



# BUILDING FOR THE FUTURE

Insulated Concrete Forms by Nudura



Construction  
Products Group  
Europe



Easier – Faster – More Efficient

# Building for the future

Nudura is an industry leader in the manufacturing and installation of solid wall insulated formwork. Having become a preferred building method, Nudura solid wall systems are a proven superior alternative to traditional construction practices.

Our goals are simple, we aim to provide customers with a high-quality solid wall insulated formwork, that will work in reducing energy costs, and contribute to living in a much more sustainable, air quality controlled and comfortable living environment. When specifying and using Nudura on projects you can be assured that you are using the best modern method of construction solution available in the marketplace today.

A brand of CPG UK, we pride ourselves on excellence in customer service, technical support, and service delivery. Working in unison with our sister brands, here at Nudura we can offer an array of construction products for all stages of your projects.





Production innovation

# Fast forward your build

Nudura solid insulated wall system (ICF) offer a variety of superior benefits when building a solid wall system. Our forms consist of two panels of Expanded Polystyrene (EPS) that are connected with our patented web system (which is made of 100% recycled material!). Nudura forms are stacked, steel reinforced and filled with concrete – which completes the building envelope of your dwelling in one building step. Available in a variety of sizes, our forms are designed to accommodate all types of building requirements and designs.



Faster build time



Simplified assembly



Sustainable solution



# Our technology

Nudura ICF forms are high-tech industry-leading insulated concrete forms that have proven technologies to make building easier and faster. The Nudura line of ICFs offer innovation that is exclusive to Nudura, which allows builders the ability to build and design structures with greater efficiency.



## XR35

The XR35 has been created with a higher R-Value due to its 102mm EPS panels. It is available with a 150mm and 203mm core as a standard form and a 90° corner form.

The fastening strips remain 16mm below the surface of the EPS and are located at 203mm in the centre. The fastening strip is marked with a diamond pattern making fastening the interior or exterior finishes quick and easily on-site.

### Benefits

- Newly designed fastening strip
- Patented technology
- Access to full on-site technical support through a dedicated distributor network



## ICF 500

Our latest technology, ICF 500, comprises of the Nudura Solid Insulated Wall System and Dryvit's rendering system. Providing the marketplace with a fully BBA certified solution, our system allows architects, specifiers, developers, and self-builders to complete a Nudura project with an outstanding rendered finish, with complete peace of mind.

### Benefits

- Multiple finishes available
- Fully certified solution
- Single source solution for building structure and external wall rendering finish



A Nudura building envelope provides an affordable eco-friendly building solution that allows you to build faster, more efficiently and offers substantial benefits over traditional construction. Nudura structures are built to last and retain value – the main structural element of a Nudura build is reinforced concrete, which offers building owners sustainably better durability and requires less maintenance and repairs over its lifetime.





Sustainability starts with Nudura

# Energy efficient homes



Reduce energy expenses



Superior indoor air quality



Net zero potential build



Sustainable construction requires a balance between development and environmental benefits and should promote inter-generational fairness i.e. a better quality of life for present and future generations. When building with Nudura Solid Wall Insulated systems, structures will do just that.

Nudura building structures are sustainable green buildings that often qualify for LEED certification and will provide Passivhaus levels of insulation and airtightness. Allowing architects, engineers, and designers to create buildings which are more efficient, sustainable and create less waste during the construction process.



## 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.





Continuous insulation helps  
to reduce energy loss inside

Eco-friendly building

# Superior performance inside & out

Nudura offers superior performance when it comes to thermal bridging, resulting in even temperatures throughout the structure which in turn reduces draughts and cold spots, ensuring occupants are comfortable no matter what temperature it is outside.

The solid mass of a Nudura structure has some unique properties. The monolithic concrete is layered between two continuous pieces of Expanded Polystyrene (EPS), which isolates the concrete and significantly reduces the flow of heat through a wall. With the high storage capacity of a Nudura wall and the low thermal conductivity – structures built with Nudura provide the most useful level of thermal mass. Simply meaning, less energy consumption is required in heating and cooling dwellings, resulting in greater cost savings throughout the life of the building.

Also acting as an effective sound barrier by dampening sound vibrations from unwanted outside noise, Nudura solid insulated wall systems are ideal for both residential and commercial construction projects.



Exterior and interior finishes

# The finishing touches

When designing with Nudura, building finish options are virtually limitless. Nudura forms can have a variety of wall finishes applied to them to match any desired look and style.

Interior finishes are no different to exterior. Plasterboard or trowel-applied plaster materials can be easily attached directly to the Nudura Wall System using our fastening strips that are embedded within the EPS foam at 203mm centres.







The next steps

# Starting your build



The next step in building with Nudura is getting in touch. Our experienced team is comprised of industry professionals focused on their area of expertise, ensuring each enquiry is dealt with the highest level of support and customer service available. Our network of approved Nudura distributors and contractors, are also on hand to support during your project.

Nudura forms are manufactured in house to allow full control over the manufacturing process, ensuring our forms are manufactured to the highest standards.

Nudura distributors provide the information needed to make sure your home is built with proven installation methods and provide necessary information about local building regulations. In various tests Nudura walls have met and exceeded building regulations around the globe. Nudura has a wide variety of code approvals for the Middle East, UK, Europe, and North America.

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





CPG Europe manufactures high performance building materials in order to solve the complex challenges faced by today's construction industry. It is the home for multiple European construction product brands, including illbruck, Flowcrete, Nullifire, Tremco, Vandex and Dryvit. With over 1,400 employees across Europe, we are committed to shaping a world where buildings and structures save energy, last longer and exceed sustainability benchmarks.

From joint sealing, bonding and insulation through to passive fire protection, flooring, waterproofing and roofing solutions – the product brands housed within CPG Europe cover a wide array of different construction needs. Combined with the wealth of expertise, services and support we provide a truly unique offer – to make our customers more successful time after time.

CPG Europe is part of RPM International Inc. – one of the world's leading construction products companies for both the industrial and consumer segments.

## CPG Europe's Core Values



Collaboration



Honesty & Integrity



Respect



Engagement



Sustainable

## Delivering World-Class Construction Product Solutions.

The product brands housed within CPG Europe cover a wide array of different construction needs and provide a wealth of complex services, support and systems that are rarely found together under one roof.



Sealing, bonding & insulation

Window Insulation, Façade Construction, Exterior Insulation & EIFS, Structural & Inplant Glazing



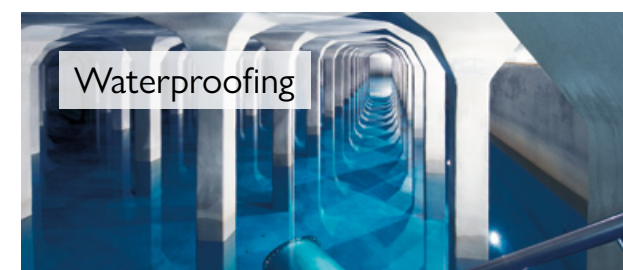
Passive fire protection

Intumescent Coatings, Fire Stopping



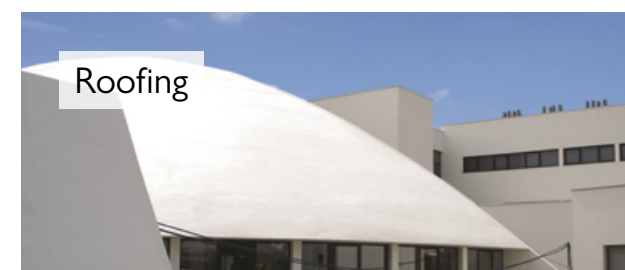
Flooring

Seamless Resin Flooring, Subfloor Preparation, Car Parking Structures



Waterproofing

Potable & Waste Water Industry, Balconies and Podia, Terraces, Basements & Foundations



Roofing

Liquid Applied Systems, Felt Systems, Vegetated Roofing

Europe's leading construction products brands...





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