

# Building High-Performance Homes

**Protect** your life and your investment.



## Your Green Home Benefits

- ✓ **Hurricane & Tornado Resistant | Up to 200MPH**
- ✓ **Fire Retardant & Sound Suppression**
- ✓ **Savings: Highly Energy Efficient Homes | EPA Energy Star**
- ✓ **Healthy Indoor Environment | Certified EPA Indoor airPlus**
- ✓ **Aging in Your Own Home**
- ✓ **Custom Homes | Create Your Own Floor Plan**
- ✓ **Commercial Builder License**



# HURRICANE RESISTANT HOMES WITH ICF WALLS SURVIVE THE STORM

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In the last few years, our state has been threatened and impacted by severe hurricanes: Matthew, Irma, Maria, Michael, Dorian and others.

The latest deadly tornado outbreak hitting six states has many people wondering if there is any way of construction that can protect them from the tragic impact of sudden natural events.

Since 2007, we at Florida Green Building Construction, a successor of Florida Green Construction, Inc., have built safe homes with ICF walls to bring our customers security and peace of mind.

The Sand Palace shown below in Mexico Beach. This was one of the only structures surviving the Category 4 winds of Hurricane Michael.

## **THIS ICF HOME SURVIVED HURRICANE MICHAEL**



The Sand Palace in Mexico Beach, Florida on October 10, 2018.

The walls of this home are made of Insulated Concrete Forms - ICF. It's one of the strongest wall assemblies exceeding resilience, durability and requirements of FEMA.

**THIS IS HOW WE CAN BUILD YOUR ICF HOME!**

# WHAT ARE INSULATED CONCRETE FORMS - ICF?

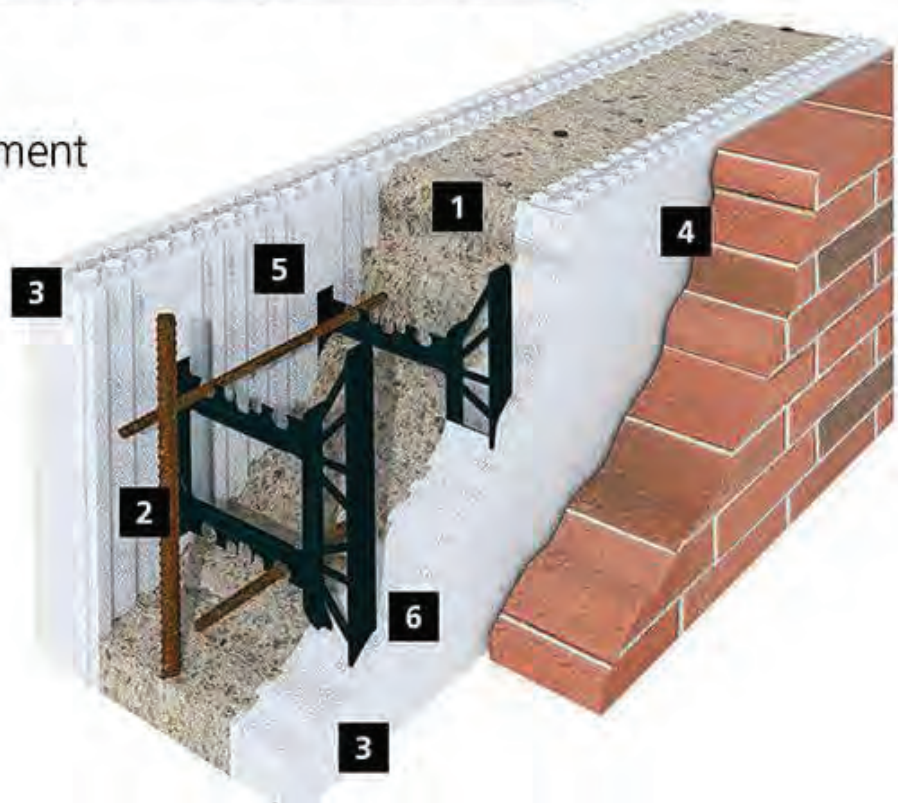
## STRUCTURAL INTEGRITY, ENERGY EFFICIENCY

Insulated Concrete Forms (ICF), steel rebar reinforced 4" or 6" poured concrete walls with 2 1/2" expanded polystyrene insulation on both sides with effective R-29 insulation value which results in up to 70% energy savings.

**ICF walls withstand hurricane, tornado winds and flying debris up to 200 mph. Fire retardant up to 4 hours. Sound suppressant, mold, and termite resistant.**

**6 construction steps in 1 simple package.**

1. concrete
2. steel reinforcement
3. insulation
4. air barrier
5. vapor barrier
6. furring strips



**SUBSTANTIALLY LOWER INSURANCE PREMIUM**

# SAVE YOUR LIFE, SAVE YOUR HOME AND INVESTMENT! BUILD WITH US HURRICANE RESISTANT HOMES.

In the pictures below you can see a whole area that was swept away by a 20 ft. storm surge during hurricane Katrina.



© Will Bramlett Aerial  
10/15/05 Back Bay1 - 5748

**ICF-Walls Withstand the Storm**

THE BEST FORM FOR ANY FUNCTION



**.... Built with ICF-Walls**

THE BEST FORM FOR ANY FUNCTION

The picture, below, shows three ICF homes in San Diego that is still standing after a wildfire swept through the area. ICF homes have up to a 4-hour fire rating.



**HOMES WITH ICF WALLS – A VALUABLE UPGRADE**

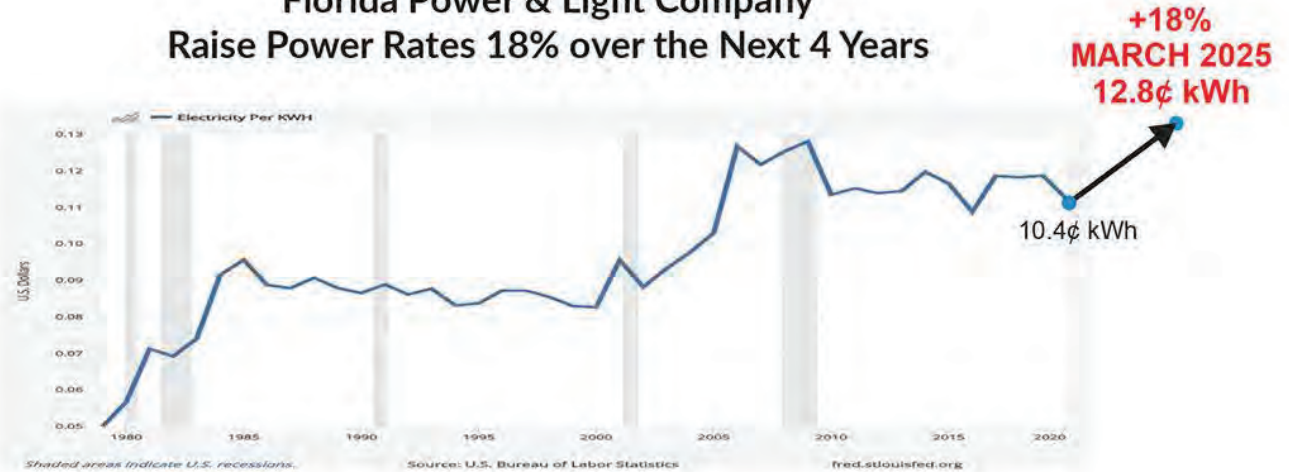
[www.FloridaGreenConstruction.com](http://www.FloridaGreenConstruction.com)

**386-585-5976**

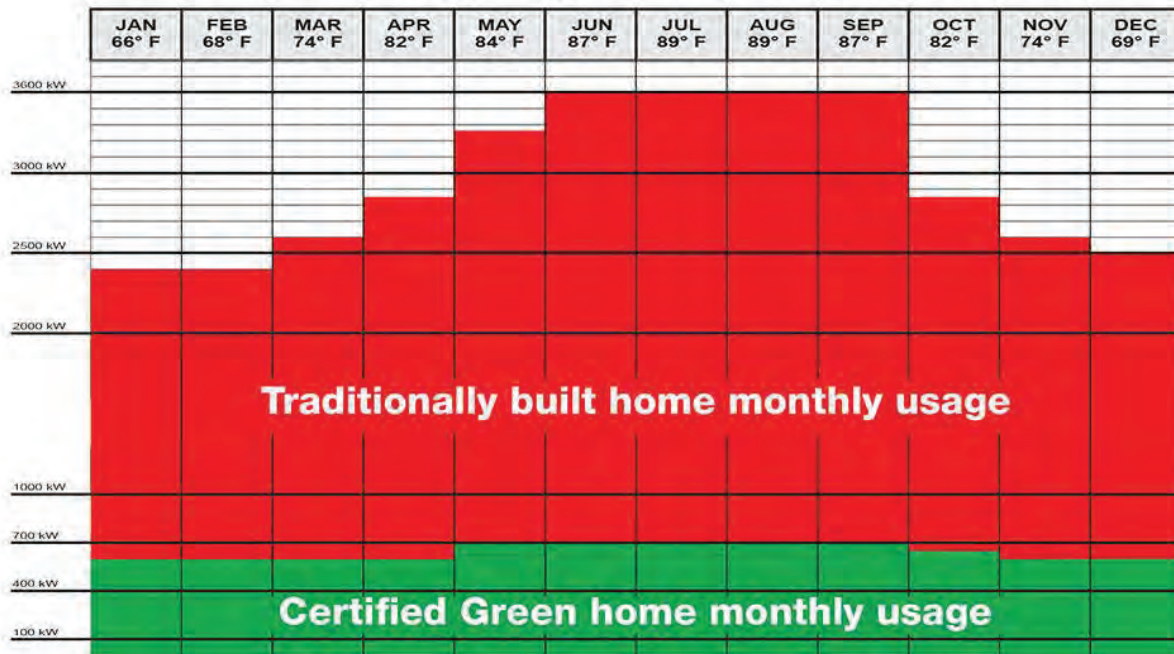
# UP TO 70% SAVINGS ON YOUR UTILITY BILLS

Save tens of thousands of dollars  
over lifetime of the Certified Green home

## Florida Power & Light Company Raise Power Rates 18% over the Next 4 Years



## Energy usage for 2,000 sf house



Certified Green home

**\$90**

**\$110**

Energy bill  
vs.

August 2021

August 2025

Traditionally build

**\$380**

**\$450**

# IMPROVED INDOOR AIR QUALITY

## FREE UP TO 99% OF BACTERIA, MOLD AND VIRUSES

Florida Green Building Construction, Inc., the only one builder in Palm Coast, FL, builds healthy to live in Certified Green homes. Our homes are virtually allergens, pollen, mold, bacteria, and viruses FREE.

**Insulation, ventilation, Air Conditioning system, with integrated the Whole Home In-Duct Air Purifier kills up to 99% of bacteria, mold, and viruses, making the air and the environment in our Green Home safer and healthier for you and your family.**

All our homes are built with improved IAQ standards and certified by EPA as a healthy to live in. Each customer receives this certificate with theirs home.

Indoor  
airPLUS  
**Qualified Home**

This home built at  
83 Emerald Lake Drive  
Palm Coast, FL 32137  
was verified by  
15 Lightyears Inc

to meet Indoor airPLUS construction  
specifications as established  
by the  
U.S. Environmental Protection Agency.



Indoor airPLUS qualified homes are  
designed to contribute to improved  
indoor air quality.

2019-06-14



### Indoor airPLUS Features

- Moisture and Mold Control
- Radon Resistant Construction
- Pest Barriers
- Effective Heating, Ventilating, and Air-Conditioning Systems
- Safe Combustion
- Healthier Building Materials

Not all features are required in all cases. To learn more about indoor air quality features in your home, ask your builder to review the Indoor airPLUS verification checklist with you, or visit [www.epa.gov/indoorairplus](http://www.epa.gov/indoorairplus).

# TECHNOLOGIES PROVIDING A HEALTHY LIVING ENVIRONMENT IN OUR CERTIFIED GREEN HOMES:

## Certified Green spray foam roof insulation



Certified Green spray foam roof insulation completely isolates the attic from the penetration of air pollutants from the outside. Creates energy efficient thermal insulation and additional roof strength, rated wind mitigated.

## Integrated whole home in-duct air purifier



Reme Halo, working on advanced technologies, kills up to 99% of viruses, allergens, bacteria, molds, and other air pollutants. The zinc ions are infused by the device to clean the surfaces from viruses and bacteria. Photohydroionization Advanced Oxidation, which is an active system, is very effective on gases, vapors, VOCs and odors within the occupied space.

## Green Air Conditioning system



The A/C system provides a constant supply of fresh air from the outside into the air handler unit. The uniform distribution of clean air throughout the house provides additional comfort, and a healthy indoor environment.

## Our homes are virtually FREE from them:



# FLORIDA GREEN BUILDING CONSTRUCTION AWARDS:

Florida Green Building Construction Inc. Receives **2025 Best of Business Rate Award** in Construction



Neftali DeJesus, President of FGBC, Inc., Receives **2025 HBA of Flagler Builder of the Year Award**.



Florida Green Building Construction Inc. Receives **2024 Best of Palm Coast Award** in Construction



Florida Green Building Construction Inc. Receives **2023 Best of Palm Coast Award** in Construction.



# Build Your Backyard Fortress

Hurricane, tornado, fire can destroy your home, but not this ICF Backyard Fortress.

Steel reinforced 6" concrete walls.

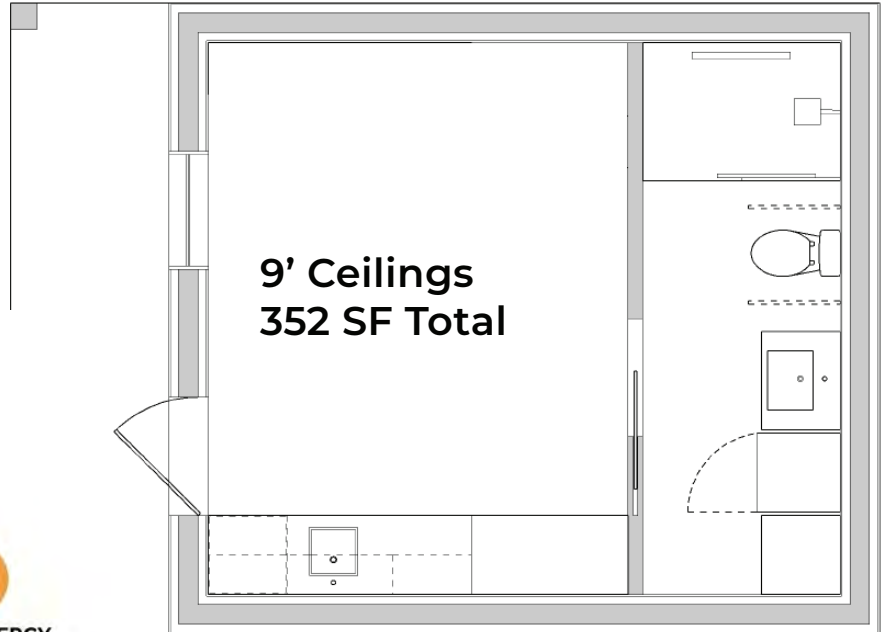


# Build Your Backyard Fortress

Stay safe in your ICF retreat with comfort and peace of mind during a natural disaster.

## KEY FEATURES

- Aging-in-Place & Wheelchair Accessible
- Full Bathroom & Zero Entry Shower
- Kitchenette



## SPECIFICATIONS

- 200+ MPH Hurricane Proof
- 3000 PSI Steel-Reinforced 6" Thick Concrete Walls with
- 2.5" Dual-Sided High-Density Polystyrene Insulation
- Metal Roof
- Insulated Wind Mitigated Roof
- Impact Resistant Window
- Climate-Controlled A/C
- Insulated Fire Resistant Door

## AVAILABLE OPTIONS

- Microwave Vented Outside
- Refrigerator
- Washer/Dryer
- Battery Backup
- Fresh Water Backup Tank

Attached Backyard Fortress Available.

