

**An Innovative Hybrid ICF System
Offering an Ingenious Lineup of Interchangeable
Preformed and Site-Assembled Blocks.**

ElementICF.com

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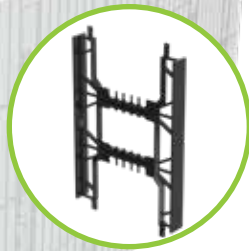
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ELEMENT PREFORMED BLOCKS STANDARDS AND 90 DEGREE CORNERS (6" AND 8" CONCRETE CORES)

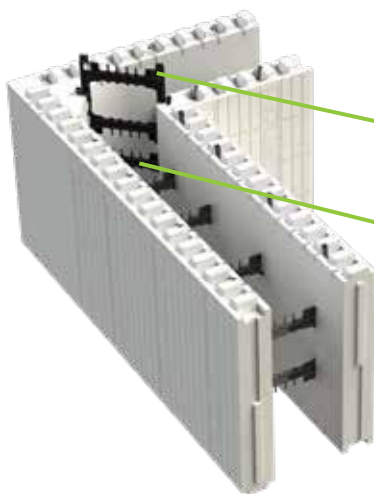
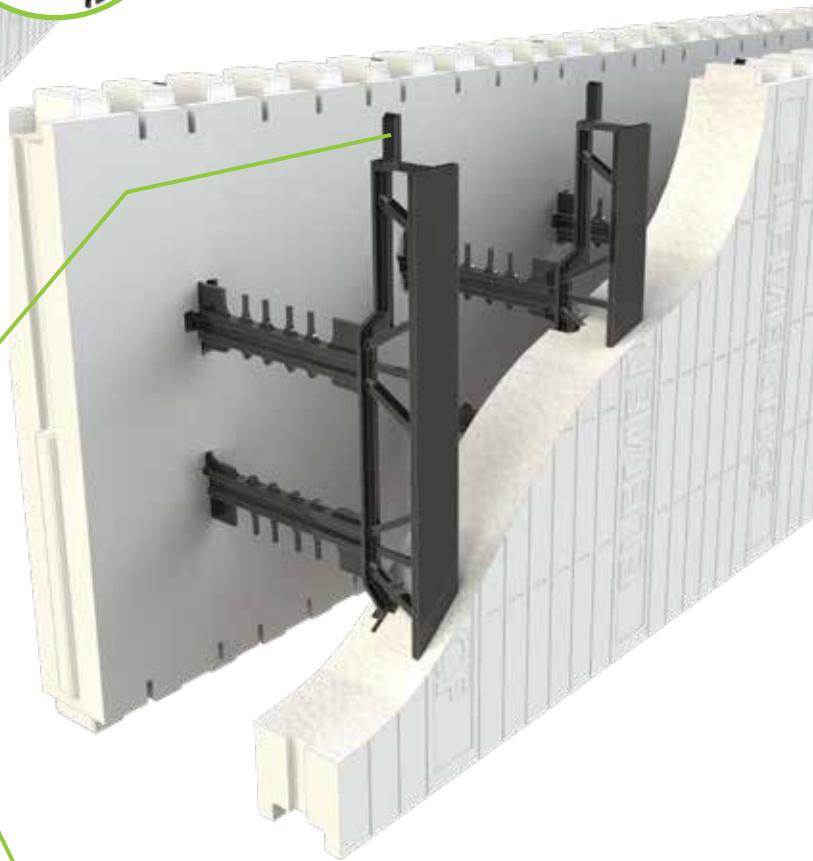


■ ELEMENT'S PREFORMED BLOCKS ARE FULLY INTERCHANGEABLE with site-assembled blocks.



■ THE WEB USED IN ELEMENT'S PREFORMED BLOCKS.

■ PREFORMED BLOCKS HAVE THE ZIP TABS that securely clip the blocks top-to-bottom to minimize lifting and settling.



■ A BRIDGING FLEXTIE will perma-lock two preformed 90 degree corner forms together.

■ REGULAR FLEXTIES are used to provide additional diagonal corner support.

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ELEMENT SITE-ASSEMBLED BLOCKS

(QUICKLY MADE WITH PANELS & FLEXTIES)



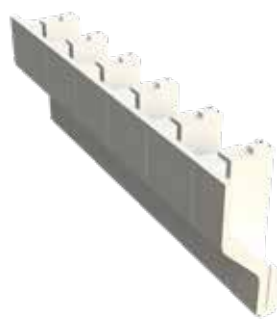
STANDARD



TAPER TOP



BRICK LEDGE



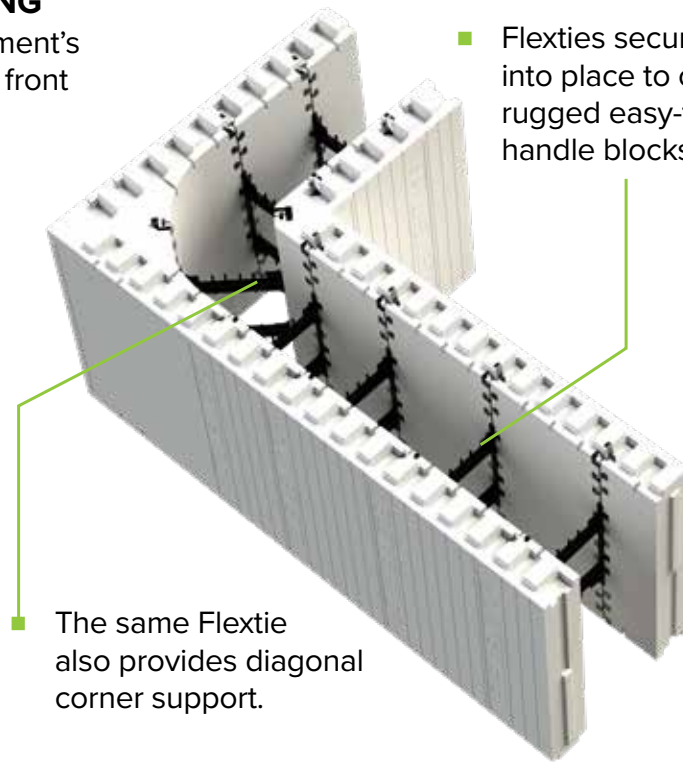
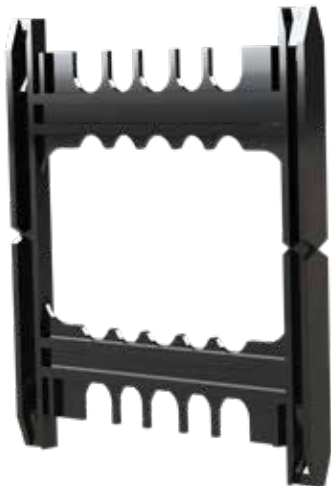
90 DEGREE
CORNER



AND 1 INGENUOUS FLEXTIE™

- **DESIGNED FOR LIGHTNING FAST INSTALLATION,** Element's Flexties have no top, bottom, front or back.

- Flexties securely lock into place to create rugged easy-to-handle blocks.



- The same Flextie also provides diagonal corner support.

SITE-ASSEMBLED 90 DEGREE CORNER BLOCK

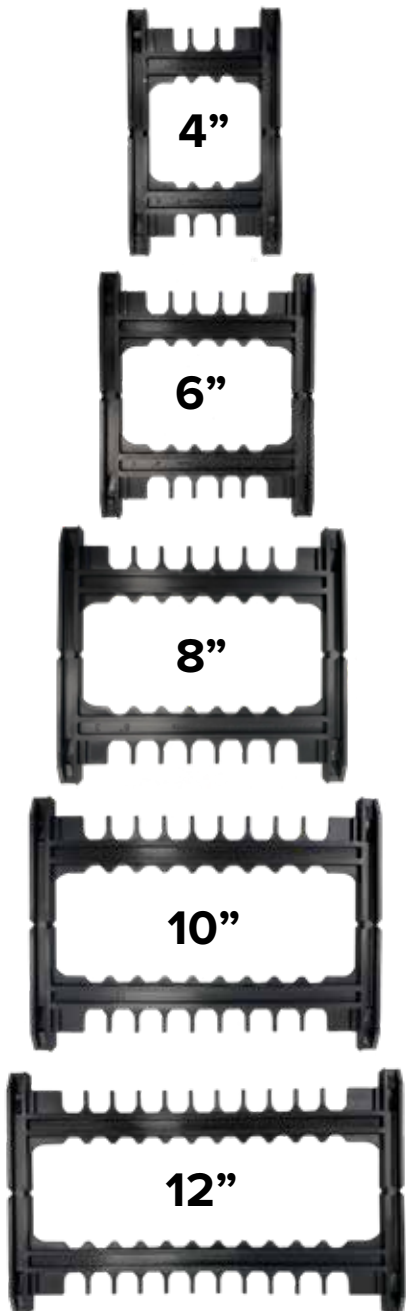
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A WIDE RANGE OF CONCRETE CORE WIDTHS



- FLEXTIES ARE AVAILABLE IN A WIDE RANGE OF CORE WIDTHS.



- SITE-ASSEMBLED BRICK LEDGE, TAPER TOP AND DOUBLE TAPER TOP BLOCKS ARE AVAILABLE IN ALL CORE WIDTHS.

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ROBUST REVERSIBLE INTERLOCK



- **ROBUST & DURABLE INTERLOCK PROVIDES A SNUG EASY FRICTION FIT**

— to minimize movement during concrete placement.

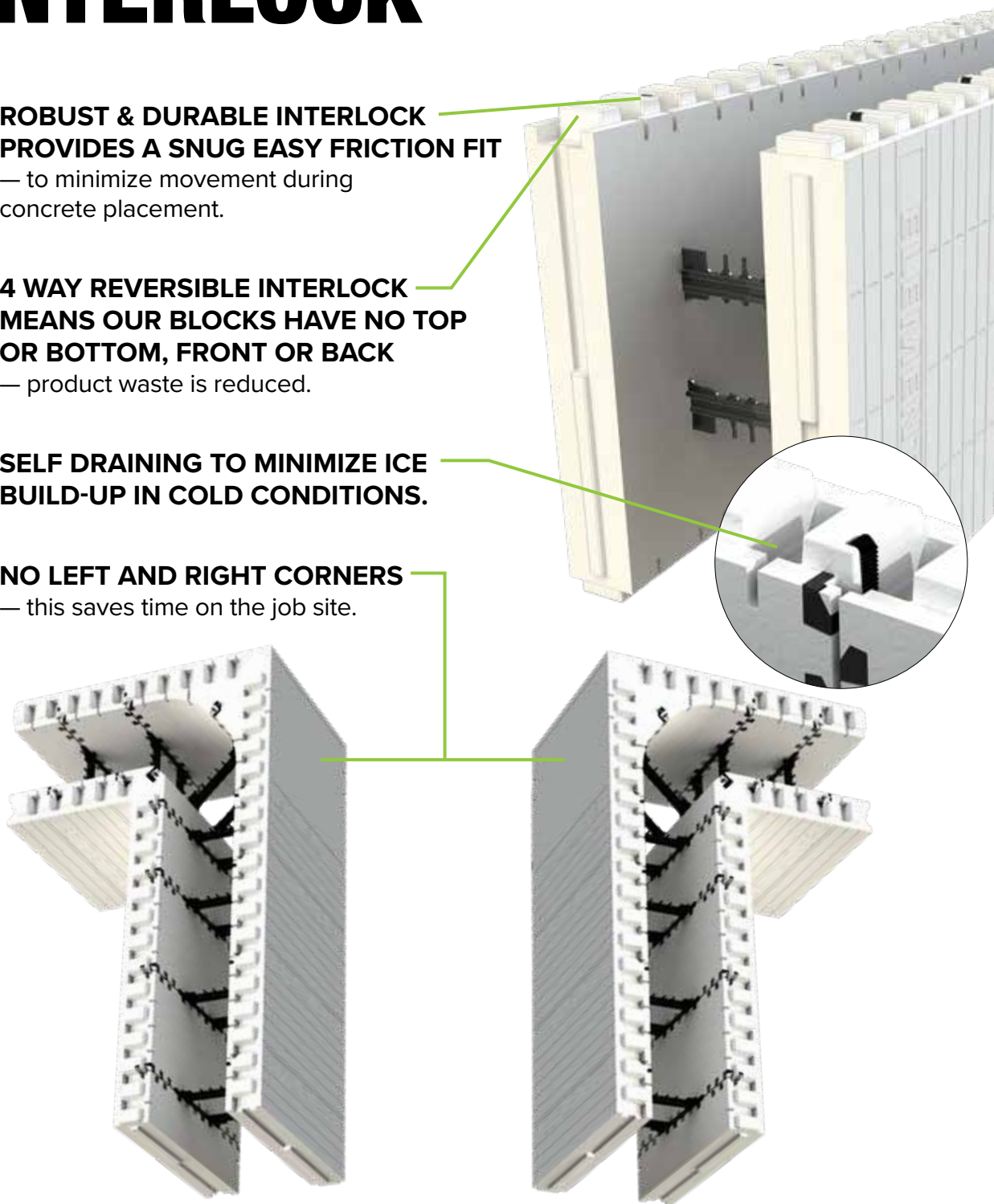
- **4 WAY REVERSIBLE INTERLOCK MEANS OUR BLOCKS HAVE NO TOP OR BOTTOM, FRONT OR BACK**

— product waste is reduced.

- **SELF DRAINING TO MINIMIZE ICE BUILD-UP IN COLD CONDITIONS.**

- **NO LEFT AND RIGHT CORNERS**

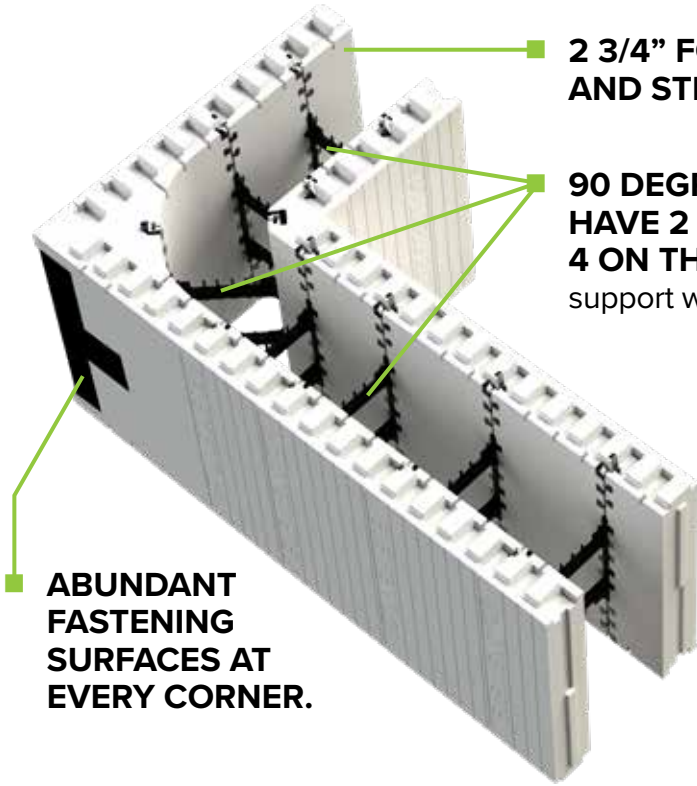
— this saves time on the job site.



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UNMATCHED STRENGTH & STABILITY



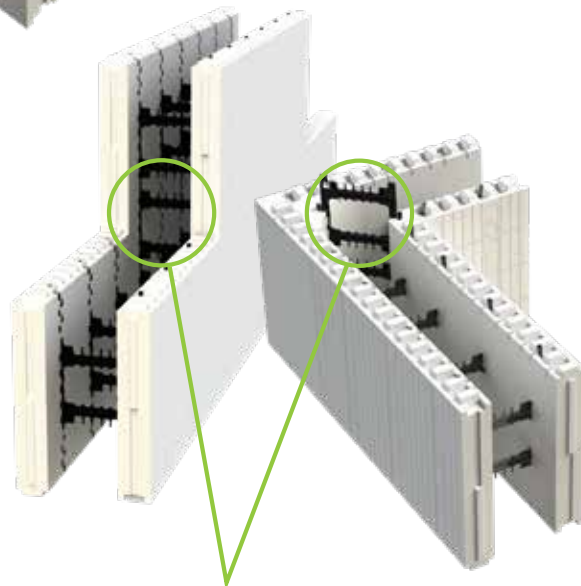
■ **2 3/4" FOAM PANELS ARE THICKER AND STRONGER THAN MOST.**

■ **90 DEGREE CORNER BLOCKS HAVE 2 WEBS ON THE SHORT LEG AND 4 ON THE LONG.** Plus an additional diagonal support web at the intersecting corner.

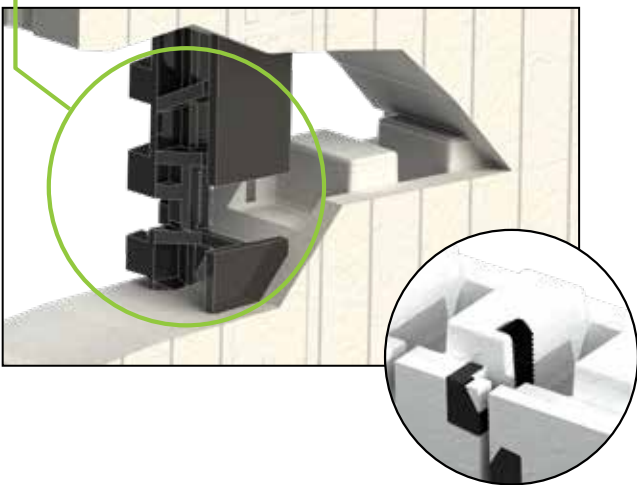
■ **NO ICF 90 CORNER BLOCK OFFERS MORE WEB SUPPORT.** Greatest strength is provided at the corners where it is needed most.

■ **ABUNDANT FASTENING SURFACES AT EVERY CORNER.**

■ **WEBS ALWAYS CLIP TOGETHER** — so no floating or settling occurs during the concrete pour. Plus - the need for wire clips or gluing is reduced!



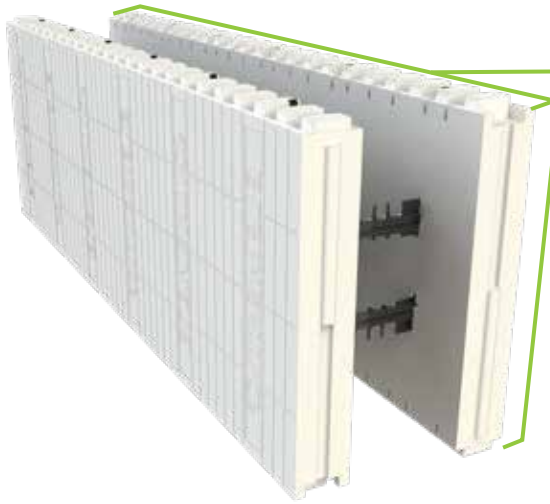
■ **AND WHEN THE NEED FOR ABSOLUTE MAXIMUM STRENGTH IS ESSENTIAL** — a “bridging flextie” placed in the end-locking channels will “perma-lock” one course to the other!



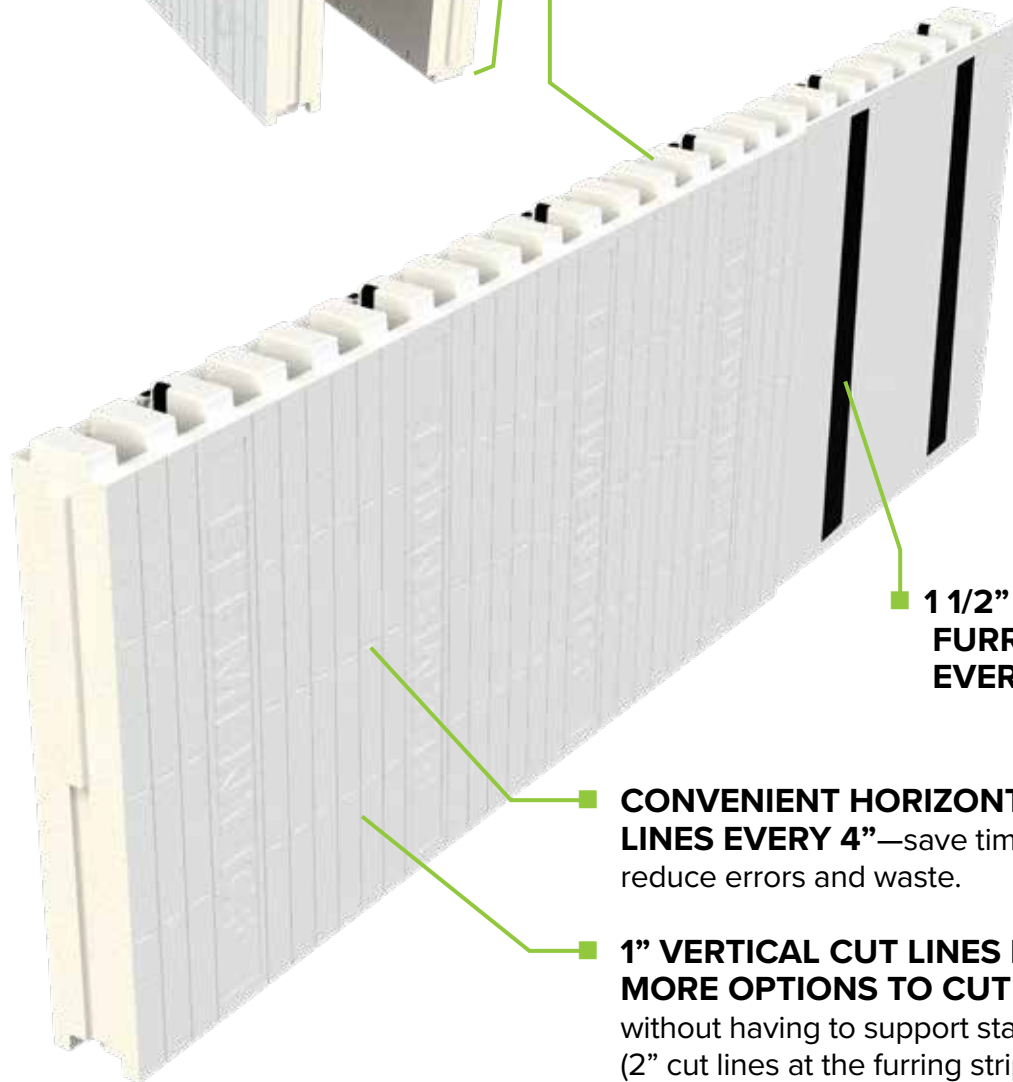
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TRUSTED FUNDAMENTALS



- **4' BLOCK LENGTH** — the optimum length for fast & easy handling & Installation.
- **16" BLOCK HEIGHT** — conforms to accepted industry standards.
- **THICK 2 3/4" FOAM PANELS** — provide added strength and more R-value.



- **1 1/2" WIDE FURRING STRIPS EVERY 8" O/C**

- **CONVENIENT HORIZONTAL CUT LINES EVERY 4"**—save time and reduce errors and waste.
- **1" VERTICAL CUT LINES PROVIDE MORE OPTIONS TO CUT BLOCKS** without having to support stacked seams. (2" cut lines at the furring strips)

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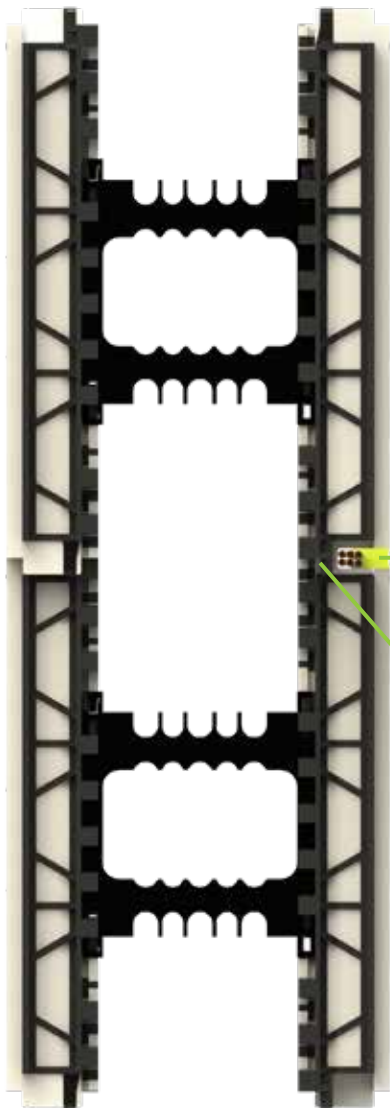
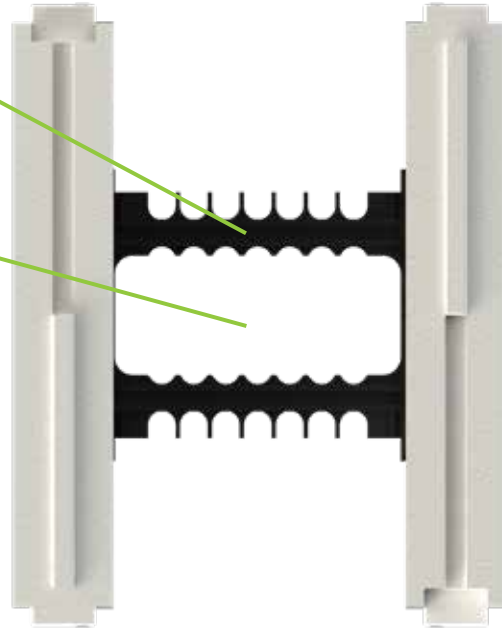


TRUSTED FUNDAMENTALS



■ **RUGGED REBAR HOLDERS**
allow a single crew member to install longer rebar lengths.

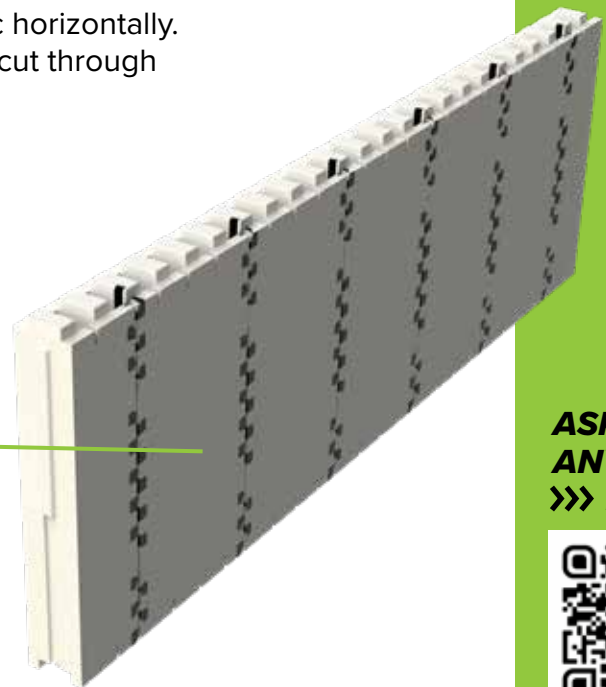
■ **OPEN WEB DESIGN**
optimizes concrete flow and consolidation.



■ **ALL-FOAM WIRE CHASES**
provided every 16" o/c horizontally.
No plastic or metal to cut through to install wiring.

■ **CONTINUOUS WEBS**— No settling

■ **NO GROOVES CUT INTO THE INTERIOR WALLS**
—this preserves system R-value.



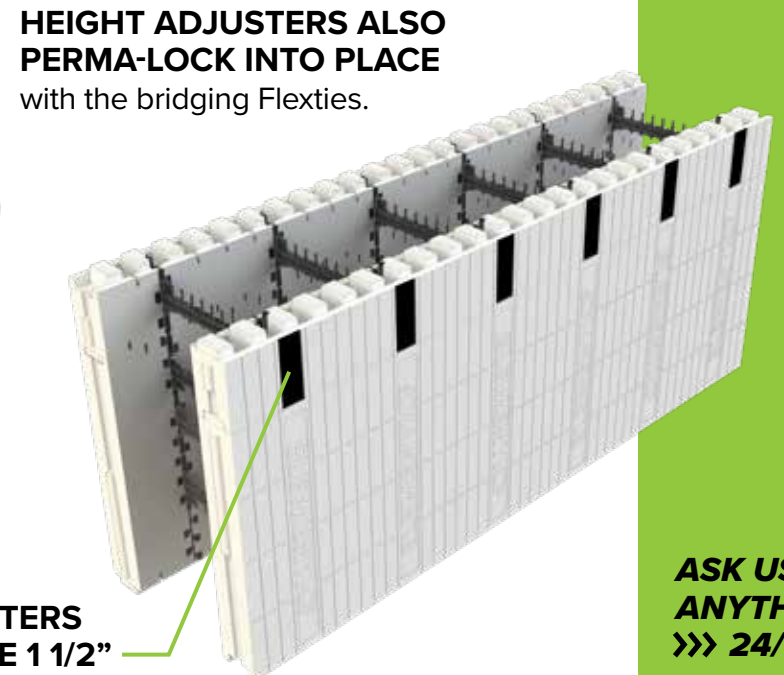
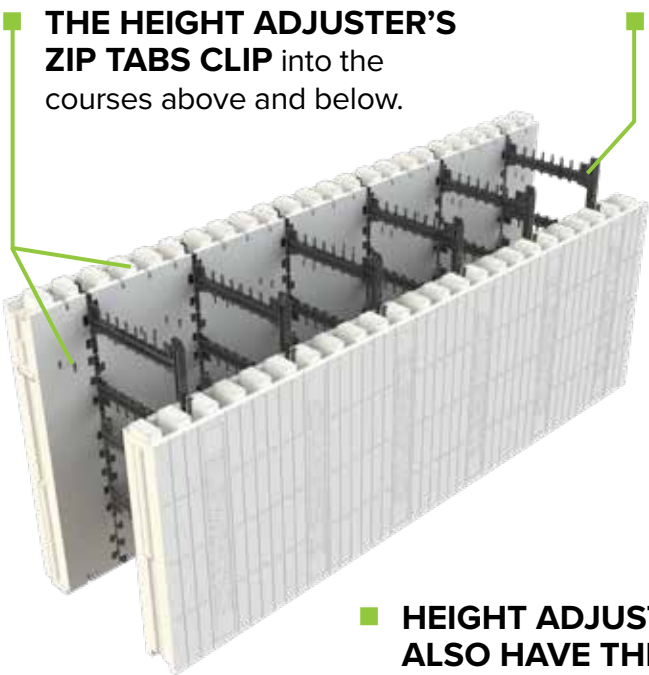
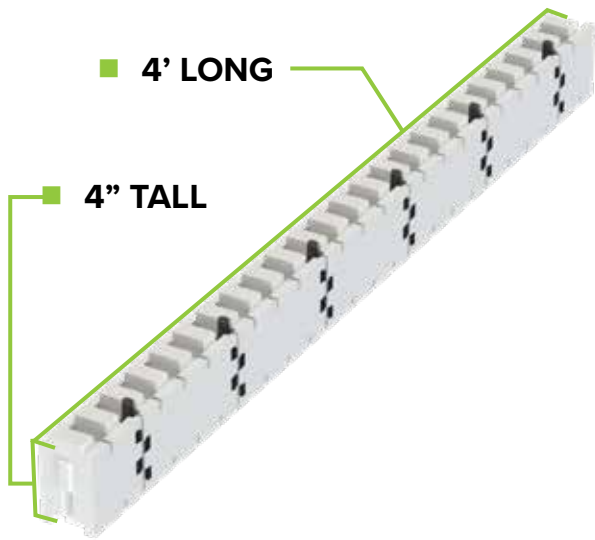
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BUILDING TO 4" HEIGHT INCREMENTS IS SIMPLE



Simply use 4" Height Adjusters.



HEIGHT ADJUSTERS ALSO HAVE THE 1 1/2" FURRING STRIPS.

ALTERNATIVE INSTALLATION TIP - Instead of installing the bridging Flexties, you can snap Flexties in half at the scored center point and cross-brace the opposing height adjusters with the 1/2 Flextie pieces.

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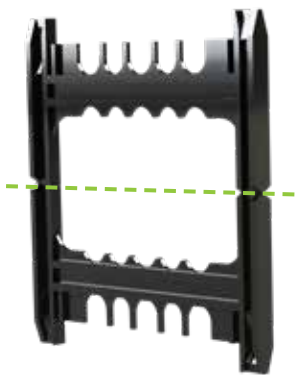


MAKING HALF HEIGHT (8") BLOCKS IS SIMPLE TOO!

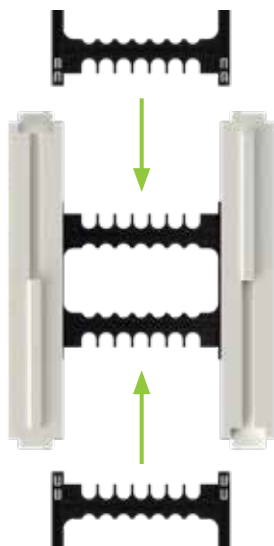


TO CREATE TWO FULLY FUNCTIONAL 8" TALL BLOCKS SIMPLY:

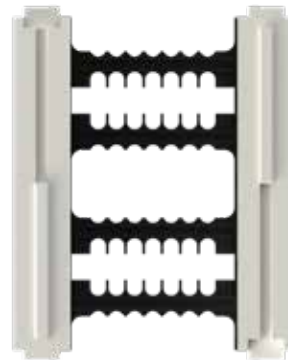
1 Snap Flexties in half at the scored center point.



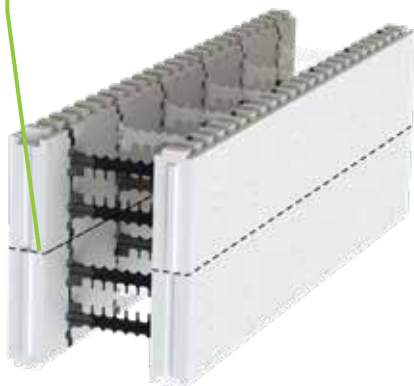
2 Slide an inverted 1/2 Flextie piece into each end locking position in the block.



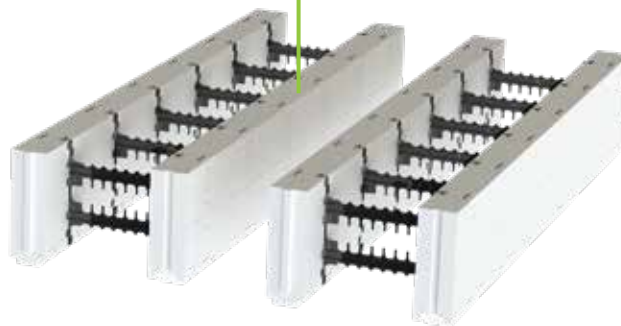
3 The 1/2 Flexties securely lock into place.



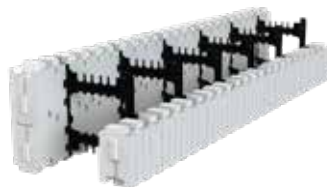
4 Cut the 16" tall block in half along the embossed center cut line.



5 You now have two rugged and fully functional 8" tall blocks with zero waste created.



■ **Alternative Installation Tip** - You can also create an 8" tall block with 4 Height Adjusters and 6 Flexties.



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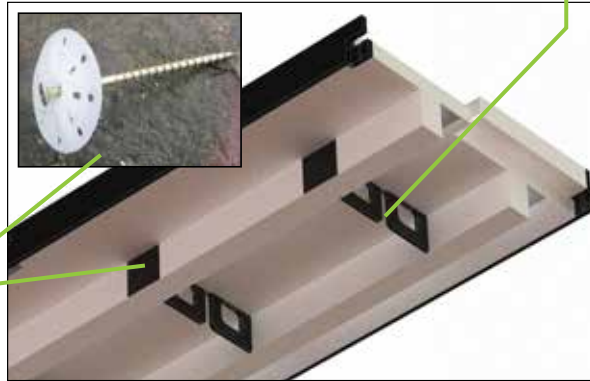


SIMPLIFIED WALL OPENINGS

PRO BUCK™



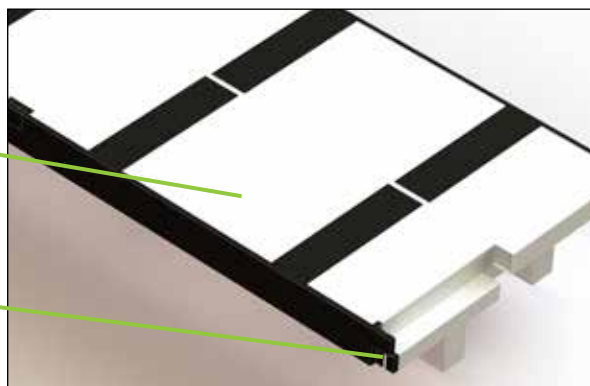
- **EASY, VOID-FREE CONCRETE PLACEMENT UNDER THE OPENING** — foam-only areas for 4" access holes.
- **STRONG, SECURE, RELIABLE FASTENING** — high-strength exposed furring strips.
- **CONCRETE ANCHORS EVERY 8" O/C** — ensure a solid connection to the concrete wall and provide a chair for horizontal rebar placement.



- **FAST PICTURE FRAMING TO THE INTERNAL FLANGES EVERY 8" O/C** — (that do not have to be removed for finishing!)

- **STRONG, DEPENDABLE, INSULATING FOAM** — high-density 2 lb. foam.

- **MINIMAL WASTE** — leftover pieces securely clip together end-to-end, generating minimal waste.

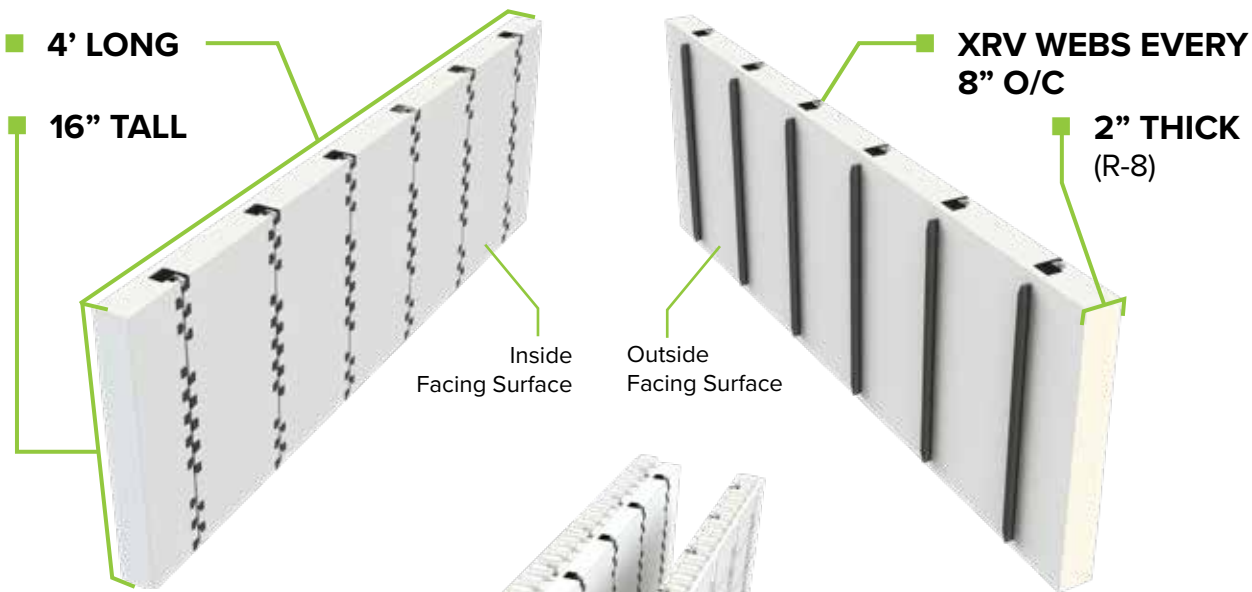


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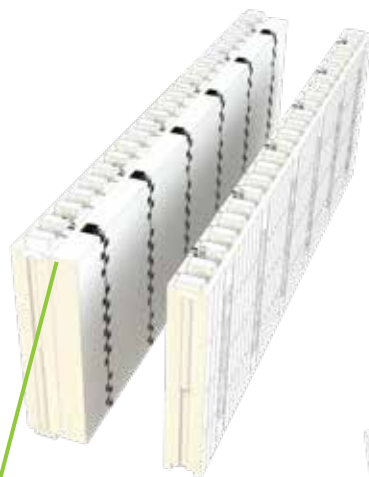
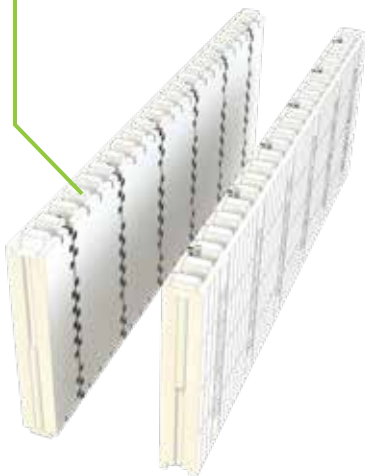


ADD ADDITIONAL R-VALUE WITH XRV™ PANELS

(PATENT PENDING)



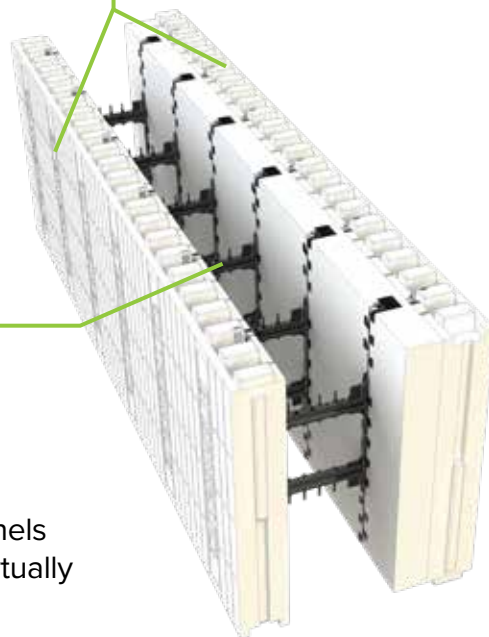
■ START WITH REGULAR STANDARD PANELS



■ XRV™ PANEL LOCKS INTO PLACE (adding additional R-8 R-value)

■ REGULAR FLEXTIES complete the site-assembled XRV™ block.

■ THE FURRING STRIPS always remain just beneath the foam surface for fast and secure fastening of finishes.



■ **ADDITIONAL DESIGN TIP** - Additional XRV™ panels can be locked into place on either side to create virtually unlimited R-value solutions.



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BEST IN CLASS PACKAGING



Many dealers consider ordinary ICFs to be a nuisance product.



**PALLET OF
STANDARD PANELS**

(USED TO MAKE SITE-
ASSEMBLED BLOCKS)

**BUNDLE OF PREFORMED
STANDARD BLOCKS**

ELEMENT ICF OFFERS BEST IN CLASS PACKAGING

- **MOST PRODUCTS ARE PACKAGED** in easy-to-handle color-coded porta-cubes and bags with UV-resistant wrap.
- **THE PORTA-CUBES AND BAGS ARE SKIDDED AND SHRINK-WRAPPED.**
- **EASY-TO-HANDLE UV-PROTECTED CUBES** are shipped on skids and can be stored outside.
- **A SIMPLIFIED SYSTEM** that is easy to understand, explain, price and sell.
- **UP TO 1,296 BLOCK PER FTL.**
- **SHIPS EFFICIENTLY AND SAFELY ON FLATBEDS.**



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WANT TO BUILD A HIGH-PERFORMANCE FOUNDATION, HOME OR BUILDING?

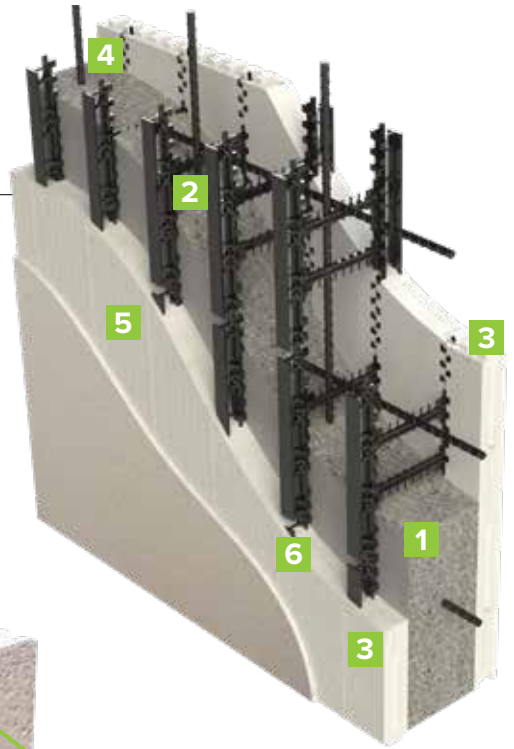
BUILT-IN COST-SAVINGS!

Six construction steps.
One simple package.

- = Less labor
- = Lower construction costs
- = Faster builds

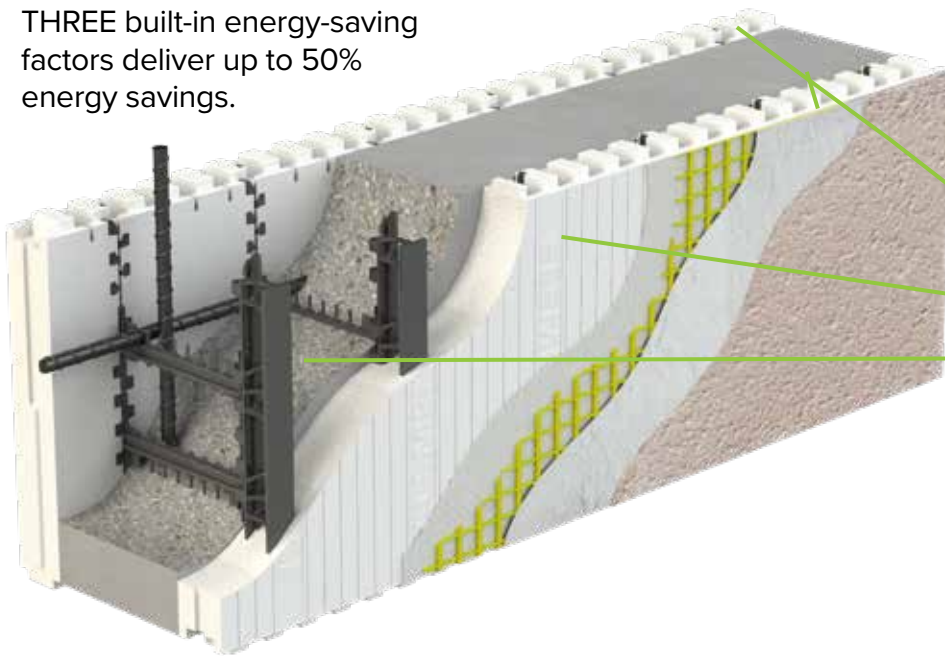
CONSTRUCTION STEPS

- 1 CONCRETE
- 2 STEEL REINFORCEMENT
- 3 INSULATION
- 4 AIR BARRIER
- 5 VAPOR BARRIER
- 6 FURRING STRIPS



BUILT-IN ENERGY-SAVERS!

- THREE built-in energy-saving factors deliver up to 50% energy savings.



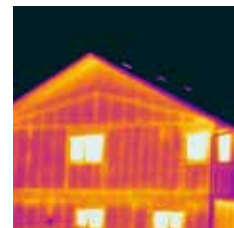
- 1 Two 2.75" thick panels of continuous foam insulation.
- 2 An air-tight wall assembly.
- 3 The temperature moderating thermal mass of concrete.

Typical Wall Assembly R-Value is R-24

Typical Wall Assembly Components:
exterior air film, hollow-backed vinyl siding, 2.75" EPS, 6" concrete, 2.75" EPS, drywall, interior air film.

In a recent lab test, when exposed to a sudden -31°F temperature, an ICF wall allowed the temperature of the interior chamber to maintain at a comfortable 70°F for a full two days without the heat source even turning on once! (With a wood wall the heater turned on almost immediately.)

LEARN MORE!



Thermal image of a conventionally built home.

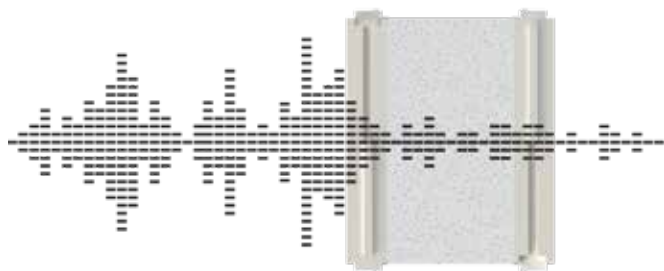
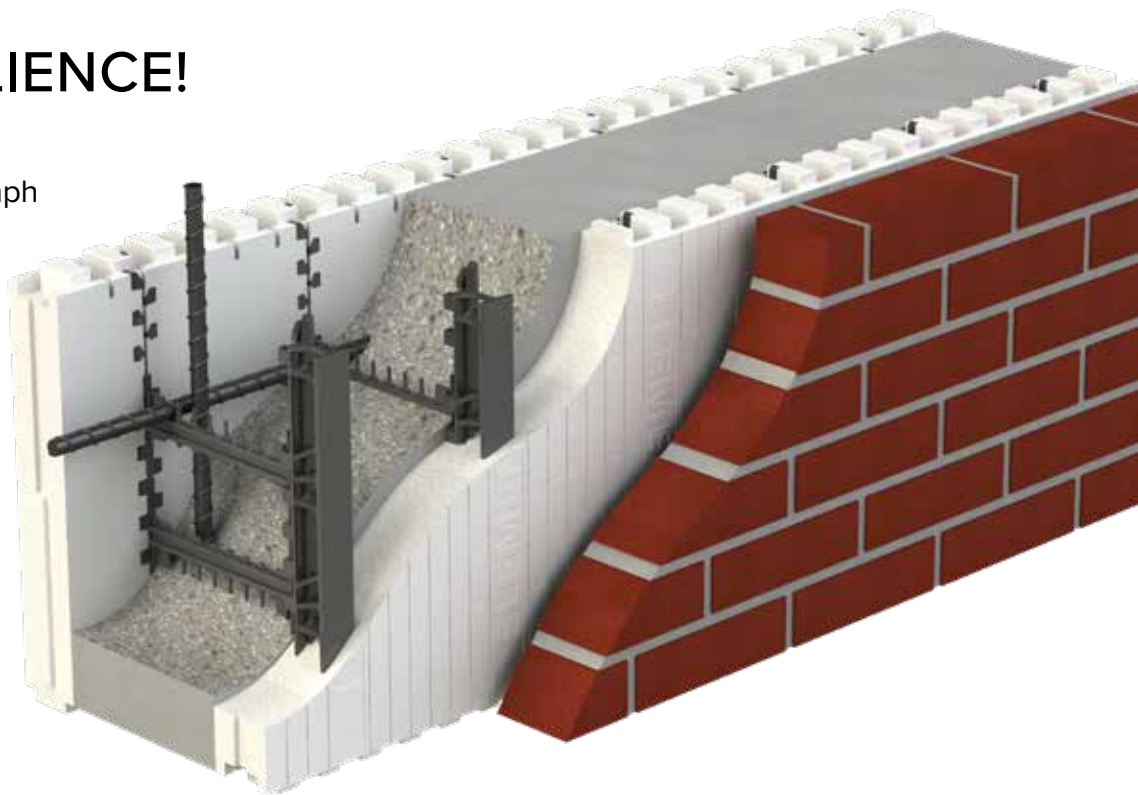


Thermal image of a home built with ICFs.

KEEP IT SIMPLE.™

BUILT-IN RESILIENCE!

- **Wind Protection**
Wind-rated to over 300 mph
- **Fire Protection**
4-hour fire rating
- **Earthquake Protection**
Engineering available for all seismic zones
- **Moisture Protection**
Does not rot!



Outside noise is reduced to a whisper.

BUILT-IN COMFORT!

- Drafts and cold spots in the home are eliminated in northern climates.
- Humidity is easily controlled in warm, moist climates.
- EPS foam and concrete do not off-gas unhealthy, allergy-aggravating emissions.
- No nutrient source exists in the Element ICF wall assembly for unhealthy mold growth.



CONNECT WITH A LOCAL MANUFACTURER

888.838.5038

330 Cain Drive
Haysville, KS 67060-2004

888.453.5961

11581-272 St.
Acheson, AB T7X 6E9

888.706.7709

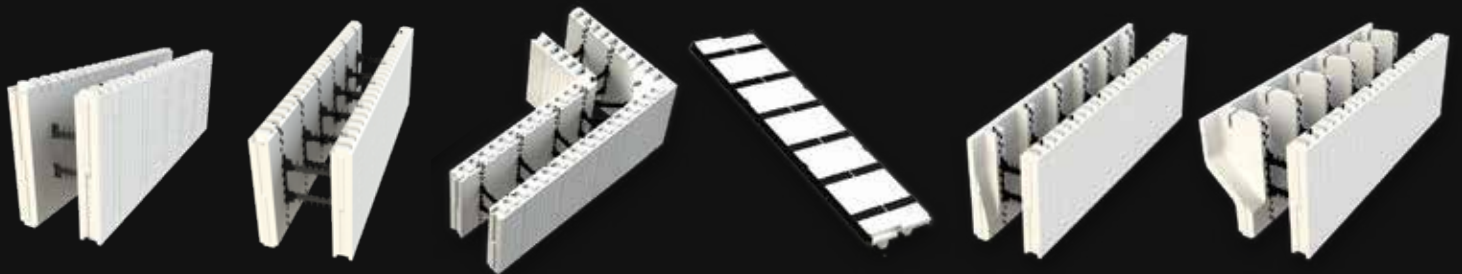
840 Division St.
Cobourg, ON K9A 5V2

888.453.5961

215-44393 Simpson Rd,
Chilliwack, British Columbia
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877.789.7622

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