



# ICF Product Directory

Companies within the ICF industry are constantly updating their product lines with newer, better products and services, designed to help their customers become more efficient and profitable.

This annual ICF product directory showcases the latest evolution of products from accessories to waterproofing, and virtually everything in between: bracing and bucking, forms, foams, and footings. It's all organized by category and includes company contact information. Don't hesitate to call for more information, and let them know you saw the product in ICF Builder Magazine.

## Accessories

### Fox Blocks Insert R8-panel

[www.foxblocks.com](http://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!

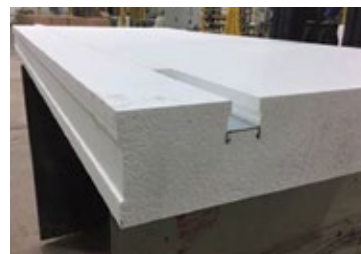


### ThermalWall PH

[www.Legalett.ca](http://www.Legalett.ca) 888-299-7567 ext. 101

ThermalWall PH is a 4' x 8' T and G, EPS panel with embedded steel channels that installs over any type of wall including ICF, wood framing, concrete, concrete blocks or steel studs. The panels come in R24, R28 and R32 and includes fasteners. The specially shaped integrated steel channel is protected from the cold by a removable EPS "Snap Track". Once the panels are installed the "Snap Track" is pushed back in and locks in place providing protection

ThermalWall PH Panel

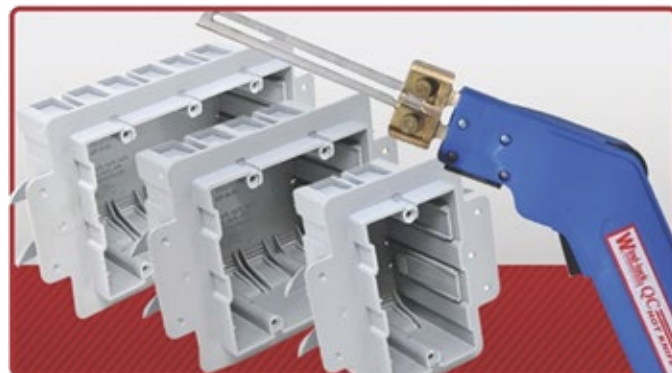


from the cold and will shed any surface water by means of the positive slope designed profile. If you need more insulation than your standard wall assembly will provide, are designing a Passive or Net Zero building or are just doing a retrofit to an old structure, Thermal Wall PH is the right choice. See what Lloyd Alter from *Treehugger.com* had to say about ThermalWall PH at <https://goo.gl/AADz1a>!

### Wind-lock

[Wind-lock.com](http://Wind-lock.com) 800-872-5625

Wind-lock carries the tools and materials ICF contractors need when on the jobsite, including ICF Hot Knives, Foam2Foam Adhesive, Inexo ICF Electrical boxes, Rasps, and more. For a limited time, enter promo code ICFDirect in your shopping cart to get 15% off your entire first order! Shop today at [Wind-lock.com](http://Wind-lock.com)!



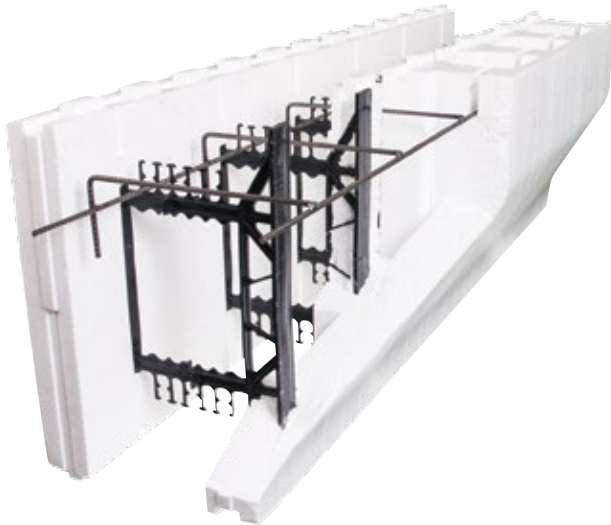
## Fox Blocks xLerator Brickledge Reinforcement

[www.foxblocks.com](http://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.



## 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. Recently Hilltop has introduced a new extra-heavy-duty strongback for the taller wall systems. 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.

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.



## Improved Plumwall All-in-One System

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

Plumwall All-in-One ICF Bracing improves worker safety and provides user-friendly operation. Plumwall is the only ICF bracing system that offers contractors alignment control at platform level and an all-in-one folding design – giving you unmatched one-man productivity.

New on the All-in-One is a wider platform, measuring 22 inches of available plank width. Also available, Plumwall now offers metal safety posts that easily pin into place, ready for railings. Outriggers and platform angles are now powder coated in high-visibility safety orange, keeping the jobsite safer.



**Tall Wall:** For contractors looking for engineered tall wall bracing, Plumwall's 24-foot height can't be beat. The same bracing system can be configured for 10', 12', 14', 16', and through to 24 feet.

**Storage and Transport Crate:** Moving and storing Plumwall bracing is simple with the Plumwall crate, stacking safely and transporting using forks or a crane.

## Zee T-Junction Bracket

[www.zontbracing.com](http://www.zontbracing.com) 888-303-3278

The Zee bracket is the latest addition to Fab-Forms Zont Bracing lineup.

Made of 12 gauge galvanized steel, the reusable Zee bracket allows contractors to quickly form their own T-junctions on-site. Creating your own T junction eliminates two marriage lines during the build. Getting you out of the hole quicker.

For dealers, the Zee bracket allows you to free up valuable space in the warehouse. No more stocking various sized t-junctions to service your customers. This leads to more space in the warehouse, and in the delivery truck.

Reinforcing the backside of T-Junctions is still required on taller builds. Something most contractors do regardless with traditional T-Blocks.

The Zee bracket works with all horizontal ICFs in the market. And it is also great for quickly locking in window bucks.

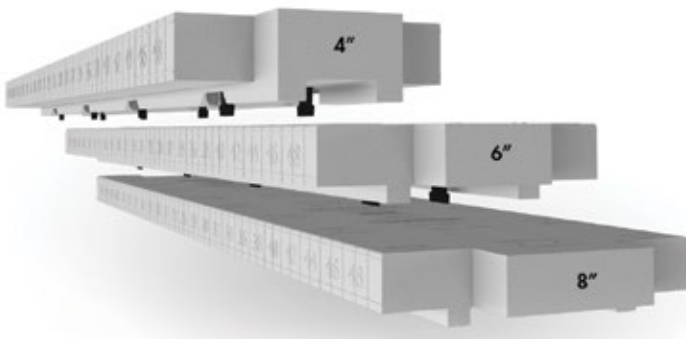


## Bucking

### BuildBuck

[www.BuildBlock.com](http://www.BuildBlock.com) 866-222-2575

BuildBuck ICF Door and Window Bucking is the strongest and longest ICF buck on the market. BuildBuck is two-inches thick and 52" long (48" nominal) interlocking to create a continuous insulation barrier for all door and window openings. The buck features three primary attachment areas across the face of the buck every 6-inches on center and full-length attachments on each side. Foam guides properly align BuildBuck and ICF blocks. The molded-in sealing member works with flashing to seal against moisture intrusion. Molded-in features such as BuildBlock's standard tape measure and cut lines makes using the buck size simple and straightforward. BuildBuck is available for all 4" (MO only), 6", and 8" forms.



## Densifiers

### Bright Technologies

[www.sebrightproducts.com](http://www.sebrightproducts.com) 800-253-0532

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 [www.sebrightproducts.com/media-center](http://www.sebrightproducts.com/media-center).



## Exterior Finishes

### Stencils for Decorative Stucco

[www.multicoat.com](http://www.multicoat.com) 800-660-6729

Creating decorative patterns in Stucco is easily done with Multi-coat's Stencils. Our disposable Stencils are furnished with a peel and release adhesive backing and are packaged as flat individual sheets. Since flat sheets do not curl this results in less bleed-under into the joints. We manufacture two thicknesses; our Standard .024 point and the Extra Thick .060 for occasions where a deeper reveal appearance is desired. Our Stencils are sized so that only one person is required for placement. Our superior adhesive offers a great temporary bond to the surface and does not leave glue residue behind. We offer over 20 patterns as well as custom patterns, with or without adhesive, available in two different thicknesses. Although these were designed to be used outside they can also be used on the interior to create accent walls. To learn more, visit our new website at [www.multicoat.com](http://www.multicoat.com).



## Floors

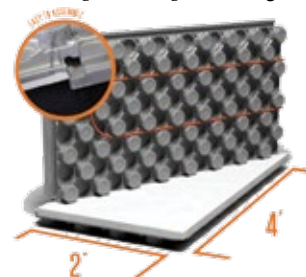
### Amvic Insulated PEX Panel

[www.amvicsystem.com](http://www.amvicsystem.com) 877-470-9991

The Amvic Insulated Radiant PEX panel has been specifically designed to provide the most cost effective installation and performance characteristics for hydronic radiant floor heating systems.

The manufacturing process starts with the most technically advanced automated EPS molding equipment in North America. The combination of expanded polystyrene (EPS) insulation—one of the highest performing energy efficient insulation materials available today—molded to the high-impact polystyrene film makes for a strong, resilient interlocking PEX panel.

The panel nubs form a "mushroom" shape to lock the PEX piping firmly in place. The PEX piping is easily inserted into the panel simply by walking on the tube. Once inserted the pipe will be properly positioned and seated into the panel. The innovative, patented panel design ensures that the tube will be completely encased in concrete and not pushed to the bottom of the panel as some competitive products do. This will allow for the proper heat distribution of the radiant tubing and more efficient energy transfer.

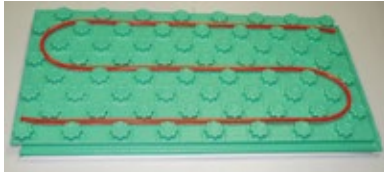




## Crete-Heat Floor Panel System

[www.crete-heat.com](http://www.crete-heat.com) 920-948-3738

Crete-Heat is the original modular Floor Panel System that combines insulation, vapor barrier (10-mil polystyrene film), and 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 inch 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 25 x 49 x 21 and weigh 28 lbs. each.

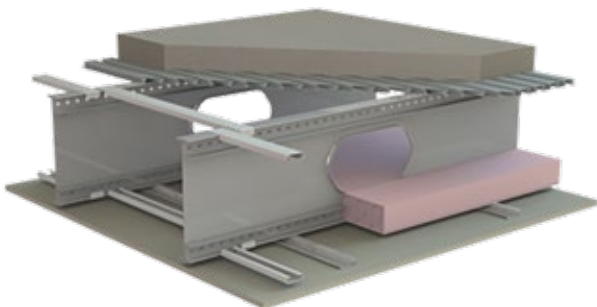
## iSpan Composite Total Joist

[www.ispansystems.com](http://www.ispansystems.com) 855-80-ISPAN (4 7726)

Composite Total Joist is a steel floor joist which utilizes dovetail steel deck and concrete for a lightweight yet stiff-feeling floor.

The simplicity of this floor comes from the unique planar web joist combined with dovetail decking which forms a very strong bond with the concrete poured onto it. This eliminates any formwork and shoring required for traditional concrete slabs while making installation safer and quicker. Being top chord bearing, this joist is ideal for ICF walls with the benefit of no expensive ledger connection. You will also have the benefits of precut service holes which allow ducts to be run through the floor.

Add the combination of no formwork, no shoring, no bulkheads, vibration control and a safer install and you have a premium concrete floor. Visit our website above for more information or give us a call.



## Footings

### ThermalSill PH

[www.legalett.ca](http://www.legalett.ca) 888-299-7567

"New" All Legalett GEO Passive PH optimized slab designs are now available with ThermalSill PH. ThermalSill PH is made with EPS and "Nexcem" cement-bonded wood fiber threshold for use at door entry ways that traditionally would have exposed uninsulated concrete.

It can be screwed into, supports loads, is fire rated and has a minimum composite insulation value of R15. ThermalSill PHTM is the best solution for reducing cold bridging in thresholds whilst maximizing strength and longevity.

Legalett's GEO Passive slab foundations are ideal for Passive and Net Zero construction including ICF walls. All project designs come with state or provincial engineers stamp and a detailed set of shop drawings to make installations simple yet proven effective.

Avoid the "Boiler Room Effect" of hydronic heated floor slabs by using Legalett's air heated radiant floors. Designed for maximum comfort and engineered for simplicity, you will be amazed at how quiet and energy efficient a well-insulated Legalett home can be.

Go to <https://goo.gl/yikje3> to see complimentary information and technical documentation for Passive House Optimized Wall Insulation Panels and Floor Slabs and Legalett's renowned Air Heated Radiant Floors.



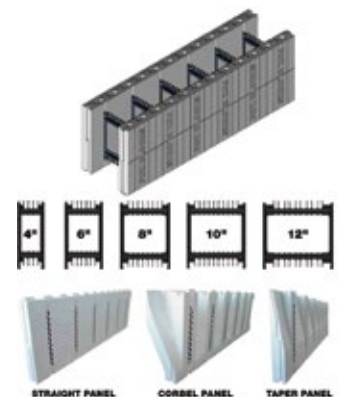
## Forms

### Fox Blocks Compact

[www.foxblocks.com](http://www.foxblocks.com)

877-369-2562

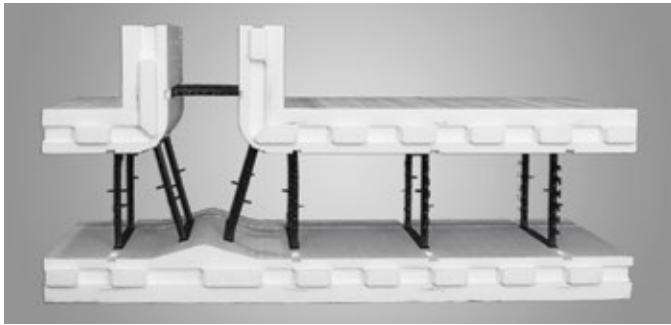
The Fox Blocks Compact is a panelized product designed to stack seamlessly with the traditional Fox Blocks form line. The Compact reduces freight costs by shipping flat. With the new product line Fox Blocks can provide Double Brickledge, Double Taper Top or a combination of these in all concrete core sizes. For additional resources look to [www.FoxBlocks.com](http://www.FoxBlocks.com).



## Fox Blocks Transition T

[www.foxblocks.com](http://www.foxblocks.com) 877-369-2562

The Fox Blocks Transition Ts are now available to address unique design requirements where concrete core wall thicknesses are different. To save time and labor Fox Blocks now offers T forms in 8" to 6", 8" to 4", 6" to 4" and 4" to 6" configurations with extra ties added at the T intersection to strengthen and support critical areas during concrete placement. As the Multi-Family and Hospitality market segment grows, Fox Blocks continues to add solutions focused on saving the installing contractor time and labor on the jobsite. For additional resources look to [www.FoxBlocks.com](http://www.FoxBlocks.com).



## EBS's No Bracing, Fireproof, Composite ICF

[ThePerfectBlock.com](http://ThePerfectBlock.com) 888-623-4223(ICCF)

Eco Building Systems' The Perfect Block "composite" ICF is an insulating composite concrete form (ICCF) for walls, made from ground-up post-industrial, post-consumer expanded polystyrene (EPS) and Portland cement. 100% of the EPS used in an 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-proof building block. We even use waste from other ICF products.

The Perfect Block forms come in several thicknesses, 6", 8", 10" Asymmetric, and 10" 6x6 core. All forms are monolithic with precise dimensions and stack easily and require no bracing. Stucco applies directly to face of the form, eliminating costly materials and labor-intensive steps. If needed, EBS's proprietary metal furring strips eliminate tear-out when mounting objects or cladding walls like plastic strips other blocks have.

The Perfect Block: Fireproof, No Bracing, ASTM Tested, Simplifies Building and Costs Less!



## Polycrete XpressWall: What's the Big Deal?

[www.PolyCreteUSA.com](http://www.PolyCreteUSA.com) 800-570-4313

Polycrete XpressWall leads to faster builds, better results, and quicker profits.

The trend in our industry is towards off-site construction. Rising costs, difficult logistics, and labor shortages are driving this movement. The more we do in the factory, the more precise the product, and the less work for you onsite.

Polycrete's XpressWall is a factory pre-cut ICF wall kit. We fabricate all corners, doors, window openings, and floor transitions in our factory. This ensures accuracy, speeds construction, and reduces labor costs.

We digitally construct the ICF portion of your building with our proprietary software. Each row gets a letter designation and each block gets numbered. Our fabrication department then cuts each block to spec, labels it, and packages your kit.

We've been doing this successfully for nearly 5 years on residential and commercial buildings up to 8 stories.

That's a big deal!



## Superform ICF System

[www.superformicf.ca](http://www.superformicf.ca) 403-627-3555

Superform ICFs are intended to replace conventionally poured concrete foundation walls in residential and light commercial construction. Because the Superform wall system accomplishes forming, framing and insulating in one step, it provides a finished wall far superior to any other framing method. The rigid EPS provides both the form for the retention of wet concrete, and the thermal insulation for the exterior wall. The EPS also provides superior sound barrier insulation for interior party walls. The plastic ties in the blocks are recessed slightly to prevent thermal bridging, allowing for proper placement of reinforcing bar, and also serve as a furring strip to which inside and outside finishes are attached.

The 2 5/8" of rigid EPS on each side of the wall provides a tested thermal insulating value of R-24, and has been treated with a flame-resistant additive for fire protection. A typical wall has a fire resistance rating of three hours and a sound transmission (STC) rating of 55.



**SUPERform**  
Forming a Greener Future

## Services

### Residential ICF Design & Consulting

[www.rkdzns.com](http://www.rkdzns.com) 866-584-2474

Robert Klob Designs is the premier residential design studio for the ICF industry. RKD has designed or consulted on hundreds of ICF structures over the last 25 years in 20 states and eight countries.

We have extensive experience with most of the ICF systems currently in the market. Because of this, our designs incorporate the sizing and unique aspects of each block system ensuring quicker compliance & fewer challenges during construction. Robert will travel to your site to ensure the personal service and connection.

RKD also offers consulting services for the ICF industry. We can work with your clients to efficiently convert their plans and designs to ICF. In addition, we offer ICF specific design consulting such as Structural Engineering, Energy Analysis and Mechanical Design.

Robert is one of the founders of the ICF Builder Group and is once again working with the PCA for the PCA-100 Above Ground Concrete Wall Code.

Please contact us for a free, no obligation initial consultation.



## Vibrators

### Oztec Rebar Shaker

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

The Oztec RebarShaker is the most effective method of consolidating concrete in insulating concrete forms. Placed over the top of vertical steel reinforcement, the RebarShaker vibrates at 10,000 - 12,000 vpm, ensuring excellent concrete consolidation.

The RebarShaker allows contractors to use a stronger, lower slump mix and still produce void-free walls, since the shaker gives the trapped air time to escape. The RebarShaker also tends to slowly rotate the rebar, packing concrete between the rebar and form, resulting in excellent bonding.

Wall with wide rebar spacing will be more effectively consolidated using a combination of Oztec's internal flexible shaft vibrators and the Oztec RebarShaker.



## Waterproofing

### ICF Waterproofing

[www.multicoat.com](http://www.multicoat.com) 800-660-6729

Basement Waterproofing on ICF is not a difficult nor expensive task when you select the right product.

Multicoat's Mulasticoat is a waterproofing membrane. It is furnished as a ready-to-use liquid membrane that can be rolled or sprayed onto the ICF Forms. This material forms a thick, heavy, "rubber like" barrier that prevents water from entering the structure. It has tremendous flexibility, even in cold climates, along with the ability to bridge joints in the foam as expansion and contraction occurs. There are no special tools nor training needed to apply this system. Because Mulasticoat is water-based, cleanup is simple using only soap and water. We also have Full-Wall Drain Panels that can be used to supplement water drainage. We do offer select no cost training sessions as well as a full warranty on all our products. To learn more, visit our website at [www.multicoat.com](http://www.multicoat.com).



### Rub-R-Wall Aqua Waterproofing

[www.rpcinfo.com](http://www.rpcinfo.com) 770-410-1545

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 products, please visit our web site at [www.rpcinfo.com](http://www.rpcinfo.com). ■

