ICF Product Directory

Our Product Directory is something we provide each year to help consumers stay updated on ICF-related products and services. This special advertising section includes a large array of products across the board including bracing, bucking, drafting and design, waterproofing, floor systems, truss and ledger connectors, foam densifiers, vibrators, permeable pavers, wall systems, etc. It will provide you with updated contact information for companies and basic information about their products. These companies are ready for your business and look forward to making your next ICF build a success. Don’t hesitate to reach out to them, and let them know you saw their products in ICF Builder Magazine.

**Bracing**

**Hilltop Scaffolding and Bracing System**

[www.hilltopmanufacturing.com](http://www.hilltopmanufacturing.com) | 866-627-7720

The Hilltop ICF Scaffolding and Bracing system made by Hilltop Manufacturing is an outstanding choice for all ICF contractors. The lightweight aluminum strongbacks makes transport and setup easy.

The adjustable turnbuckle has no threads at the top of the brace. That means no concrete buildup on the threads, and trouble-free wall alignment. The system comes with a removable handrail support, and is available in all standard heights (8', 9', 10', or 12'). Tall wall and custom heights are available.

Our crating system is designed to hold 40 complete sets of bracing while the braces are compatible with all major brands of insulated concrete forms. Pricing and additional information is available at the phone and website listed above.

**Plumwall — One Bracing System for Low, Mid & Tall Walls**

[www.plumwall.com](http://www.plumwall.com) | 888-928-6676

Plumwall gives contractors one alignment system that’s easy, engineered, and efficient — giving contractors one system for bracing 10, 12, 14, and 16 through to 24 feet.

The built-in time-saving features of Plumwall ICF Bracing also improve your job-site productivity.

The Plumwall All-In-One model is a one-piece brace that is easy for one-person to carry and ensures no missing parts. Pull two pins and you’re ready to set up the brace without any extra pieces.

When the concrete is poured and final alignment is required, one-person using a cordless drill makes the adjustment at platform height, exactly where you need it.

Plumwall ICF Bracing offers stackable transport crates which hold 24 braces, for an organized way of transporting and storage.

With customers around the world, Plumwall has been tried and tested within the ICF industry, providing an engineered product, worker safety and straight walls for 20 years.

**Bucking Systems**

**Prebuck**

[www.prebuckproducts.com](http://www.prebuckproducts.com) | 616-309-6256

Prebuck technology offers the strongest, fastest, and smartest construction solutions available. Save time and money while building superior durability into every project.

Specifically designed for direct contact with concrete and non-corrosive to metals, Prebuck products feature TimberStrand Strandguard (LSL) engineered lumber treated with zinc borate for exceptional resistance to insects and decay. Prebuck products also feature MDI resin, the 100% waterproof bonding agent that turns to a durable plastic when cured.

Combine these quality components with Prebuck’s advanced engineering and you’re guaranteed the most efficient construction technology available today.
Hering, owner of Innovative Custom Homes LLC. Having been in residential construction and remodeling since 2004, Heather transitioned her business to ICF in 2016 and found it time-consuming and difficult to continually educate and work with local drafting firms. Based on that experience, the partners saw a need for an ICF-specific drafting company that could help its clients make the switch to ICF and expand the use of ICF construction across the country.

The IDD team specializes in residential and multi-family ICF designs and have partnered with ICF friendly engineering firms across the country in order to provide their clients with everything they need to build their ICF dream home. They strive to provide a simple process to homeowners and builders alike to navigate the hurdles experienced first-hand in switching to ICF. From hands-on experience stacking multiple homes, the IDD team has a different perspective when designing an ICF project, focusing not only on the efficient use of block but also on creating something that their clients will love for years to come.

Flooring & Decking Systems

Crete-Heat Floor Panel System

Crete-Heat is the original modular floor panel system that combines insulation, vapor barrier (10-mil polystyrene film), and a radiant floor tube holding grid into a single easily assembled product. Don’t be fooled by all the imitators. Crete-Heat is the original 3” grid panel in all of North America and backed by actual testing. It greatly simplifies the installation of hydronic radiant floor tubing, cutting installation time by as much as two-thirds. The product is available in three thicknesses and three PSI strengths.

The regular Crete-Heat Insulated Floor Panel System is 2 7/8” in overall thickness, with 2” of solid EPS foam. It has been independently tested by Intertek Semco in Canada to provide an insulation value of R-10. The retrofit or above-grade panel is 2-1/8” in overall thickness, with 1” of solid EPS foam which provides an R-Value of 6. This same panel has 23 db sound reduction knobs available on the lower surface.

Each interlocking panel covers 2’x4’ of floor space (8 sq. ft.) with fasteners for 3/8”, 1/2”, and 5/8” radiant tubing every 3” on center. The Ice Melt panel holds 3/4” and 1” PERT or PEX tubing. Higher density 40 and 60 PSI panels are available. Bundles of Crete-Heat are 25x49x21 and weigh 28 lbs. each.

TotalJoist by iSPAN

Increase your design and building options with iSPAN’s cold-formed steel flooring systems. Ideal for mid-rise construction and luxury homes, TotalJoist is an easy to install cold-formed steel floor joist that offers a robust, simplified framing solution compared to traditional wood or steel joists. The proprietary design allows TotalJoist to be installed similar to wood I-joists. TotalJoist is available in 9 1/2”, 11 7/8”, 14, and 16” depths, making it an ideal replacement for wood TJIs. With the pre-cut service holes which allow ducts to be run through the floor, you can eliminate bulkheads and create a solid floor while minimizing vibration and higher acoustic ratings. Designed specifically to work with all wall structures including ICF, TotalJoist can be quickly and easily assembled by any framing team or trade. To learn more visit www.ispansystems.com.

Legalett

When building with ICF, start with Legalett’s super-insulated GEO-Passive slab foundation, featuring ThermaSill PH door entry thresholds and the comfort of an optional air-radiant floor warming system. Designed to Passive House standards, building the Legalett Way produces a continuously insulated, high-performance building envelope, from the ground up to the roof. For maximum performance under the most extreme weather conditions, add up to R32 of exterior wall insulation to any ICF wall by using Legalett’s ThermalWall PH panels. Complete the picture with ThermaBuck PH sills and jambs to provide the ultimate high-performance envelope solution for comfort and reduced energy consumption. Legalett PH products are all Passive House Certified, making a specifier’s job as simple as the installation itself. Choosing Legalett PH gets every construction project off to a great start, with comfort and performance built-in.
**Foam Densifiers**

**Sebright Products**

Sebright Products, Inc. offers solutions for recycling EPS foam, selling, designing, manufacturing, installation, and service for a comprehensive line of EPS densifiers with capacities ranging from 100 lbs. per hour to 1,200 lbs. per hour. The machinery converts waste EPS into a product weighing 16-20 lbs per cubic foot. Densifying waste foam offers numerous advantages, including reduced storage requirements and reduced hauling/handling costs. After processing, up to 40,000 lbs. of foam can fit into a single truckload. Densification also eliminates the danger of pentane gas buildup.

Bright machinery has a reputation for quality. All equipment is designed, manufactured, installed, and serviced in the United States. The original EPS densifier, installed in 1995, is still in use today, processing more than a million pounds of product per year with minimal downtime.

A video of the densifier is online at [https://www.sebrightproducts.com/equipment_category/densifiers/](https://www.sebrightproducts.com/equipment_category/densifiers/).

**Integrated Framing Assemblies**

**Stala Integrated Assemblies, LLC**

As the pioneer of Integrated Framing Assemblies (IFAs) and with thousands of units installed, Stala is excited to announce a new product offering for the ICF construction industry.

**ICC-500 Solutions**—Tested, certified, labeled, and listed in accordance with ICC-500 (2020) Standard for the Design and Construction of Storm Shelters, our ICC-500 Solutions are steel door, frame, and hardware assemblies designed specifically for ICF storm shelter openings.

Stala IFAs continue to act as the preferred bucking system for ICF openings; the difference being that our ICC-500 Solutions are rabbeted and prepped for finish hardware. Once IFAs are set plumb and square, meaning storm doors and hardware swing directly from them. Specifying ICC-500 Solutions eliminates the need for an additional ICC-500 assembly as typically specified in division 8. Simplifying the opening design and installation even further, steel angles are no longer re-

**Tools & Accessories**

**Burmon ICF Connectors**

[https://burmon.com/icf-solutions](https://burmon.com/icf-solutions)

The Burmon ICF Connector range includes:

1. ICF Roof Truss Anchors— for sill plate to truss/rafter & concrete to truss connections.
2. ICF Wood Ledger Connectors for floor systems.
3. ICF Joist Hangers to suit most widths of Joists.

**Oztec RebarShaker**

[www.oztec.com](http://www.oztec.com) 800-533-9055

The Oztec RebarShaker is an innovative method of consolidating concrete in Insulated Concrete Forms. Placed over the top of vertical steel reinforcement, the RebarShaker vibrates at 10,000 — 12,000 vpm, ensuring excellent concrete consolidation along the entire length of the rebar. The RebarShaker allows ICF contractors to effectively consolidate the concrete without the risk of damaging the foam forms. The RebarShaker also tends to slowly rotate concrete around the rebar, packing concrete between the rebar and form, resulting in excellent bonding. Walls with wide rebar spacing will be more effectively consolidated using a combination of Oztec’s internal flexible shaft vibrators and the Oztec RebarShaker.
Truegrid Permeable Pavers

www.truegridpaver.com 855-355-4743 (GRID)

Heavy traffic and heavy loads? Need stormwater detention? Want to save land & money?

Truegrid Pro Plus permeable pavers are the engineer’s go-to commercial pavement system for 100% pervious cover, stormwater detention, and management. Truegrid is trusted and proven in millions of square feet of heavy-use commercial and industrial lots. Our patented 100% pervious pavers are easy-to-install, virtually maintenance-free, and guaranteed.

Drive on the surface, drain, detain, and filter stormwater below. Build with eco-friendly Truegrid to eliminate detention ponds and utilize 100% of your land for more parking, buildings, and revenue. Better than hardscape.

Watkins Hanger

www.watkinshanger.com 405-664-0010

Make your next ICF project easier with Watkins Hanger products. Connect wood trusses to ICF with the strongest connectors on the market with the original Watkins Hanger, which has been in the market since the late 1970s. Our Relia Ledge is the first weldable embedded bracket for ICF. Our Zenith Brace is the very first adjustable hurricane brace for ICF that captures the rafter and the joist. The OnePlate is THE most versatile product for ICF owners and contractors on the market. The simple design puts embedded, super strong connectivity anywhere you want it, like attaching decking, Litedeck beams, or even cabinets.

Wind-Lock ICF Tools & Accessories

www.wind-lock.com 800-872-5625

Wind-lock is your #1 resource for ICF tools and accessories. Now carrying Burmon ICF Ledgers and Brackets in addition to the G2 Hot Knife, Foam2Foam Adhesive, INEXO ICF Electrical Boxes, and more!

Now through August 31, 2022, at wind-lock.com, Get 15% off your entire ICF product purchase when you enter promo code ICBMAG7822 in your Toolbox during checkout.
Amvic ICF

Amvic is a user-friendly insulated concrete product with an innovative design, which increases the speed of construction, reduces labor costs, and provides the highest level of performance during and after installation.

The powerful combination of the patented, reversible Form-Lock interlock, EPS composition, and modern web design results in the following benefits:

- Less gluing and tying are needed during installation
- Amvic ICF can generate as little as 1% construction waste, greatly reducing landfill-bound waste
- Ability to withstand internal vibration, ensuring a structurally superior wall
- Comes with fully reversible blocks

Amvic is one of the strongest ICF systems on the market as proven by the Canadian Construction Material Center (CCMC) with a form capacity strength of 856 psf.

Building with Amvic’s ICF wall system in conjunction with our own rigid foam insulation product, SilveRboard, and our floor and roof solution, Amdeck, makes for a superior building. Amvic delivers a complete solution for today’s energy-conscious builder.

The BuildLock KD Bricklede Top Form (4-12”+)

The BuildLock Knockdown (KD) Bricklede is available in any size (4-12”+). The BuildLock KD system creates forms with cores from 4” to 12”+ in 2” increments, ships flat, and assembles on site to save space when shipping forms, especially large core forms. The KD panels snap securely together using a 3-axis positive locking attachment that snaps the web securely in the proper position to eliminate racking and provide superior structural stability throughout the construction process. Use the KD bridge connector to create forms larger than 12” by connecting two or more bridges together.

- Create a wider bearing surface at the top of your wall or at size transitions
- Commercial ICF block for projects requiring 4” to 12”+ concrete cores and easily accommodates 8” horizontal rebar spacing
- Patented strongest ICF web design on 6” centers
- Build 4”-24”+ walls using optional bridge clip connector
- Integrate pilasters into ICF walls

ENER-G-BLOCK – A Better Way to Build

Build Smarter – ENER-G-BLOCK wall systems require only one crew to build from the footing to the roofline, which eliminates the need for scheduling multiple trades.

Build Stronger – ENER-G-BLOCK wall systems are 16 times stronger than framed walls, and they require 300% less concrete than solid-wall ICF systems.

Build Faster – ENER-G-BLOCK is faster. With no corner blocks or form work needed, this time-saving 2-block system goes up 7 times faster than CMU walls.

Build Quality – ENER-G-BLOCK wall systems provide an R-34 in-wall nominal R-value, are Class-A fire rated and yield 50% up-front and ongoing energy savings. Using ENER-G-BLOCK reduces HVAC equipment costs, helps your buildings meet the EPA’s Energy Star criteria, and can contribute up to 17 of the 26 points needed for LEED certification based on the building design.

Extrutech Form Panels

www.epiplastics.com  888-818-0118

Extrutech Plastics Inc. is now in its 30th year of manufacturing bright white, easy-to-clean, interlocking wall and ceiling panels for the building industry. The Extrutech Stay-in-Place Concrete FORM System is ideal for high moisture areas and built to stand up to harsh environments. These FORM panels provide a bright white, smooth, non-porous, finished wall for both interior and exterior walls. The panels are available as a 6" thick P624 panel, and 8" thick P824 panel; both are 24" wide and available as kit form to your job requirements or cut lengths of 4 feet to 20 feet. Their tongue-and-groove design allows for fast and easy installation. Extrutech’s FORM panels are durable, color-fast, and resistant to impact and UV damage. These panels are highly resistant to moisture-related issues, are recyclable, have a 15-year warranty, and are made in the USA, ISO9001:2015 QMS certified and ICC ESR-4250 Listed.

Hobbs Vertical ICF

www.hobbsverticalicf.com  866-904-9255

- 40% concrete savings, 50% labor savings, and +“R30” insulation value with our contour wall design
- Contour or flat wall concrete core design options
- Panels available in “Exposed Stud” with built-in drainage plane or “Stucco Ready”
- No specialty ICF bracing or equipment required with Hobbs VICF
- Knock-down design saves shipping cost compared to ICF blocks
- Engineered shop drawings provided for each project
- One-on-one virtual installation training and on-going support provided at no additional charge
- No taping, gluing, or wire tying, and components are pre-cut to your wall height
- Strongest corners of any ICF
- Expert custom plan design services
- Family owned and doing business throughout North America since 2005


Fox Blocks Insert R8-panel

www.foxblocks.com  877-369-2562

How do you improve an Insulated Concrete Form wall that already outperforms conventional wall assemblies in all climates?

You move the concrete mass toward the living side of the wall. This unbalanced R-value will allow the concrete mass to be closer to the living area of the conditioned space for a more comfortable and energy efficient building.

The Insert R8-panel is a single part that is added to the Fox Blocks to boost the already high R-value another R8!

Fox Blocks xLerator Brickledge Reinforcement

www.foxblocks.com  877-369-2562

The xLerator is a patented one-piece wire reinforcement for Fox Blocks’ ledge and taper top forms. It simply drops into the pre-formed slots, reinforcing every corbel. There is no need to bend stirrups, and no tying or lapping is required, reducing labor costs and time-consuming delays.

The xLerator is fully engineered to properly address ledge loads and galvanized to protect against corrosion (which can lead to reduced concrete strength).

Available exclusively from Fox Blocks, the xLerator is the only ICF ledge reinforcement system to meet ACI 318 guidelines.
Nudura

Nudura ICF Forms are high-tech industry-leading insulated concrete forms that have proven technologies to make building easier and faster. Our Insulated Concrete Forms provide design professionals, architects, homeowners, and contractors the freedom and versatility to design and build a structure the way it was envisioned.

The Nudura wall-building system empowers you to build more energy-efficient, sustainable, and comfortable homes or structures than those built with more traditional materials like wood. Create the project of your dreams with our line of ICFs and accessories that speed construction times and offer endless building applications.

The Perfect Block I.C.C.F. Block Fire-safe, Disaster-safe

Eco Building Systems’ The Perfect Block composite ICF is a screen-grid insulated composite concrete form (ICCF) for walls, made from ground-up post-industrial, post-consumer expanded polystyrene (EPS), portland cement, and proprietary add mix. 100% of the EPS used in our ICCF block is recycled EPS intercepted before it reaches the landfill. We are using a modern-era waste product that would be filling the world’s landfills to create a much-needed energy-efficient and fire-safe building block. We even use EPS waste from other ICF products. The Perfect Block system is easy, simple, and uses less labor and grout than other wall systems!

The Perfect Block forms come in several thicknesses, 6”, 8”, 10” asymmetric and 10”x6x6 core. All forms are monolithic with precise dimensions and stack easily and require no bracing.

The Perfect Block: Fire-safe, No Bracing, ASTM Tested, and Simplifies Building.

COSTS LESS THAN ANY OTHER WALL SYSTEM!

Stronghold ICF

Stronghold manufactures the toughest and most contractor friendly insulated concrete form on the market.

- Extra 2 3/4” foam thickness – stops bulging and pillowing of forms
- Locking, non-settling webs – stops separating joints and produces a tight, solid wall
- Exclusive web attachment corner details – provides attachment points where you want them
- Heaviest and strongest web ties available – providing strength you can depend on
- Fully reversible interlock design – provides for less waste and faster builds
- Longer corner blocks (8” 90° corner 42”x26”) – providing additional strength and pour stability
- Continuous webs every 8”o.c. stops settling and eliminates fastening gaps for siding and drywall

Stronghold ICF blocks and webs are tested multiple times each day during the manufacturing process for strength and quality. The testing includes:

- Below 0°F impact test of the web fastening flange with a nail gun – assuring great performance
- Tensile strength testing mimics excess concrete pressures – providing peace of mind
- Screw pullout tests for fastening holding power – assures cabinets and siding stay in place
- Webs tested to 1,150 lbs. – 1,250 lbs. of pressure – withstands pressures of the most difficult pours
- Blocks factory-tested daily for concrete pressures – assuring the highest quality foam

Stronghold fully tests all products at the factory so the contractor doesn’t have to. 4” wide fiberglass reinforced trademarked exterior bands on all corner blocks provide insurance against blowouts due to rough handling on the jobsite. Stronghold’s focus is on providing installer contractor peace of mind during the pours, stopping worries about blowouts, pillowing, separated joints, and uneven settlement of walls.
Waterproofing & Drainage

Ames Blue Max Original Liquid Rubber Waterproofer

Ames Blue Max Original Liquid Rubber Waterproofer is an acrylic elastomeric rubberized coating that is ideal for waterproofing Insulated Concrete Form (ICF) construction. Blue Max forms a seamless monolithic rubber film to the ICF to provide lasting waterproof protection. With 1200% elongation, Ames Blue Max will not crack and peel with structural movement. Blue Max is easy to apply by airless sprayer, roller, or brush, is less than 1 g/l VOC, low odor, and made in the USA. Ames Research Laboratories is a veteran-founded, woman-owned business located in Salem, Oregon.

Geo-Mat+ Foundation Drainage System

Geo-Mat+ rolls are made of a high-density polyethylene HDPE with a Typar geotextile fabric. When the polyethylene side is placed against a waterproofing membrane, a series of vertically and horizontally aligned dimples rapidly channel water downward from the grade to the footer drainage system. The stud-shaped dimples create an air chamber between the roll and the wall, which keeps the wall dry. When combined with one of Mar-flex’s waterproofing membranes, such as Mar-flex 5000, Geo-Mat+ forms an incredibly effective waterproofing system. Geo-Mat+ features an assortment of pertinent accessories that make installation simple. The mat is made from 100% recycled material, and can be used towards LEED building credits. The material is resistant to saline solutions, alkalis, and acids and protects foundation waterproofing membranes. Installation is easy: Geo-Mat+ unrolls horizontally over the coated section of the wall. Geo-Mat+ can be employed as a dampproofing drainage roll or as part of a waterproofing system in conjunction with Mar-Flex’s superior waterproofing membranes. Pricing and additional information is available at the phone and website listed above.

QuickSeal by Mar-flex

Mar-flex’s QuickSeal waterproofing membrane was developed to provide an economical level of waterproofing for a wide variety of applications. QuickSeal is both versatile and effective. It can be applied as water-based latex emulsion or a solvent-based solution, and comes with a limited warranty. QuickSeal has been tested and proven in applications over almost all clean, dry, and sound substrates. Solvent-based QuickSeal can be applied in air temperatures as low as 0°F.

QuickSeal waterproofing membrane is sprayed directly onto walls and is recommended for new construction waterproofing of all below-grade basement walls of poured concrete, unit masonry or *Insulated Concrete Forms (*waterbase formula). As water comes into contact with QuickSeal, it is unable to penetrate the impermeable waterproof membrane and instead drains safely away. This process works most effectively when used as part of a water protection system, including a drainage board and drainage tiles or other foundation drainage product.

ShockWave Drainage Insulation Board

Using Mar-flex’s ShockWave drainage insulation board is the fastest and most cost-effective way to permanently waterproof a building foundation. Made from 100% reclaimed automotive polyethylene foam, ShockWave drainage insulation board keeps water away from your foundation, but it also does more than that. Drainage insulation board attaches to the exterior walls of your foundation project and prevents it from touching underground dirt and water. ShockWave allows water to drain through the material down to tile drains. This natural, guided flow of water maintains the solid substrate around your foundation, keeping your building secure for generations. Best yet, ShockWave is easy to install in combination with a waterproof membrane using adhesive or concrete nails. The material is inert, and is not affected by water or soil exposure or chemicals. It can be used in any geographical area. Pricing and additional information is available at the phone and website listed above.
Top Gun Water-Based Emulsion Waterproofing

Mar-flex's Top Gun Waterproofing is in a class all its own. For residential solutions, choose Top Gun Water-based (WB) Elastomeric Emulsion Exterior Below-Grade Waterproofing Membranes because they are tested and proven membranes that can be applied over almost any clean, dry, sound substrate. Top Gun features Mar-Flex's highest Residential "Limited-Lifetime" warranty and is a waterproofing industry product leader. It is the U.S.'s top-performing waterproofing membrane thanks to its superior flexibility and highest elongation. It is also green, made with no ammonia and no hazardous chemicals, and counts for LEED building credits. TopGun WB is recommended for new construction waterproofing of all below-grade basement walls of poured concrete, unit masonry construction, or ICF walls. TopGun WB can be used as a membrane spray only or as part of a system. Pricing and additional information is available at the phone and website listed above.

Resisto ICF Waterproofing

Established in 1996, Resisto, a division of Soprema, specializes in the manufacturing of construction materials for residential and commercial buildings. Resisto’s ICF Membrane is a self-adhesive waterproofing membrane specifically designed for ICF foundations. This SBS-modified bitumen membrane has a trilaminate polyethylene woven facer which makes it puncture resistant. Additional products offered by Resisto that protect your foundation are drainage boards, fluid-applied waterproofing, and primers, making Resisto a great single source for all your waterproofing needs. Resisto is dedicated to its customers by providing representation and expert technical support from coast to coast.

Rub-R-Wall Aqua Waterproofing

Rub-R-Wall Aqua Waterproofing is a single component spray applied polymer membrane. It is a less than 20gl per liter VOC water based coating. Rub-R-Wall Aqua is UV stable and was designed with the ICF contractor in mind. Rub-R-Wall Aqua has many beneficial features of Rub-R-Wall Waterproofing without the special equipment required to apply. Rub-R-Wall Aqua is available in 5 gallon pails, 55 gallon drums and 350 gallon totes. Rub-R-Wall Aqua also has accompanying mastic to address gaps and voids to a substrate. For information on Rub-R-Wall Aqua Waterproofing or any Rubber Polymer Company product, please visit our web site at www.rpcinfo.com.