Contact Us: 541-773-8200

IS SMART GREEN CONSERVATION?

WHAT'S THE LARGEST MONTHLY EXPENSE A HOMEOWNER HAS?

ANSWER: MONTHLY AFTER TAX UTILITY ENERGY COSTS.

TOTAL COST OWNERSHIP (TCO)

Frost melting is waste (conventional built)

No Frost melting here (Inergy Homes built)

Build tight and ventilate right for energy efficiency.
Maintains a healthy indoor air quality and saves money.

Remember, Smart Green starts with waste reduction. Don't miss out on our innovative building techniques that will assure you maximum after-tax energy savings. The dollar you never spent is the best dollar you ever earned.

Inergy Homes system brings superior building technologies together to economically achieve the following: Radiant Barrier System (RBS), Continuous EPS Rigid Exterior Insulation controls Radiant Heat Transfer, Thermal Bridging and Air Infiltration. In addition, EPS rigid insulation does not deteriorate over time, and will not sag, compact or retain moisture as bat and blown in insulation does. You only have one chance to have these advantages and that's when you build or remodel.

Radiant Barrier System (RBS) installed on all exterior walls and roof controls heat gain in summer and heat energy loss in winter. The very definition of RBS means BLOCK. RBS blocks 97% of heat transfer from summer sun into the building saving air conditioner run time and energy. The RBS blocks and radiates back up to 85% of the heat that hits walls and roof from the inside back during winter heating season saving energy and money and making your home more comfortable. This is a win-win situation.

Rigid EPS does not absorb moisture and retains stated R-Value for life of the home. In a very short time fiberglass and blown in insulation looses R-Value by compaction, sagging and moisture retention. A gain of just 1½ % moisture retention in fiberglass and blown in insulation cuts R-Value by 36%, as stated in Reflective Insulation Manufacturing Association, (RIMA) published material, Physics of Foil, see below.

- For more information check this out:
- http://www.radiantbarrier.com/physics-of-foil.htm

The term we want to remember is: RADIANT BARRIER means to BLOCK. R-Value means resistance or slows. Utilities cost and maintenance of heating and cooling equipment cost homeowners money. These costs are after-tax dollars. Add your income tax rate to your utility bill, and this is your true cost of utilities*. Home utilities are not deductable on your income taxes.*

It's as simple as this…

- Insulation R-Value (Resistance) determines the time it takes for heat to transfer through the insulation.
- Properly installing a RBS prevents the heat from entering the insulation in the first place. Therefore, increasing R-Value is not the main issue, or as important to keep warm in the winter and cool in the summer, it takes it all.

All insulation used by Inergy Homes is rigid continuous EPS and is used on all exterior walls and roof to form an airtight envelope. Our blower door test came in at 2.7 ACH50 which is 259% better than Energy Star requirement. RBS and EPS continuous insulation controls heat transfer and air infiltration.

It takes all three components: Radiant Barrier System, Exterior EPS Ridged Insulation and Steel Framing to build a truly energy efficient home that will provide owner comfort and cost savings for the life of the home.

Build any plan on your lot and foundation.
From Do-It-Yourself Kits shipped directly to your site or a four (4) story apartment complexes...
we do it all, engineer and manufacture.
Call for an affordable quote today.
541-773-8200
Visit our web page at www.inergyhomes.com