



SUSTAINABLE DESIGN

ICF - Energy Efficient Construction Materials

EASIER - FASTER - MORE EFFICIENT - SUSTAINABLE

Sustainable Design

With rising energy requirements and rising fuel costs, we need to make the most of the building technologies available to heat and cooling our homes. Homes built with Nudura will provide you with superior energy efficiency, consistency in performance, and lower utility costs over the lifespan of your home versus using traditional building methods like SFS.



Energy efficient

Nudura ICF provides superior insulation, which significantly reduces the energy required to heat and cool your home.



Cost effective

Nudura ICF greatly reduces the cost required to heat and cool your homes, resulting in up to 60% savings in your annual utility costs.*



Eco-friendly

Nudura iCF are made from 100% recycled polypropylene, reducing waste and your homes carbon footprint.

ICF construction available from Nudura provides end-users with an eco-friendly, sustainable development. With the present generations' increasing focus on saving planet earth, several key initiatives are being adopted to reduce our negative impact to the environment.

One of the leading movements today is a focus on sustainable development. The expression might sound complex, but in fact, simply applies to any kind of development that meets today's needs without compromising those of tomorrow. In that spirit, construction with Insulated Concrete Forms - commonly referred to as ICF - follows the principles of sustainability to promote a better quality of life for present and future generations.



ICF constructed buildings are sustainable, qualify for LEED certifications, and allow architects and design engineers to come up with longer-lasting structures that use up less natural resources. In other words, ICF is synonymous with ecological efficiency.

To speak to a member of the Nudura team please
contact 01942 251 400 or visit us online at nudura.co.uk

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Reduction of waste and emissions

Nudura ICF allows for less waste and wastage on any given construction site, but they also make for waste that is 100% recyclable. The blocks require fewer natural resources such as gas, electricity and wood.

ICFs can generate as little as 1% construction waste, and given they are produced without any CFC's, HCFC's, or chemicals - the blocks considerably cut down air pollution or land filling-induced methane emissions.

Safe and resilient structures

ICF's boast the qualities of being very durable and extremely resilient in case of adverse conditions. For example, insulated concrete forms offer protection against fire, earthquakes, severe storms and flooding.

It can also be said that ICF construction contributes to building safer communities through sustainable construction and providing a healthier way of life for years to come.

Achieve Passivhaus Standards

Passivhaus is an international energy performance standard used to promote the design and construction of high-performance green homes using energy-efficient construction materials. A Passivhaus uses less energy, water and natural resources; creates less waste and is healthier and more comfortable for occupants. Benefits of a Passivhaus home includes reduced water and energy bills; reduced greenhouse gas emissions; and less exposure to mould, mildew and other indoor toxins. The net cost of owning a Passivhaus home built with Nudura is comparable to that of owning a conventional home.



Did you know: Nudura is 100% recyclable?

Whilst building with Nudura does require a different approach in design, our team of experts located across the UK, are on hand to help.



**Construction
Products Group**
Europe

Tremco CPG UK Ltd
Coupland Road, Hindley Green
Wigan
WN2 4HT UK

+44 (0) 1942 251400
hello@cpg-europe.com
www.cpg-europe.com