Innovative Affordable Housing Building Methods

sponsored by Florida Housing Finance Corporation’s Catalyst Program
www.flhousing.org
All Participants
Call In with Telephones

FIRST: Click Telephone
- Dial Number
- Enter Access Code
- Provide Audio Pin
The Coalition is Florida’s affordable housing training and technical assistance provider.

www.flighthousing.org
Library of Catalyst Trainings

‘Past Catalyst Trainings’
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In collaboration with:

for
Innovative Affordable Housing Building Methods Webinar
Eco Building Armor Systems™

Powered by: Innova Eco Building System

Magnesium Oxide (MGO)
Structural Insulated Panel (SIP)

PROVEN, STATE OF THE ART
BEST IN CLASS
CUTTING EDGE

Tested and Approved by America’s toughest Building Codes

NOA # 14-1202.06

MADE IN THE USA
As an entrepreneur and award winning builder & developer, we are always looking to improve. Following years of research, we identified a product we believe in that could do the following:

- Less costly compared to humanitarian standards and similar quality products.
- Builds stronger buildings.
- Provides a better quality building.
- Earthquake Resistant*
- Hurricane Resistant*
- Mold Resistant*.
- Ability to build new or renovation construction projects faster.
- Significantly reduces operating costs of a property including insurance.
- Eco friendly, which enables customers to possibly qualify for grants/other benefits by using this green certified product line.
- Potential Grants up to $5,000 for end users.

* See specs and details at www.InnovaEcoBuildingSystem.com
BACKGROUND (continued)

The opportunity to use a ground breaking product line enables us to do what we do well, even better. Hence, we concluded this was more like an “Eco Building Armor” for properties than anything else we have seen on the market and the name stuck with us. We believe Eco Building Armor will be as significant a shift in the construction industry as the transition from plastered walls and ceilings to drywall! We want to share this important find with you, it’s a win win situation!

Click link to View impact, seismic and fire resistance tests

GOING GREEN PAYS OFF

Green building minimizes consumption and effluence

12% Water use
30% Greenhouse gas emissions
65% Waste output
70% Electricity consumption

Source: www.usgbc.org

https://youtu.be/IARXAipF2sM
Individual & Community Empowerment

Provide Education and Job Creation with Eco Building Armor Systems
Installer & GC Certification

Innova Eco Building System

The manufacturer, Innova Eco Building system, in collaboration with Eco Building Armor Systems provides on site training and 3 day training certification for installers.

Minimum requirements:
• Honest
• Reliable
• Willing to learn and make a difference
• Take pride in your work
• Substance abuse free

OPPORTUNITY

➢ Bring jobs to the community you build in.
➢ Low skill level requirement due to the simplicity of the installation process.
➢ Big demand for installers.
➢ GC contracts available for GC Certified, Eco Building Armor Panel Installation and General Contractor.
The Demonstration Project

Building the “Modernista”
Pompano Beach 2016

Modernista: from $125 PSF (under roof) completed move in ready on your lot  Other models available stating at $75 PSF

4620 NE 18th Avenue
Pompano Beach

1,398SF under air
2 Car Garage 465 SF
1,878 square feet under roof
3 Bedrooms
2 full bathrooms
Multi Generational ready
High ceilings: 12’ and 10’

Green Construction:
- Hurricane resistant
- Impact windows
- Water resistant
- Fire resistant
- Mold resistant
- Bug resistant
- R38 wall insulation
- R50 roof insulation
The Demonstration Project

Completion of slab day 1

Construction of a regular slab

Panels are delivered in the right order and numbered ready for assembly
Free delivery within 60-miles of Miami

Material Delivery Day 1

Squaring up the house and installing the floor plate

4 to 5 person crew
1 skilled 3 to 4 unskilled
Anchors ties from the slab to the roof

Corner post 1

Wall 1 Panel 1 sits on base plate up against the post 1
Panel 1 sits on base plate up against the post 1

Wall 2 Panel 1 sits on base plate up against the post 1 creating corner 1

Each panel is identified and certified Miami Dade Approved

Corner 1 is plum and square
First corner
Everything is screwed and glued together to make it hurricane resistant

All panels are numbered and installers follow the sequence until completion.
All walls are completed in 2 weeks
And electrical install has started
Like a giant Lego set
All roof panels are numbered as well

R 50 Roof panel installation

Roof install 5 days
After shell is installed 2 days to install windows
The balance of work is standard construction.
Any Architectural Style!
We will convert your CAD plan to a SIP Cad Plan

Panel Building Shell Kits vary between:
• $36psf to $65+ psf of building
Install costs vary depend on complexity of model between:
• $10 psf to +/-$20psf
3 weeks Kit delivery from completed order
Any Architectural Style!
We will convert your CAD plan to a SIP Cad Plan

Contemporary Style

Key west Style

Also Available for Micro Apartments & Homes
Residential Accessories and Additions

- In-law suite additions
- In-law suite additions with one or two car garage.
COMMERCIAL APPLICATIONS:
APARTMENT BUILDINGS

- Products are more durable, economical and faster to build.
- Substantial operating cost savings which translate in better cash flow and additional value for your property.
- Free Standing Apartment Building kits for corporations, non profits, charitable organizations.
- Training and certification for your favorite builders and developers.
- Full turnkey installation including coordination of designer services with your design team.
COMMERCIAL APPLICATIONS
OFFICE

• Free Standing office kits for corporations and corporate HQ’s.
• Multi tenant or single tenant design.
• Training and certification for your favorite builders and developers.
• Full turnkey installation including coordination of designer services with your design team.
COMMERCIAL APPLICATIONS: INDUSTRIAL

- Industrial and flex kits for corporations
- Training and certification for your favorite builders developers.
- Full turnkey installation including coordination of designer services with your design team.
- Lower operating costs, stronger, more durable than traditional construction and much faster to complete.
Capital Group
Support Services
Powered by
Innova Eco Building System

What can Capital Group Developments and its Eco Building Armor Panels do for you?

The combination of knowledge and a state of the art product line enable us to offer you more than a standard or precut panel system.

We can provide full turnkey support and training for Builders & Developers and customized assistance and services for Property Owners, let us know which would better serve you?
SIPs can save 55% of construction framing costs. Click on the link below for full details:


U.S. DEPARTMENT OF ENERGY

http://energy.gov/sites/prod/files/2014/10/f18/DOE_ZEH_Amerisps_09-20-14_0.pdf

DSIRE®

Database of State Incentives for Renewables & Efficiency®

http://www.dsireusa.org/
SEE FOR YOURSELF!

http://content.usatoday.com/communities/greenhouse/post/2010/02/green-homes-sell-for-more-and-faster-than-rest-of-the-market/1#.VW5hWbOh3IX


http://www.epa.gov/statelocalclimate/documents/pdf/12_8_what_is_green_GGGC.pdf
For more information on Opportunities

Eco Building Armor Systems™
Pioneered by: Innova Eco Building System

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Visit our web sites:
www.EcoBuildingArmor.com
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Questions?
Comments?
Ideas?
Thank you for participating!

• Please complete the evaluation that will be emailed at the end of the webinar.

Florida Housing Coalition
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1 800-677-4548