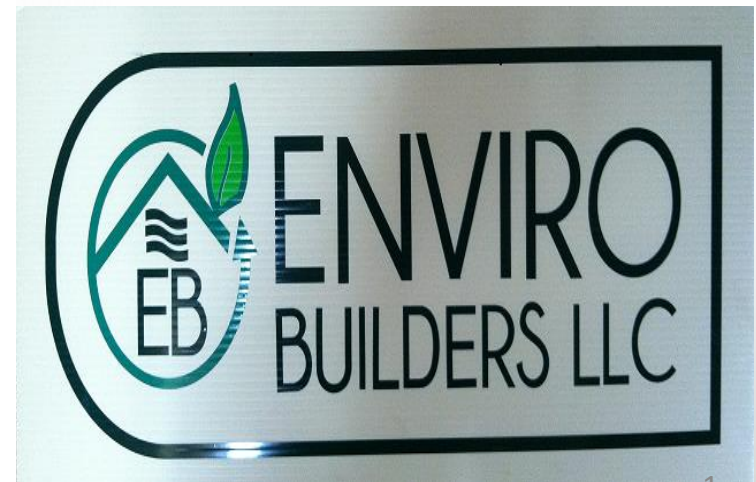


BRADBURY LOGISTICS & SERVICES, LLC



Enviro SmartSteel

What are Zero Net Energy Homes?

- Basic Definition: Net cost of energy is zero dollars.
- Homes are highly insulated and utilize energy efficient appliances, heating and lighting systems.
- Solar energy systems produce sufficient electricity to meet the energy needs of the home.
- Homes utilize water efficient appliances and fixtures.



Enviro SmartSteel



Primary Competitors:

- Amerisips, Nexus & Permatherm.
- Like SmartSteel, entire building shell, including roof, walls and floor constructed using Structural Insulated Panels (SIP).
- Like SmartSteel, panels manufactured and precision cut in the factory and come to the site ready for quick assembly.
- (4" - 9" thick walls: **R-24 to R-32**)
- Less safe, more expensive, lower R-Value.³



Enviro SmartSteel

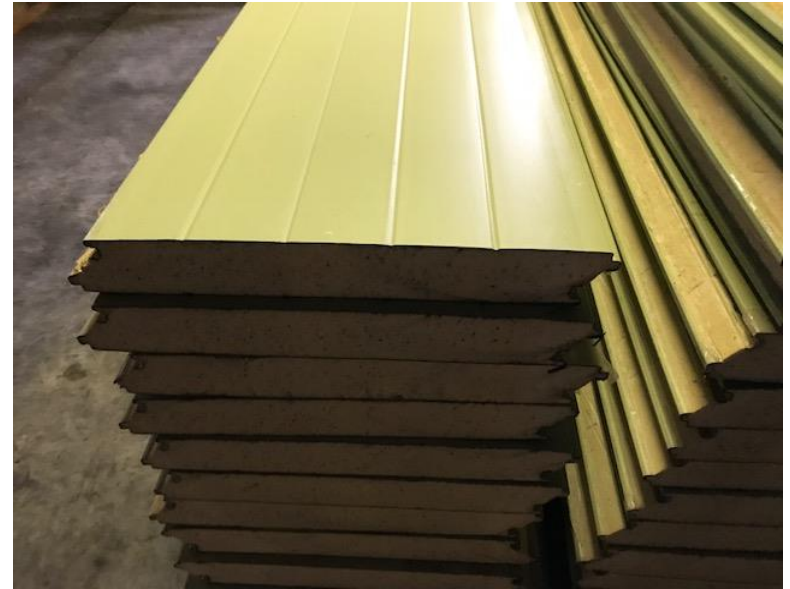
➤ **HOW ARE WE DIFFERENT !!**



Enviro SmartSteel

SmartSteel Panels used for constructing the Walls, Floors and Roof of the home with NO need for additional insulation.

24'' Wide x 3'' thick Panel with R Value = 49



Enviro SmartSteel

INSULATION IN EACH PANEL: 12"-16"
R-VALUE = 49

2-22 GA. GALVALUME STEEL SHEETS



Enviro SmartSteel

WALL CONSTRUCTION



Enviro SmartSteel

WALL CONSTRUCTION-ELECTRICAL



Enviro SmartSteel

SAFETY FEATURES

- Termite and toxic mold resistant.
- 97% closed cell construction; will not absorb water.
- Contains no formaldehyde or cellulose material.
- Panels Are Non-Combustible (ASTM E-84).
- Panels are made with recyclable non-toxic material.



Enviro SmartSteel

STRENGTH FEATURES

- PANELS WEIGH HALF AS MUCH AS OTHER BUILDING MATERIALS OF EQUIVALENT SIZE; HOWEVER, IT IS MUCH STRONGER.
WEIGHT=2.5 LBS. / SQ. FT.
- ENVIRO SMARTSTEEL HAS BEEN TESTED BY ANSI [A58.1] (AMERICAN NATIONAL STANDARDS INSTITUTE) TO WITHSTAND WINDS UP TO 300 MPH.
- A Roof Constructed Of This Material Can Withstand 100 pounds Of snow per square foot (ASTM A-446).



Enviro SmartSteel

CONSTRUCTION COST

- Fast And Easy To Erect – SmartSteel Panels used to construct Walls (exterior), Floor & Roof replacing conventional stud Wall, Roof Framing & Insulation.
- Lower Construction Labor Cost than any other Material available.
- 100 % Panel (Flood Prone Areas) or Conventional Interior Construction.
- Conventional exterior siding or finish.



Enviro SmartSteel

Solar Panel Comparison To Achieve Net Zero Energy

Solar Panel Power Generation: 290 Watts/Panel

<u>Type of Housing Construction</u>	<u>Stick-Built</u>	<u>SmartSteel</u>
Electrical Usage	1,810 Kwh	400 Kwh
Number of Panels	44	10
Solar Energy System Cost	\$50,000	\$11,400
(energy reductions due to other components excluded)		



Completed Construction !



CONSTRUCTION COMPLETION-INTERIOR



Enviro SmartSteel

OTHER BENEFITS

- No Rafter Systems are required in the Attic other than Main Beams and if necessary, Support Columns.
- Therefore, the Attic Space can be used for Storage Space or converted to additional Usable Space with minimum effort.



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ANY FLOOR PLAN CAN BE BUILT



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Roof type can be shingle or metal !



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5100 Sq. Ft.



1200 Sq. Feet

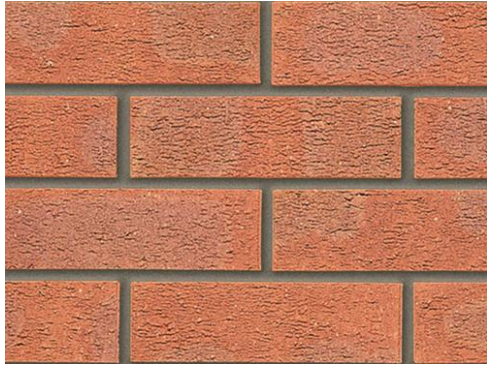


6100 Sq. Feet

Housing Built To Individual Specifications



What about the exterior finish??



- SmartSteel Panel seams can simply be mudded and painted as an Interior Finish.
- Panel's exterior can be painted directly.



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