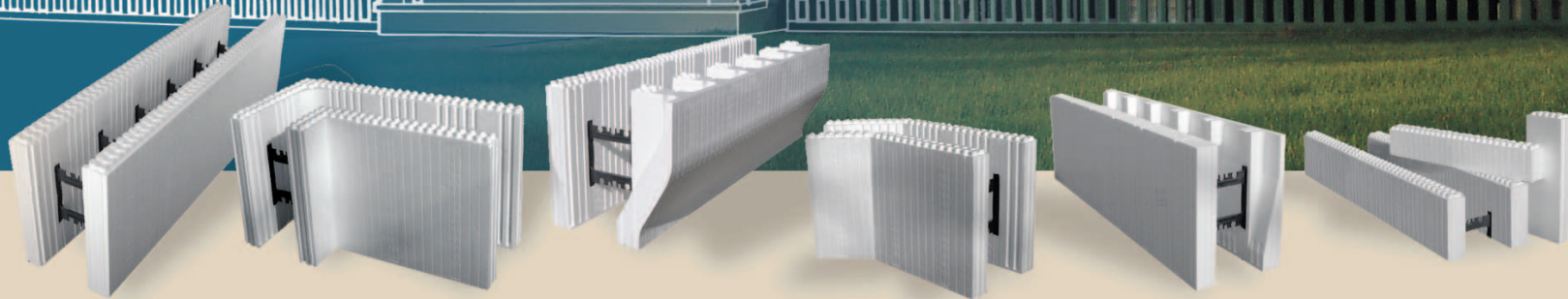


Built to Last. Built for Beauty.



LOGIX[™]
INSULATED CONCRETE FORMS
Good. Solid. Logix.[™]



Quality, Value and Service

Introducing LOGIX™ Insulated Concrete Forms. Based on the simple concept of interlocking blocks, LOGIX ICF gives you a wall system that's not only long-lasting, but also quick to build, sound-proofed, energy-efficient and has a 3-hour fire resistance rating. Engineered for superior performance, LOGIX gives you more wall for your money.

Who We Are

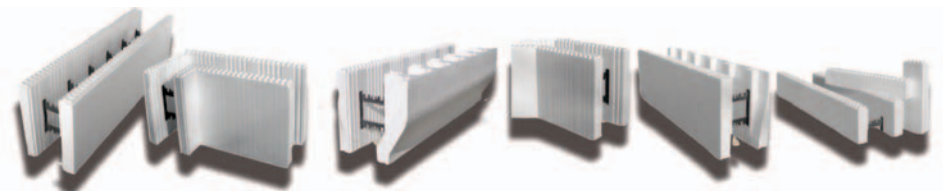
LOGIX is owned by five ICF manufacturers that operate across North America. Backed by over 50 years of manufacturing experience, LOGIX offers the features most valued by the industry and the consumer.

Outstanding Service

Where LOGIX really outshines the others is in its service. Unlike many ICF suppliers, LOGIX treats each sale as the beginning, not the end, of a relationship. We're with you every step of the way, offering invaluable advice on design and installation, backed by reliable technical support. Our technical staff is trained to respond to your queries with practical advice on quick and efficient installation. We provide comprehensive contractor training through our numerous regional technical support offices.

Value to the Consumer

We are committed to providing quality, cost-effective building solutions. For homeowners looking to save time and money, LOGIX is the ideal solution for several reasons – better insulation, quicker delivery and installation, and the relative ease of finding contractors with expertise in using LOGIX forms.



Key Benefits



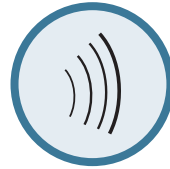
Highly Energy Efficient

The foam in LOGIX walls provides a thermal resistance rating of R-24. This exceptionally high R-value, along with high thermal mass and reduced air infiltration, allow LOGIX walls to deliver significantly higher performance levels.



Strength and Safety

LOGIX buildings are up to 8.5 times stronger than conventionally framed buildings. As a result, LOGIX walls are much better able to withstand severe weather such as hurricanes and tornados. LOGIX walls have a 3-hour fire rating as opposed to 15 minutes for a comparable wood framed wall.



Superior Sound Insulation

LOGIX walls offer you a quieter, more tranquil interior environment. A LOGIX wall can easily achieve a sound transmission classification of STC 50, which is twice as high as a typical wood-framed wall. Loud noises outside a LOGIX building will be reduced to a whisper inside the building.



Highly Moisture Resistant

ICF Walls don't need an extra vapor barrier. For below-grade applications, LOGIX provides a waterproofing system that ensures a comfortably dry basement. Improved air quality is another benefit as LOGIX eliminates the studs and cavities that can hold moisture and foster mold and mildew growth.



Environmentally Friendly

Buildings constructed with LOGIX are designed to last for centuries, not decades. LOGIX ICF walls conserve precious natural forest resources and their energy efficiency reduces fuel consumption. The use of LOGIX promotes sustainable, green building practices, and is an investment in the future.





simple steps to building a solid wall.



Step 1

Prepare the Job Site

Footings must be straight, flat and level within a tolerance of +/- 1/4" and meet local building codes. Building materials and forms should be at least 8' inside footings to allow space for bracing. Use chalk lines to snap wall layouts onto the footings.



Step 2

Place the First Course

Begin with a corner form and continue around the footings until first course is in place. Place reinforcement in the first course according to the specifications (see step 4). Start subsequent courses at the same corner as the first course, proceeding in the same direction.



Step 3

Check Level and Square

After the second course, check for level and square as per plan dimensions. If footings are out of level, adjust by spot trimming the bottom of the first course at high spots. Once forms are level and straightened to chalk lines, glue down to the footing using low-expansion foam.



Step 4

Reinforcement

Place horizontal reinforcing steel in the web slots, maintaining proper overlapping splice lengths. Once the second course is in place and reinforced, install form lock. Install vertical reinforcing after all courses and horizontal reinforcement have been placed.

Easy to Install

LOGIX forms are the most builder-friendly ICF forms on the market. Our thicker, more solid 2 3/4" foam panels are standard on every form we make. This creates the strongest block available to enable the building of straight walls quickly and easily. Please see our website or ask us about more information on our quick, simple LOGIX approach to better building.



Step 5

Install Window and Door Bucks/Service Penetrations

Window and door bucks are installed as the wall takes shape to hold back the concrete and provide a fastening surface for windows, doors and trim. Reinforce door and window openings per design specifications. Make wall penetrations for utility or mechanical entry and exit points. Install appropriate plastic or metal sleeves.



Step 6

Align Walls

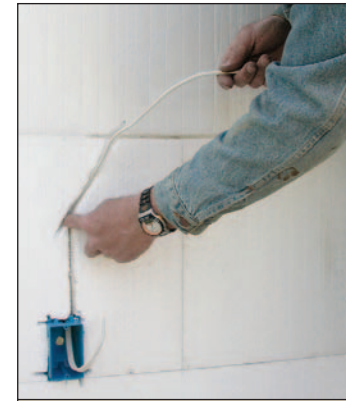
After three or four courses, attach upright steel channels to the LOGIX webs. Attach a turnbuckle arm to each upright and secure to the floor or ground, then insert a scaffold bracket behind the top of each turnbuckle. Place appropriate planks and rails according to safety regulations.



Step 7

Place the Concrete

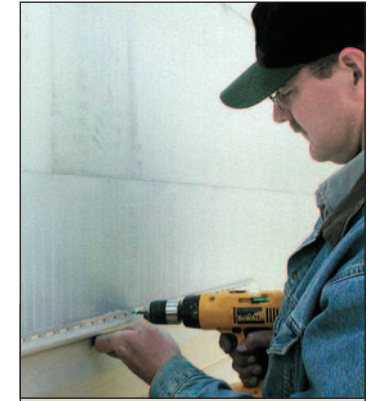
For the concrete placement, we recommend a boom pump and the use of a double 90° or reducers to slow pouring velocity. Concrete should be placed in lift heights according to code and job site conditions. Internally vibrate the concrete after each lift.



Step 8

Install Rough Electrical and Plumbing

Cut openings for electrical boxes and channels for wiring with a hot knife or electric chain saw. Make wire channel depths in accordance with electrical codes. Make plumbing channels in a similar fashion. LOGIX will accommodate pipes up to 1 1/2" with fittings up to 2 1/2".



Step 9

Apply Interior and Exterior Finishes

LOGIX walls take interior coverings like gypsum wallboard, plaster, wood, etc. and exterior coverings like stucco; wood, metal, vinyl or cement fiber siding; brick, stone, log or EIFS. Finish materials can be applied using mechanical fasteners and/or adhesives according to local building codes.



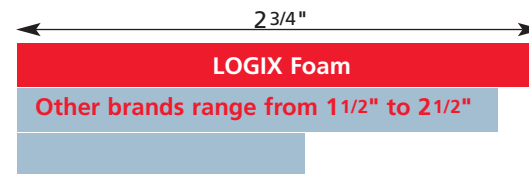
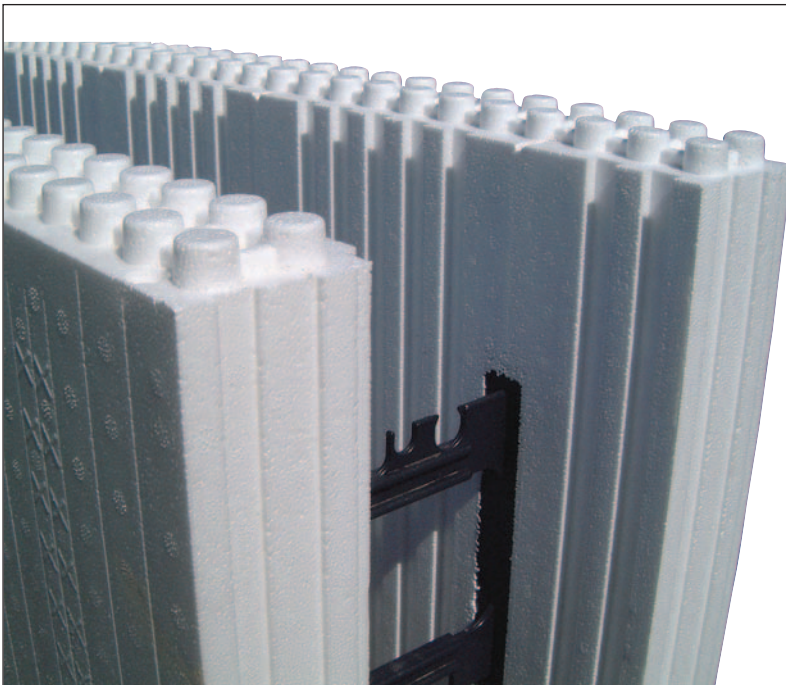
The LOGIX Difference

Solid Blocks

LOGIX forms come in an industry standard 16" height. A variety of forms are available, including brick ledges, one-side taper tops, 4" height adjusters, and end caps. LOGIX is the first to offer half-height versions of its basic forms. Other ICF forms use a variety of foam thicknesses from 1 1/2" to 2 1/2". LOGIX uses 2 3/4" thick foam exclusively in all form sizes. Thicker foam means more insulating power as well as strength, which helps prevent damage during handling and distortion during concrete placement. Walls stay straighter and flatter.

Solid webs

Webs are plastic frames that connect and properly space the two panels of insulating foam. They also hold in place the steel rebar used to strengthen the concrete, and provide attachment surfaces for interior and exterior wall finishes. The location of the web fastening surfaces is clearly defined on the face of the block. These fastening surfaces are among the widest and thickest available anywhere, making it easier for wall subcontractors to attach fasteners when installing finishes. LOGIX webs accept up to #6 rebar that snap into place, eliminating the time-consuming step of tying all rebar.



The LOGIX Advantage

For the Homeowner: Compared to thinner forms, the thicker LOGIX forms reduce heat losses, giving you a higher R-Value. LOGIX not only offers higher energy savings, but also a more comfortable living environment.

For the Builder: The thicker LOGIX forms make them easier to handle and install, resulting in quicker installation on site. They provide straight walls, resulting in higher customer satisfaction and contractor profitability.

Product Specifications

	Feature	Form Cavity Width				Half Form Cavity Width		
		4" (100 mm)	6" (160mm)	8" (200mm)	10" (250mm)	4" (100 mm)	6" (160mm)	8" (200mm)
Standard form	length	48" (1219mm)	48" (1219mm)	48" (1219mm)	48" (1219mm)	48" (1219mm)	48" (1219mm)	48" (1219mm)
	o/a width	9.5" (241mm)	11.75" (298mm)	13.5" (343mm)	15.5" (394mm)	9.5" (241mm)	11.75" (298mm)	13.5" (343mm)
	height	16" (406mm)	16" (406mm)	16" (406mm)	16" (406mm)	8" (203mm)	8" (203mm)	8" (203mm)
90° corner	length (shorter leg)	16.13" (410mm)	16.13" (410mm)	16.13" (410mm)	16.13" (410mm)	16.13" (410mm)	16.13" (410mm)	16.13" (410mm)
	length (longer leg)	32.13" (816mm)	32.13" (816mm)	32.13" (816mm)	32.13" (816mm)	32.13" (816mm)	32.13" (816mm)	32.13" (816mm)
	o/a width	9.5" (241mm)	11.75" (298mm)	13.5" (343mm)	15.5" (394mm)	9.5" (241mm)	11.75" (298mm)	13.5" (343mm)
	height	16" (406mm)	16" (406mm)	16" (406mm)	16" (406mm)	8" (203mm)	8" (203mm)	8" (203mm)
45° corner	outside length	25.5" (648mm)	25.5" (648mm)	25.5" (648mm)	–	25.5" (648mm)	25.5" (648mm)	25.5" (648mm)
	o/a width	9.5" (241mm)	11.75" (298mm)	13.5" (343mm)	–	9.5" (241mm)	11.75" (298mm)	13.5" (343mm)
	height	16" (406mm)	16" (406mm)	16" (406mm)	–	8" (203mm)	8" (203mm)	8" (203mm)
Brick ledge	length	–	48" (1219mm)	48" (1219mm)	48" (1219mm)	–	–	–
	o/a width	–	15.63" (397mm)	17.38" (441mm)	19.38" (491mm)	–	–	–
	height	–	16" (406mm)	16" (406mm)	16" (406mm)	–	–	–
Tapered top	length	–	48" (1219mm)	48" (1219mm)	48" (1219mm)	–	–	–
	o/a width	–	11.75" (298mm)	13.5" (343mm)	15.5" (394mm)	–	–	–
	height	–	16" (406mm)	16" (406mm)	16" (406mm)	–	–	–
End cap	thickness	2.25" (57mm)	2.25" (57mm)	2.25" (57mm)	2.25" (57mm)	–	–	–
	width	4" (102mm)	6.25" (160mm)	8" (200mm)	10" (250mm)	–	–	–
	height	16" (406mm)	16" (406mm)	16" (406mm)	16" (406mm)	–	–	–
Height adjuster	length	24" (610mm)	24" (610mm)	24" (610mm)	24" (609mm)	–	–	–
	thickness	2.75" (70mm)	2.75" (70mm)	2.75" (70mm)	2.75" (70mm)	–	–	–
	height	4" (102mm)	4" (102mm)	4" (102mm)	4" (102mm)	–	–	–

LOGIX ICF Walls are tried, tested and approved for superior performance

Code Approvals:

- ICC-ES Legacy Report No. 6133
- NES Legacy Report No. 679
- CCMC Report No. 13110-R
- Miami-Dade County NOA No. 03-0319.01
- Florida Building Code Approval FL2931
- Los Angeles Research Report No. RR25518
- Wisconsin Building Products Evaluation No. 200266-I
- City of New York MEA – pending
- North Dakota Engineering Approval
- Wisconsin Engineering Approval

Logix has been evaluated to the following testing requirements:

- Meets 3 hour fire rating in accordance with ASTM E119 and CAN/ULC S101; also meets 4 hour fire rating as per the National Building Code and International Building Code
- Flame Spread less than 25 and Smoke Development less than 450 when tested in accordance with ASTM E84, UL 723, UBC 8-1
- Meets requirements of ASTM C578 "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation" as a Type II Thermal Insulation Material
- Polypropylene web material meets CC1 Requirements for plastic materials when tested in accordance with ASTM D1929, D635, and D2843
- Fastener Withdrawal Resistance in accordance with ASTM D1761
- Fastener Lateral Resistance tested in accordance ASTM D1761
- Thermal Resistance (R-Value) in accordance with ASHRAE Fundamentals Handbook 2001
- Room Fire Test Standard for Interior of Foam Plastic Systems in accordance with UBC 26-3
- Crawl Space Evaluation in accordance with ICCES (formerly ICBOES) requirements
- Fire Endurance Test in accordance with UBC 26-3
- For a complete list of tests and details please see the LOGIX Technical Specifications document at www.logixicf.com



All testing and evaluations performed by Intertek Services.



Webs are made entirely of recycled plastic. LOGIX foam panels are entirely recyclable.



For more information

Call toll free **1.888.415.6449**
(1.888.41LOGIX)

or visit **www.logixicf.com**