



Eco-\$mart, Inc.
www.ecosmartinc.com
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FASWALL

Recycled Wood and Cement ICF

Using waste wood by-products as a basic raw material turns an environmental problem into an energy-efficient solution! *FASWALL* benefits include:

4-Hour Fire Rating

NO Flame spread. NO Smoke development (ASTM C-119-88, E-84-89a).

Freeze and Thaw

Passed 300-Cycle Test (ASTM C 666)

Termite and Pest Resistant

Unlike foam-plastic wall-forms, termites can't tunnel through *FASWALL* to gain access to tastier timber. Test Univeristy of Georgia, Department of Entomology.

Withstands Even Hurricane-Force Winds

The reinforced concrete structure resists even the harshest weather that Mother Nature can create, providing Safety and Security that conventional construction can't even come close to.

Energy Efficient

The insulation is Built-In! With an R-value from 18 up to 24, depending on the wallform configuration and the thermal mass of the concrete core, a *FASWALL* wall is cool in summer and warm in winter. You can reduce utility bills to a fraction of what they would be with conventional construction.

Superior Sound Proofing (ASTM E 90-90)

A *FASWALL* building is one of the quietest structures you can create. Ideal for classrooms, motels, hospitals and apartments, it's sound absorption PLUS fire rating makes it an unbeatable fire or separating wall.

Breathing Wall

In contrast to tightly sealed wall systems, the wood-concrete shell and webs in a *FASWALL* structure create a very slow air exchange, which keeps the wall dry. Condensation is prevented, thereby eliminating the conditions for mold growth and "sick-building syndrome". This breathing ability also allows the concrete fill to cure faster and more completely as the hydration moisture can evaporate through the whole wall system and not just thru the top as in the foam systems.

Non-Toxic Wall System

FASWALL is the building system of choice for chemically sensitive people. *FASWALL* does not out-gas, and even if water infiltration should occur (from roof leaks, windows, etc.), there will be no mildew or fungus buildup. *FASWALL* dries out quickly. Plain, cement-based stucco and plaster can be applied directly to the *FASWALL* surface, and natural pigments can be added for colors. All chemical additives, drywall, wraps, and extra insulation can be avoided.

All Eco-\$mart Products are Approved by the Nonprofit Florida House Institute for Sustainable Development (www.i4sd.org)

FASWALL CONSTRUCTION PICTURES

First Course of FASWALL Forms



Only Corners Need Bracing Before Pour



FASWALL Pour – Full Height



Lintel Made with FASWALL



Completed Wall Photos:

