

The TRUTH Revealed about ICF Systems Don't be fooled by tricky words

Solid, Safe and Sensible Shell

Construction System

Omniconrete is the authentic ICF system



that is the Greenest, most sustainable, energy efficient, fire proof, termite proof, mold proof and driest building system ever to enter the construction market. It costs less and is over twice the wind resistance and impact resistance of all other ICF systems.

Did you know?

The processes used to manufacture Polystyrene are immediately destructive to the environment. Since the process involves the use of two carcinogens (cancer causing agents) benzene and styrene some studies have indicated that the process is also dangerous to factory worker's health. After the disasters of Asbestos and lead based paint, is it really worth the risk of potentially dangerous chemicals introduced inside the walls of our homes? The use of such chemicals opposes the concept of a Green building process. Omniconrete ingredients and process are natural and sustainable. No dust or environmental harm is created during the manufacturing process. Pieces are cut while the material is wet before it is baked and therefore no dust is generated during the cutting process. The choice is weather you use a chemically based material or an organically based process; that is the real question.

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Authentic ICF



Omniconrete is the only authentic ICF stay-in-place wall forming system. Forming walls are made from concrete (Autoclaved Aerated Concrete). Notice the thickness the Omniconrete forming walls compared to the all other ICF forming walls. The other ICF walls are flimsy and have the potential of moving when the core is poured with concrete creating uneven walls or a possibility of a "blow-out" during pouring. Finish materials on the Omniconrete walls are easily applied to inside and outside walls (no drywall is used). Bracing is not needed in the Omniconrete process. Omniconrete truly is the "Greenest" wall system ever! Notice the upper right picture- ready to pour NO BRACING!

Other ICF's



All other systems, like the ones shown above, use Polystyrene forms that require extensive bracing to offset the hydrostatic pressure when concrete is later pumped into the core. These bracing materials become very expensive and along with the use of dry-wall help significantly increase the cost much higher than the Omniconrete process. Most ICF marketers claim that Polystyrene is fire proof but when a match is placed on a Styrofoam coffee cup it burns without a flame; but it burns. Pouring gasoline on Polystyrene causes the material to evaporate. If fire burns off the forming materials a void will be created between the concrete core and the stucco materials.

ICF is an acronym that stands for Insulated Concrete Forms. The perception that the industry is trying to deliver is that the forms are insulated and made from concrete. Only Omniconrete actually uses real concrete forms. The forming walls in other ICF systems are actually Polystyrene which is NOT fire proof, and green as they boast. In fact, they do burn but without a flame giving off black toxic smoke that is many times more toxic than burning wood. Rats, mice, roaches and termites can boar holes in the Polystyrene and live inside the walls ready to attack the home at will. Visit our web site at <http://www.omniconrete.com> and <http://www.omniconrete.net>

FEATURE AND BENEFIT COMPARISONS

Description of Feature:

Are the finish walls monolithic (1 piece)?
Are sustainable building materials used?
How wind resistant are the finish walls?
What about termites & other insects?
How is base molding attached to walls?
How is crown molding attached?
Is drywall used inside of the home?
Can heavy pictures be hung on walls?
Can rats, mice & bugs nest in wall cavity?
Can forms move while pouring?
How are finished coatings applied?
Can forming walls burn?
Are walls impact resistant?
Fire rating of forming walls?
Are walls environmental friendly?
Are forming walls considered "Green"?
Are windows attached to concrete core?
What maintenance is req. around windows?

Omniconrete ICF

Yes
Yes
300 mph; will test at 500 mph
100% resistant to all insects
Nail Gun - With Ease
Nail Gun - With Ease
No
Anywhere on Wall With Ease
No
No
Directly onto AAC; No D/W
No; they are 100% concrete
Durable 100% concrete walls
1 hr / inch = 8 hrs total + core
Yes, all concrete, no off gas'g
Yes, best of all systems
Yes
None

Other ICF's

Some are; Most are Webbed
No; Polystyrene & plastic bucks
150 mph to 200 mph
Could nest in walls, go to trusses
Difficult - Must glue to drywall
Difficult to Nearly Impossible
Yes
Must go to Solid Core
Yes
Yes
Drywall inside, wire/stucco out
Can melt and cause a void
Very little - soft Polystyrene
Unknown - will burn / melt
No, made from petroleum base
No, petroleum based
No, to wood or plastic bucks
frequent caulking