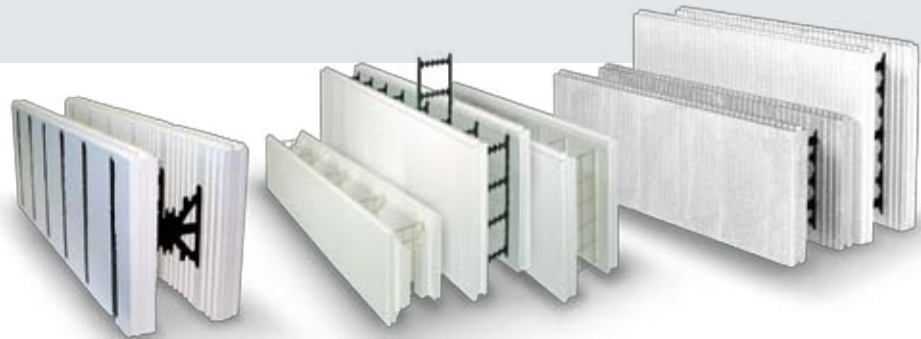




Sustainable Building Envelope Solutions



SUSTAINABILITY IS IN OUR NATURE.

For more than 15 years, ARXX has been laying the foundation for sustainability by providing Insulated Concrete Forms (ICF) and green building solutions. We are committed to helping build better structures that support a healthier and more comfortable work/life environment and create buildings that will be enjoyed for generations to come.

When it comes to green building envelope solutions, ARXX is the brand of choice for architects, specifiers, developers and contractors. The ARXX family of products deliver the energy-efficiency and comfort that property owners/managers want and the superior quality, durability, flexibility, and cost-effectiveness builders need to ensure they deliver a high-performance, sustainable structure.

ARXX products contribute to – and enhance the evaluation towards – Leadership in Energy and Environmental Design (LEED®) credits, as well as other building green certifications.



- ENERGY SAVINGS
- LEED CONTRIBUTION
- REDUCED CONSTRUCTION TIME
- EXTENDED BUILDING SEASON
- NOISE REDUCTION
- INDOOR AIR QUALITY
- FIRE-RATED ASSEMBLY
- STRENGTH AND DURABILITY



Outstanding green solutions for architects, developers and builders

Greater awareness of environmental issues is not only driving demand for sustainable buildings, it also requires that architects, developers and builders demonstrate leadership in product selection and design for sustainable build projects. As a result, more and more professionals are turning to ICF for their commercial projects. ICFs are expanded polystyrene (EPS) foam forms that are designed to support concrete and enhance the curing process while providing two built-in layers of high-performance insulation. ICFs remain in place to be the integral part of a high-performance building envelope for walls and foundations of any height and for any climate zone.

Advantages of building with ARXX ICF Products

- ICF is a lightweight, modular design that can be installed with just one crew, reducing labor costs, increasing the speed of construction and enabling earlier completion dates with faster occupancy earnings.

- Design creativity is limitless. The forms can be easily cut into any shape – from curved walls to window arches. As well, any interior and exterior finish can be applied directly to the EPS panels.
- Very low air infiltration, no Volatile Organic Compounds (VOCs), no off-gassing, no thermal bridging and excellent fire resistance ratings.
- ICFs and concrete are green products utilizing a percentage of recycled and regionally manufactured materials.
- Contributes points to LEED credits and other green build certifications.

Whether the project is a school, hospital or a high rise hotel, ARXX delivers sustainable, high-performance envelope solutions.





The ARXX family of
Insulated Concrete Forms

ARXX® FORMS

POLYSTEEL® FORMS

ECO-BLOCK®



A concrete edge: The ARXX ICF advantage

ARXX offers architects, developers and builders all over the world a superior alternative to conventional building systems. We are the only company in North America to offer a wide variety of ICF products to meet the growing demand for sustainable buildings.

Simplicity fosters versatility.

There's an ARXX ICF for every project, whatever design, shape, height or size.

THEATERS AND AUDITORIUMS

SCHOOLS

GYMNASIUMS

CONDOMINIUMS

RETAIL SPACES

HOTELS AND INNS

WINERIES

OFFICE BUILDINGS

BANKS

RETIREMENT HOMES

HEALTHCARE FACILITIES

PLACES OF WORSHIP



arxx elements™

- ARXX® FORMS ● POLYSTEEL® FORMS ● ECO-BLOCK®
- ARXX ACCESSORIES - HOOK, LOCK, MAXX® FOUNDATION WRAP
- ARXX BRACING & ALIGNMENT SYSTEMS
- TRAINING & TECHNICAL SUPPORT

Combining the strength of reinforced concrete and energy-efficiency of heavy-duty insulation, ICF provides an innovative approach to building green.



Insulated concrete forms give a building enhanced comfort, solidity, durability, resistance to natural disasters, quietness, and energy-efficiency.

Reduced life-cycle costs. With virtually no air infiltration, a structure built with ARXX ICF products will help reduce the load on HVAC systems, resulting in lower initial capital cost for equipment plus lower operating costs for the life span of the building. ARXX products also ensure superior energy-efficiency through high R values, no thermal bridging and greater thermal mass.

Quiet confidence. ARXX ICF walls are highly effective at keeping noise where it belongs – either from the outside in or between interior units. ARXX products are ideal for building projects that call for sound control for exterior or interior demising walls.

Structural integrity. Steel-reinforced concrete creates strong, solid walls that can withstand high wind speeds of 150 mph or more and can hold up against wind-blown debris travelling over 100 mph. ARXX ICF walls may also be designed for all seismic zones.

Tall-wall innovation. Our tall-wall scaffold system with state-of-the-art alignment lets you build tall ICF walls up to 125 feet high without scaffolding engineering requirements while exceeding OSHA wall attachment and safety standards.

Recyclable materials. Used concrete from our walls and foundations can be fully recycled as aggregate or granular material while industrial by-products such as slag or fly ash – which would otherwise be sent to landfills – can be used to supplement cement in concrete mixtures.

Kind to the environment. ARXX ICF products are free of CFCs, HCFCs, PBDEs and any material that emits VOCs. Buildings with ARXX ICFs are environmentally friendly by reducing greenhouse gas emissions and easing the strain on natural resources.



ARXX™ Forms



PolySteel® Forms



ECO-Block®



At ARXX, we aim to stay ahead of the curve. We are consistently searching for ways to improve our products and processes, which in turn helps you maintain your leadership in the green build market.

Great products backed by great expertise



Behind the ARXX family of products are great people and innovative processes designed with your success in mind. Our exceptional team includes technical experts who can assist with green build design and provide guidance throughout the entire project, including the LEED certification process. Our technical managers can be easily contacted to answer any question and are available for onsite support to reinforce training.



Put ARXX products into your green build projects

Contact us today to learn more about the ARXX family of ICF products, to arrange an **AIA approved presentation** on building with ICFs, or for an in-depth training seminar on ARXX ICF construction.

Visit www.arxx.com or call 1.800.293.3210

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The ARXX ICF Family

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eco
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PolySteel

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