

[nudura.com](https://nudura.com)



residential



# Improved Home Comfort Comes Standard!



## Energy Savings

When you choose to invest in Nudura Insulated Concrete Forms (ICFs), you can say goodbye to high heating and cooling costs in your home. Nudura can help improve the energy efficiency of your home by up to 58%\* compared to traditional construction. How does it work? The solid mass of the Nudura wall has some unique qualities. The monolithic concrete is layered between two continuous panels of 2 5/8" (67mm) thick EPS foam, which isolates the concrete and reduces the ability for outside temperatures to flow through the wall, keeping internal temperatures steady and the need for mechanical equipment to come on less. Learn more about how Thermal Mass works – [nudura.com/thermalmass](http://nudura.com/thermalmass)



## Safety

The strength of Nudura comes from the solid concrete core. Nudura walls are built with steel reinforced concrete and a non-toxic fire-retardant Expanded Polystyrene foam (EPS), providing a fire protection rating of up to 4 hours - 4 times that of a typical wood frame home. Nudura structures can withstand winds up to 250mph (402kph) ensuring your family and home are safe and secure in almost any situation, saving homeowners from having to rebuild their homes.



## Sound Dampening

The Nudura ICF Series of products also acts as an effective sound barrier by dampening sound vibrations from unwanted outside noise, such as traffic, trains, and neighbors, providing a minimum STC (Sound Transmission Class) rating of STC 50\*\*.



## Indoor Air Quality

The end result is an airtight structure that enables building mechanical systems to heat, cool and ventilate the structure more efficiently, creating a healthier living or working environment. Nudura ICFs do not emit CFCs or HCFCs thereby improving indoor air quality.

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

\*\*STC 50 rating based on minimum 6" (152mm) Nudura form concrete core thickness or larger, installed with code compliant finishes mounted both sides of wall assembly in accordance with Nudura installation procedures.

# Building value into your home.



Nudura Insulated Concrete Forms (ICFs) are stay-in-place forms that offer you a variety of superior benefits when building your new home. 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 home 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 working in conjunction with Nudura ICFs to provide maximum energy efficiency.

Nudura offers HOME $\Omega$ ® a quick and economical high-performance insulation solution for insulating ceilings in homes. Recent changes to building codes throughout the world 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 basement still has a variety of benefits to your home's 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 desire for your home. The Plus Series of Forms and the R-Value insert offers the ability to optimize R-Value with thermal mass to provide significant energy savings for homeowners. The XR35, the newest addition to the Plus Series, has been created with a higher R-Value due to its 4" (102mm) EPS panels.



If you are looking for a modern design for your home and a exposed concrete wall is part of your plans, no problem with the One Series of ICFs. The One Series unique design allows insulation to be on the outside wall while providing a fully exposed concrete wall on the inside of your home or garage.

# THE ANATOMY OF COMFORT |



## We provide solutions

The Nudura line of insulation products provide solutions for maximizing energy efficiency, providing greater protection from the elements and minimizing noise, while providing a comfortable home for your family. With a full range of products to meet every insulation need, from our Integrated Series for roofs and floors to our Nudura ICF Series for your homes structure, these proven products will provide you with the home you have always dreamed of, with added benefits over traditional construction. Explore the Anatomy of a Nudura Home.

# BUILD SMARTER, BUILD STRONGER



1

## HOMEAGA® System

HOMEAGA is a quick and economical high-performance insulation solution for insulating ceilings in homes. The HOMEAGA System integrates with the Nudura ICF Series helping reduce air infiltration and further reduce thermal bridging. The result, increased energy efficiency and comfort in your home.



2

## Nudura ICF Series

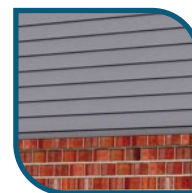
Building a new home is the ideal time to insulate your walls with the Nudura ICF Series. The Nudura ICF Series can be used for basements or to construct your home to the roof with steel reinforced concrete. A home built with Nudura provides maximum energy efficiency, superior strength, healthier indoor living environments and a structure that offers lower overall maintenance costs over its lifetime compared to traditional building applications, all while providing you and your family with the home of your dreams.



3

## Exterior Finishes

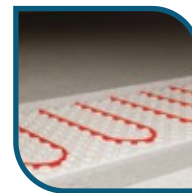
We often get asked what kind of finish can a home owner apply to a Nudura home, our response, what type of finish would you like? With Nudura your new home can look exactly how you envision it accepting a variety of finishes from, brick, wood siding, stucco, stone and everything in-between.



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## HYDROFOAM® - THERMOFOAM®

If you are looking to have radiant heat in your next home or just insulate your floor, 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. Easily cut to meet any angle or radius while providing up to R-16 (RSI 2.82, U-value 0.35) insulation value.



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# Get in touch with a distributor near you!

## Next Step

The next step to building your Nudura home is to find a Trained Nudura Installer (contractor) through a local Authorized Nudura Distributor. Nudura distributors provide 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 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 for you and your architects, contractors, and design professionals. Our network of Authorized Nudura Distributors can also provide industry leading technical support.

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