



[www.inergyhomes.com](http://www.inergyhomes.com)

541-773-8200

## Are You Really Into Conservation?

### Want a New Home?

### Build any plan on your lot and foundation.

Inergy Homes construction is dedicated to keeping building costs as low as possible and adding maximum value for the new home buyer. Not only are construction costs very important, but the continuing costs of upkeep, maintenance and utilities are also reduced. That's why we believe in building a truly affordable, energy efficient home that provides owner comfort and cost savings throughout the life of your home.

### Here are the facts ...

- Smart green starts by recycling and doing something good for the long term.
- Each junk car when recycled produces 3,000 pounds of steel on average.
- An average 2,000 sq. ft. home takes about 5.71 lbs steel per square foot.
- A 2,000 sq. ft. home takes 11,420 pounds steel.
- 11,420 pounds of steel is 3.8 junk cars from scrap yards.
- A 40,000 pound roll of steel produces 3.5 - 2,000 ft<sup>2</sup>.homes.
- As stated by Recycled Steel Institute, 95% of this steel is recycled.
- No trees, logs or lumber involved in the framing making this home completely fire resistant.

**FROM - JUNK CARS**



**TO - 40,000# ROLE STEEL**



**TO - STEEL FRAMED HOMES**



**This question was asked of BLM:**

**What is a million board-feet (MMBF) of Timber?**

- ★ 220 log truck loads to haul 1,000,000 MMBF.
- ★ One load of logs is 4,550 BF per load.
- ★ One 2,000 sq ft home requires 15,800 board feet of logs.
- ★ It takes 3.47 loads of logs to frame one 2,000 sq. ft. home.
- ★ It takes 100 to 150 years for the forest to produce these logs.

★ One 40,000 pound roll of steel conserves 17 loads of logs.

★ Information provided by BLM

FROM FOREST



LOG TRUCKS to LOG YARD



LOG YARD to SAW MILL



It is estimated that only about 20% of the logs that enter a mill end up as usable framing lumber. Depending on the quality of the builder, 10– 30% of all lumber hauled from the lumber yard to the job site is rejected as waste. *Data shows that harvesting wood for housing produces over seven times the greenhouse gas emission of steel.* (As stated by Michael Roddy in published article “The Real Score on CO2 emissions and Framing Material.”)

Inergy Homes wall and roof system are approved by **Oregon Department of Energy** and is not only a proprietary building system, it is also the best energy efficient home available.

Inergy Homes frames each with 100% steel, has Radiant Barrier System (RBS), Exterior Rigid Continuous EPS Insulation all four walls and roof forming an air tight envelope. Home owners enjoy these benefits and savings for the life of the home and experience a greater resale value. (TCO)

### Added benefits are:

- Reclaimed steel as framing material: saves energy, forest resources, and cuts CO2 emissions.
- Steel is precision manufactured (square and plumb): doors, windows all fit for life of home.
- Steel provides stability: once doors and windows installed, no further adjusting needed.
- Steel is 20 times stronger than wood: no shifting, warping or repairs.
- Termite free: no wood-no termite, no pest control cost, no repairs over life of home.
- Steel framing does not wick moisture: no mold, mildew, or dry rot in framing or insulation.
- Steel has stronger fastener retention: means no sheet rock pops.
- Earthquake resistance: steel 20 times stronger than wood.
- Steel framing is fire proof: family safety is increased during an accident.
- Steel Hold-downs to concrete: no call back for shifting and is earth quake resistant.
- Steel pre engineered: speed ease of construction no measuring or cutting at site.
- Steel framing is pre-drilled for assembly: lower cost for sub contractors.
- Minimal waste construction: lower cost and less strain on the environment.
- Steel is recyclable: can be used over and over again.
- Steel Exceeds "Green Building Requirements": saves utilities after tax cost.
- Steel, Radiant Barrier System, EPS ridged insulation: minimal air infiltration cuts energy.

- Continuous ridged insulation retains R-value for life of the home no moisture buildup.
- Continuous EPS Insulation creates an Envelope: wind resistant, quiet, no air infiltration.
- Better control of in home air quality: means healthier living space.
- Steel, RBS and continuous EPS insulation: saves 60% utilities costs.
- RBS installed on roof and all four walls: blocks 97% radiant heat from entering the home.
- RBS installed on roof and all four walls: blocks 85% radiant heat loss during winter season.
- Retains wall and Roof Whole R-Value (R-ww) value throughout life of the home.

**It's up to all of us... We can make a difference.  
It's time we all build quality affordable energy efficient homes.**

**From Do-It-Yourself Kits shipped directly to your site, to large apartment complexes...  
we do it all. Call for an affordable quote today.**



**Contact Us: 541-773-8200**  
**Please visit our web site at**  
[www.inergyhomes.com](http://www.inergyhomes.com)