

nudura.com



professional



# Innovation makes the Difference



Nudura Insulated Concrete Forms (ICFs) are stay-in-place forms that offer you a variety of superior benefits when building residential or commercial buildings. Nudura ICFs consist of two panels of Expanded Polystyrene (EPS) foam that are 2 5/8" (67mm) in thickness and connected together with our patented web system that is made of 100% recycled material. Nudura ICFs are stacked, then steel reinforced and filled with concrete, which completes the building envelope of your structure in one building step. Nudura ICFs are available in a variety of shapes and sizes to accommodate all types of building requirements and designs.



The Nudura Integrated Series combines building envelope products that work in conjunction with the Nudura line of ICFs to provide maximum energy efficiency.

Nudura offers HOMOGENEOUS® a quick and economical high-performance insulation solution for insulating ceilings or for retrofit applications. Recent changes to building codes throughout North America over the past two years are now demanding increases in building envelope insulation values, as well as improvements in overall building air tightness.

HYDROFOAM® maximizes radiant floor heating by ensuring the heat is dispersed evenly throughout the entire floor area, providing building occupants with a comfortable living and working environment. If radiant heat isn't part of your construction plans, insulating the floor of your project still has a variety of benefits to the structures overall efficiency and comfort. THERMOFOAM® provides three types of options for under slab insulation.



The Plus Series product line introduces an innovative way to create the R-Value you and your clients desire. The Series of Forms and the R-Value insert offers the ability to optimize R-Value with thermal mass to provide significant energy savings for building owners. The XR35, the newest addition to the Plus Series, has been created with a higher R-Value due to its 4" (102mm) EPS panels.



The One Series from Nudura provides exceptional versatility for commercial and residential projects. If you are looking for a modern design for your clients home and an exposed concrete wall is part of your plans, no problem with the One Series ICFs. Commercial buildings requiring non-combustible materials in hallways and stairwells are easily accomplished. The One Series is ideal for elevator shafts, stairwells and other areas that require non-combustible material.

The One Series unique design allows insulation to be on the outside wall while providing a fully exposed concrete wall on the inside, allowing your team to meet the needs of their next project.

# Go **BEYOND** your clients expectations

## AT NUDURA

We understand insulation is an essential component of every building project. Nudura is a leading manufacturer in energy efficient products and offers an extensive range of insulation products to meet your design requirements – the benefits are endless and so are the advantages.

## OUR GOAL

Our goal is to deliver more for your clients and to provide you with products that can do just that. Structures designed and built with Nudura offer:



Reduced monthly heating and cooling expenses  
– Reducing energy consumption by up to 58%\*



Withstand winds of up to 250mph (400kph)



Contribute to sustainability objectives



Greater occupant comfort



Continuous insulation, reducing energy loss



Reduced construction schedules

\*As proven by third party testing conducted by CLEB Laboratories and the Insulating Concrete Forms Manufacturers Association (ICFMA)

1

**Nudura Standard Form**

Nudura Standard Forms - 8' (96") in length, the largest standard block in the industry is part of the Nudura ICF Series and consists of two stay in place panels of Expanded Polystyrene (EPS) connected with our patented innovative hinged folding web.



2

**Nudura 90° Form**

The 90° form is fully reversible so you do not have to plan right and left corners ahead of time. Nudura also offers a 45° form, a radius, a taper top and all of the accessories needed to ensure the envelope of any structure can be built with Nudura ICFs.



3

**Nudura Optimizer**

With the Optimizer form, it is easy to optimize the height of any wall. Designed to be used as a height adjuster at the top of the wall, the Optimizer allows the installer the ability to hit 17 different stack heights front 4' (1200mm) to 12' (3600mm).



4

**Nudura One Series**

The One Series is ideal for elevator shafts, stairwells and other areas that require non-combustible material.





# THE ANATOMY OF

## Still specifying **traditional building** methods in your commercial designs?

When you and your team discuss products that are right for your next project, it is important to consider the value. We understand that value and can offer a team the help to get you through the decision process. Building with Nudura has advantages over traditional construction.



Lower 1st cost



Structural design flexibility



Faster build time, quicker ROI



Competitive ICF installer market



Reduced weather-related delays



Simplified wall assembly,  
mitigates failure risk



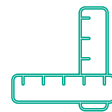
Reduction in subs & reduced scheduling



Building code compliant throughout  
North America.



Lower cost of ownership



Resilient/robust wall assembly (ICC 500,  
FEMA & DoD Hardened Structure)



LEED & Sustainability, direct contribution



### Richardsville Elementary

A 77,285 sq. ft. school located in Bowling Green, Kentucky sets the standards for being the first of its kind in the United States to utilize Nudura ICFs to achieve Net-Zero! Richardsville Elementary has a high-performance building envelope in conjunction with solar panels on the roof, allowing them to harvest enough energy to offset the total energy consumed by the school, sending 300kw of power back to the grid.

# BETTER BUILDING

## High Performance building solutions that fit your business.

At Nudura, we understand the needs and demands that face Builders, Architects and Developers. Our products provide solutions to match the needs of the professionals who install, design and develop projects from residential to commercial. Our Insulated Concrete Form and insulation systems combine design flexibility, efficiency and performance to create the ultimate building envelope solution.

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### Energy-efficient home insulation

Confidently meet today's building code requirements while delivering an energy-efficient home with a full line of Nudura insulation products. Make your homes stand out with a quality home insulation solution that performs consistently throughout the seasons without compromising on comfort, performance and efficiency for your clients. Plus, still fit into your construction budget!

Build an energy-efficient home with home insulation that works. Nudura offers a full range of Insulated Concrete Form products from our ICF Series which are manufactured with the installer in mind. Industry leading Innovations get the walls up faster and easier. Our Integrated Series completes the building envelope, giving you the ability to completely insulate your homes from top to bottom.

Most traditional insulation types can deliver only on R-Value. Nudura takes R-Value to the next level. The ICFMA (Insulated Concrete Form Manufacturers Association) conducted testing with CLEB Laboratories to show that ICF walls can provide up to \*58% better energy savings. How do they do that? The thermal mass of the concrete combined with EPS Insulation makes buildings perform better compared to traditional products. Learn more about the CLEB report at [Nudura.com/icf-performance](http://Nudura.com/icf-performance)

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### Architects

Bringing sustainable design and Insulated Concrete Forms together. From foundations to whole structures, Nudura has a complete library of solutions for your building design needs.

*Check us out!*

### We're Social!

Visit us on all our platforms to find out more information!



1

### HOMEWA® System

The HOMEWA System integrates with the Nudura ICF Series helping reduce air infiltration and further reducing thermal bridging. The result, increased energy efficiency.



2

### Nudura ICF Series

The Nudura ICF Series, can be used for basements or to construct a home to the roof with steel reinforced concrete. A home built with Nudura provides maximum energy efficiency, superior strength, and a structure that offers lower overall maintenance costs over its lifetime.



3

### Exterior Finishes

With Nudura a new home can look exactly how you envision it, accepting a variety of finishes from, brick, wood siding, stucco, stone and everything in-between.



4

### HYDROFOAM® - THERMOFOAM®

The Nudura Integrated Series provides two options for underslab insulation. THERMOFOAM increases a home's comfort and energy efficiency through the reduction of heat loss through the floor. HYDROFOAM maximizes radiant floor heating by ensuring the heat is dispersed evenly throughout the entire floor area. Each are easily cut to meet any angle or radius while providing up to R-16 (RSI 2.82, U-value 0.35) insulation value.





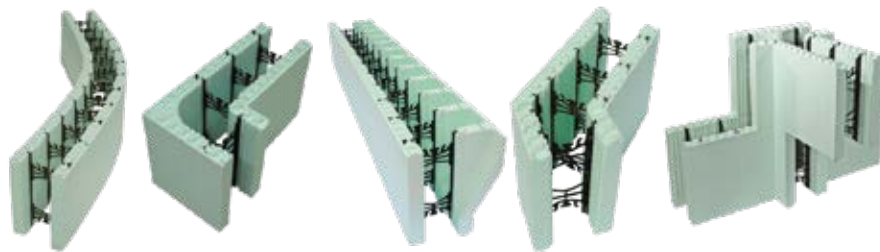
# Lets discuss your next project!

## Next Step

Nudura has a team of commercial and residential experts that can help you to get started with insulated concrete forms. Looking to become an Installer, Nudura distributors provide training classes, extensive technical support and service, installation recommendations to maximize efficiency and cost savings, and provide current code compliance advice for local, regional, and national building codes. Call 866-468-6299 to speak to a member of our commercial team or locate a distributor in your area.

## Online Tools & Resources

Nudura makes the design process as easy and efficient as possible. Our website provides valuable design tools and resources, and our network of Authorized Nudura Distributors can provide industry leading technical support.



[nudura.com](http://nudura.com) | 866-468-6299

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