

A FLORIDA CERTIFIED MASTER BUILDER

Lic.#: CBC1260957

**BUILDING HIGH PERFORMANCE HOMES BY OUR COMPANY  
PROTECT YOUR LIFE AND YOUR INVESTMENT**



## HURRICANE RESISTANT HOMES

- Super insulated, steel-reinforced poured concrete ICF walls withstand hurricane, and tornado winds up to 200 MPH.
- Strong wind-mitigated insulated roof
- Impact resistant unbroken windows

## HIGHLY ENERGY-EFFICIENT HOMES

- Up to 70% savings in monthly utility bills

## HEALTHY INDOOR ENVIRONMENT HOMES

- Free up to 99% of bacteria, viruses, allergens

## CUSTOMIZE OUR PLANS OR BRING YOURS



50 Leanni Way, Unit C1, Palm Coast, FL 32137

THE QUALITY OF OUR HOMES ARE CERTIFIED BY THESE INDEPENDENT AGENCIES



# HURRICANE RESISTANT HOMES WITH ICF WALLS SURVIVE THE STORM

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

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 Construction 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. They are super-insulated from both sides, steel-reinforced, solid concrete walls. ICF walls withstand hurricane and tornado force winds of up to 200 MPH and are fire-resistant up to 4 hours!

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



# WHAT ARE INSULATED CONCRETE FORMS - ICF?

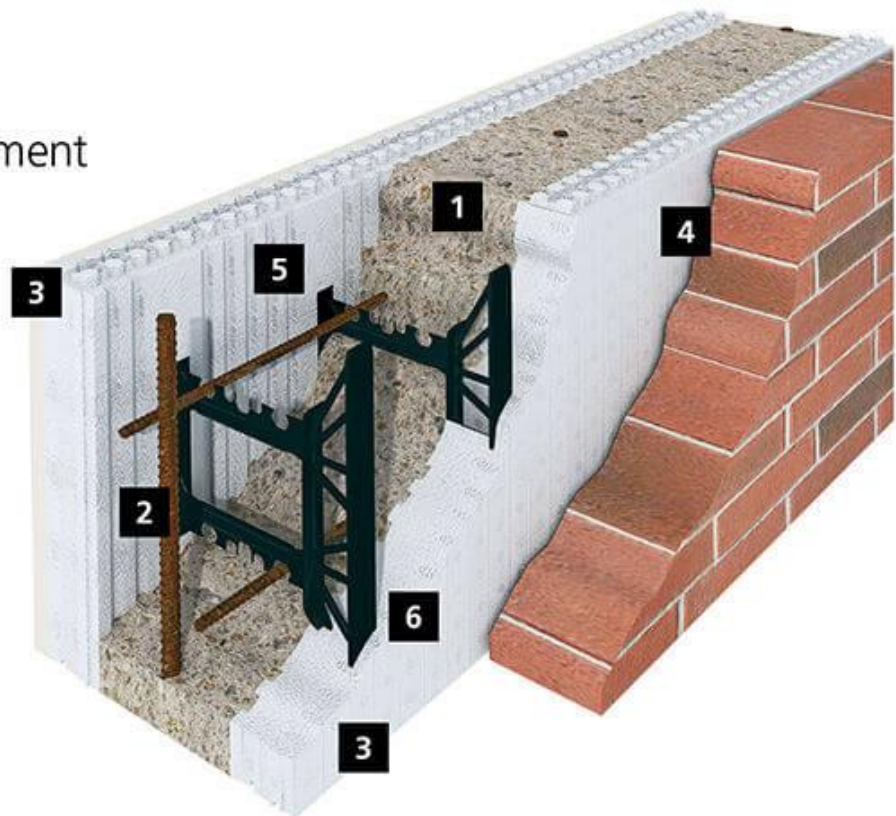
## STRUCTURAL INTEGRITY, ENERGY EFFICIENCY

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.



**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**



# IMPACT-RESISTANT GLASS

## STRONG WIND-MITIGATED ROOF

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### IMPACT-RESISTANT UNBROKEN GLASS

- One fractured window can be the difference between an intact home and a bare concrete slab. When wind finds its way through the seams of domicile, it can cause a shift in pressure strong enough to rip off a roof.
- Each window in the home has three parts: an exterior pane, a small spacer, and a laminated interior pane.
- The exterior sheet may shatter but the interior laminated sheet is stronger. It's forged from two panes fused around a synthetic resin called polyvinyl butyral.

### ENGINEERED ROOF TRUSS SYSTEM

- Withstands up to 140 mph wind with.
- Hurricane straps are set in concrete walls.

### SPRAY FOAM INSULATION

- Applied to the underside of the roof decking.
- No ridge vents or vented soffit. This minimizes the areas where the air or fire can enter the attic space of your home.
- Spray foam will resist roof uplift during high wind events.



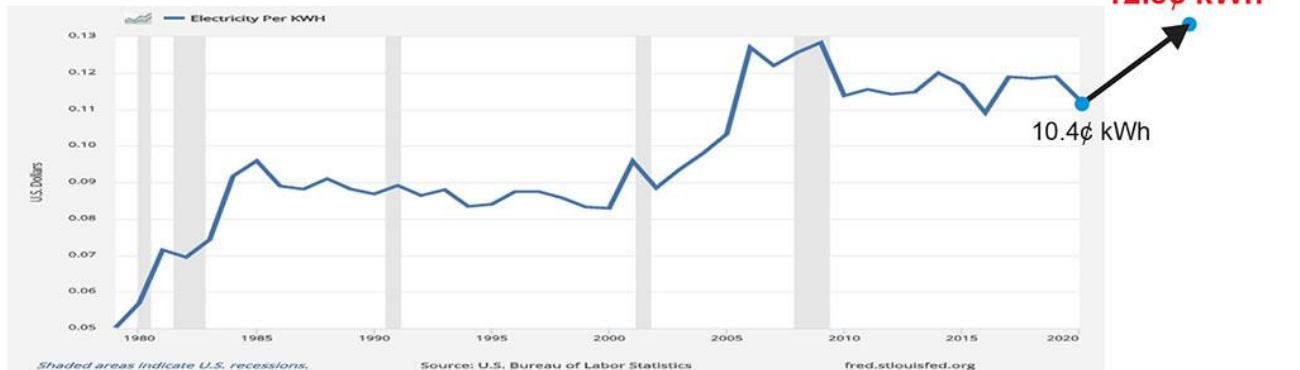
### 55 MIL. PEEL & SEAL UNDERLAYMENT

- Applied on the entire roof under the shingles for double protection from leaks.
- Protects the roof structure from water seepage caused by rains.
- Seals around roofing nails, staples, and screws.
- Resists cracking, drying, and rotting, providing long-term waterproofing performance.

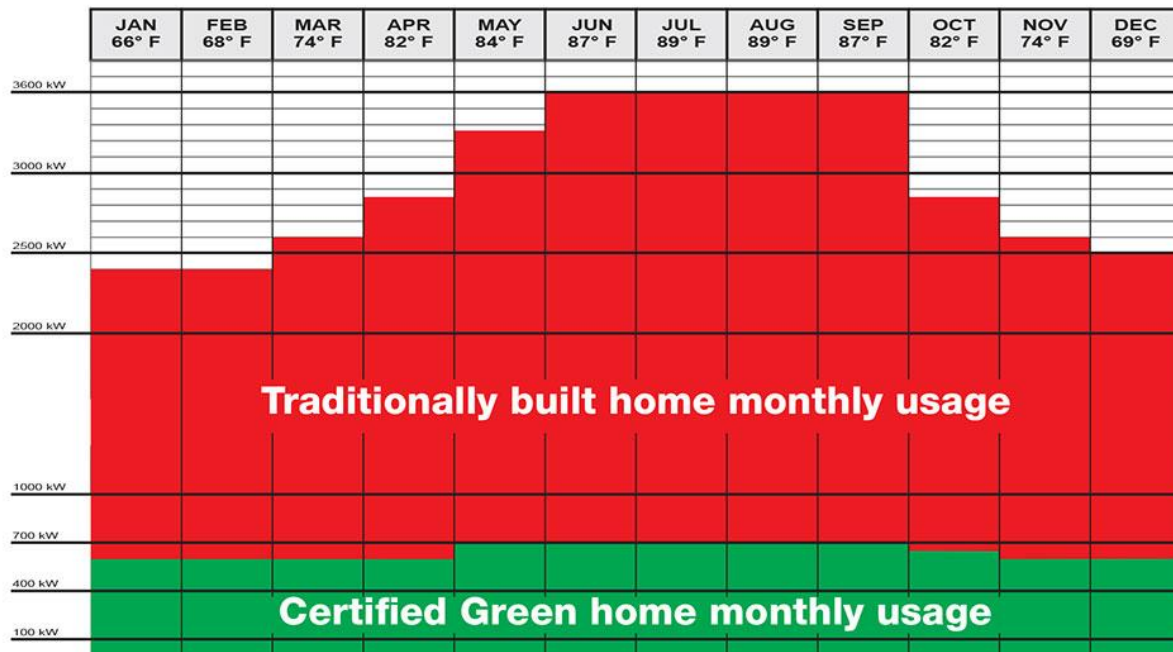
# UP TO 70% SAVINGS ON YOUR UTILITY BILLS

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 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:





# INDEPENDENT AGENCIES CERTIFIED QUALITY OF OUR HOMES AND HOMEOWNERS BENEFITS

<p>Florida Green Building Coalition inspects all stages of construction and certifies all our Homes as Green, giving the homes the highest level of either, Gold or Platinum!</p>	 Green Certificate from Florida Green Building Coalition
<p>ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices.</p>	 Energy Star® Certified Home
<p>Indoor airPLUS Features</p> <ul style="list-style-type: none"> <li>- Virtually Allergen and Dust Free</li> <li>- Moisture and Mold Control - Pest Barriers</li> <li>- Radon Resistant Construction - Low Emission Building Materials - Effective Heating, Ventilating, and Air-Conditioning Systems.</li> </ul>	 Indoor airPLUS Qualified Home is designed to contribute to improved indoor air quality.
<p>Florida Power &amp; Light certifies all our homes as BuildSmart. Up to 70% Energy savings. R-29 ICF walls insulation value, spray foam roof insulation, Energy Star® appliances and fixtures.</p>	 FPL BuildSmart Certified Home
<p>Zero Energy Ready Homes are designed and wired so that solar panels and Tesla products can be easily installed in the future, making them even more affordable today, and allowing them to become zero energy homes when you are ready.</p>	 <b>ZERO</b> ENERGY READY HOME
<p>University of Florida in Gainesville certifiesthat our landscaping is Florida Friendly.Our landscaping helps reduce water usageand limit the use of chemicals.</p>	 Florida Yards & Neighborhoods Landscaping with Irrigation Certified by University of Florida

# FLORIDA GREEN CONSTRUCTION A FLORIDA CERTIFIED MASTER BUILDER

## FLORIDA CERTIFIED MASTER BUILDER, INC.

This Certifies That

# GENE W. SLONE

Has successfully met the qualification requirements for excellence in the construction industry and is hereby certified as a Master Builder.

Issued: 12/12/2019

Expires: 12/12/2021



Rusty Payton, Chief Executive Officer



*Elite builders dedicated to excellence in building and client satisfaction.*

## Tim Smith “15 lightyears” | Chief Operating Officer

### Florida Green Building Coalition Approved Certifying Agent.

We provide the Energy Rating and Green Certifications for all their homes. Gene, Jeff, and the entire rest of the team there really strive to build an exceptional product, from lot, to foundation, to roof. There are not many builders that maintain such a high level of specifications when concerning energy efficiency, water efficiency, indoor air quality, and durability.

**As a matter of fact, all their homes are built with the specifications to achieve the Platinum Level Certification. This is an amazing feat!!”**