

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 | Built to FGBC Highest Standards**
- ✓ **Commercial Builder License**



HURRICANE RESISTANT HOMES WITH ICF WALLS SURVIVE THE STORM

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!

www.FloridaGreenConstruction.com

386-585-5976

WHAT ARE INSULATED CONCRETE FORMS - ICF?

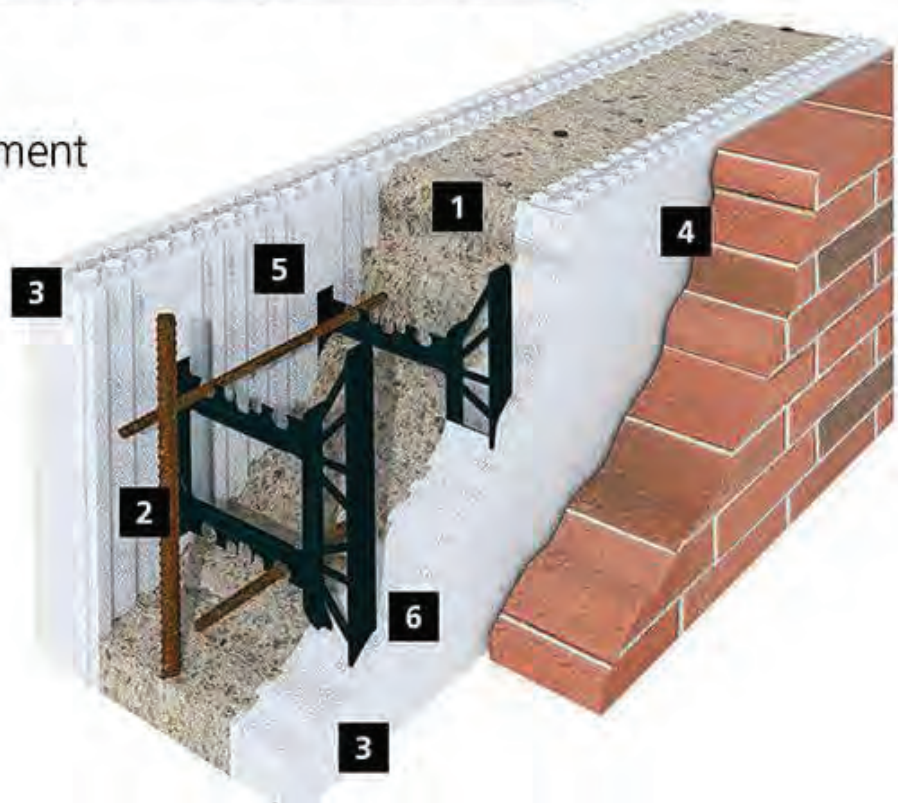
STRUCTURAL INTEGRITY, ENERGY EFFICIENCY

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

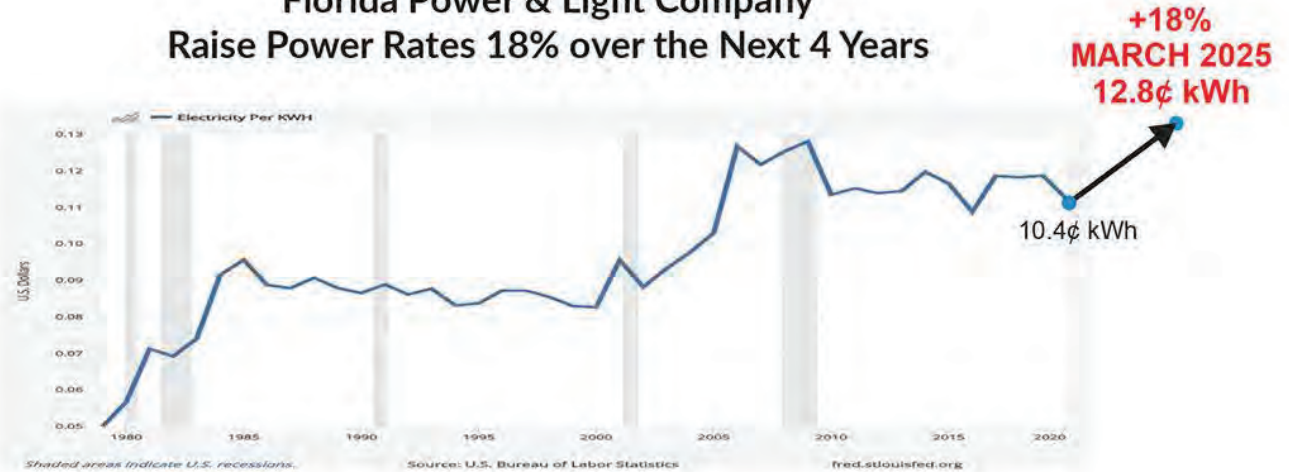
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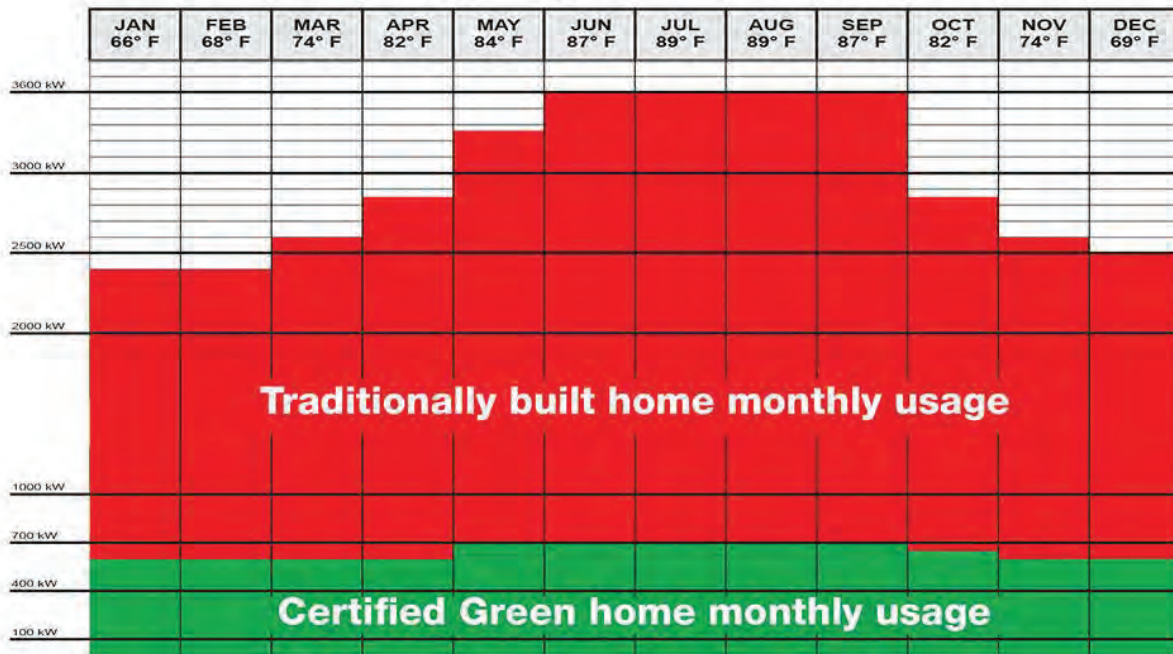
UP TO 70% SAVINGS ON YOUR UTILITY BILLS

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.

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.

