

ICF KNOCKDOWN FORM

KNOCKDOWN ADVANTAGES

- Commercial ICF block for projects requiring 4" to 12"+ concrete cores.
- Patented strongest ICF web design on 6" centers.
- Build 4"-24"+ walls using optional bridge clip connector.
- Integrate pilasters into ICF walls.
- Create insulated footings and foundations.
- Designed to easily allow 8" horizontal rebar spacing in large commercial projects.
- Tilt up & retrofit insulation applications.
- On-site assembly for integration of pre-set penetrations such as blast proof door and window frames.

BUILDLOCK ICF BENEFITS

- Fully reversible blocks and webs.
- Numbered vertical cut lines every 1-inch and horizontal cut lines every 2-inches.
- Tight interlocking blocks with 100% surface-to-surface connections eliminating costly ties and accessories.
- High-Density Plastic Webs with 2 Extra Heavy Duty Attachment Points (450lb.+ pullout) on each web.
- Form and insulate in one step and use any finish application including BuildBlock Hardwall.
- 4-hour fire rating and low sound transmission.
- Fully integrates with all other BuildBlock ICF Products.



EASY TO TRANSPORT



STRONGEST ICF WEB & 3-AXIS BRIDGE CONNECTION



EASY TO ASSEMBLE

The BuildLock Knockdown ICF System is a high performance knock-down insulating concrete form (ICF) wall system comprised of two separate 2½ inch Expanded Polystyrene (EPS) panels which are connected by strong, high-density plastic webs on 6-inch centers. BuildLock is the strongest knock-down product on the market today.

Each web bridge features 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. The BuildLock Knockdown block exceeds even the superior strength of BuildBlock ICF blocks.

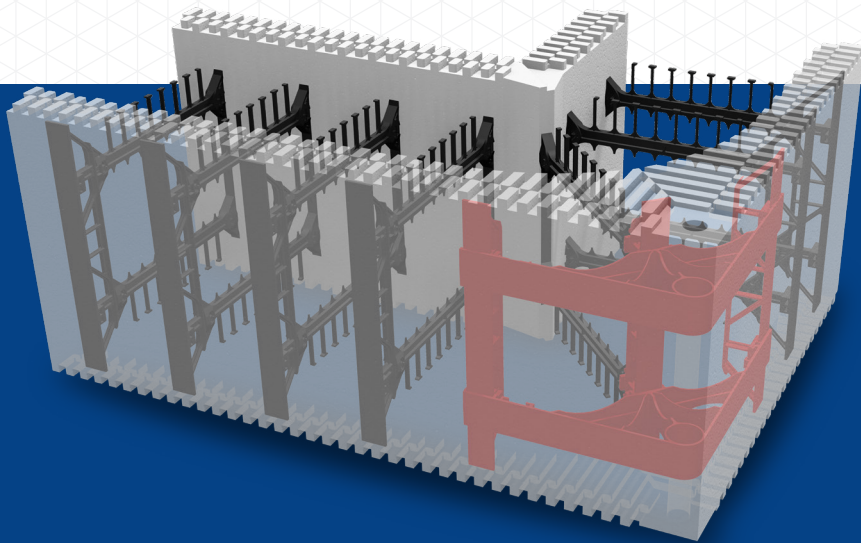
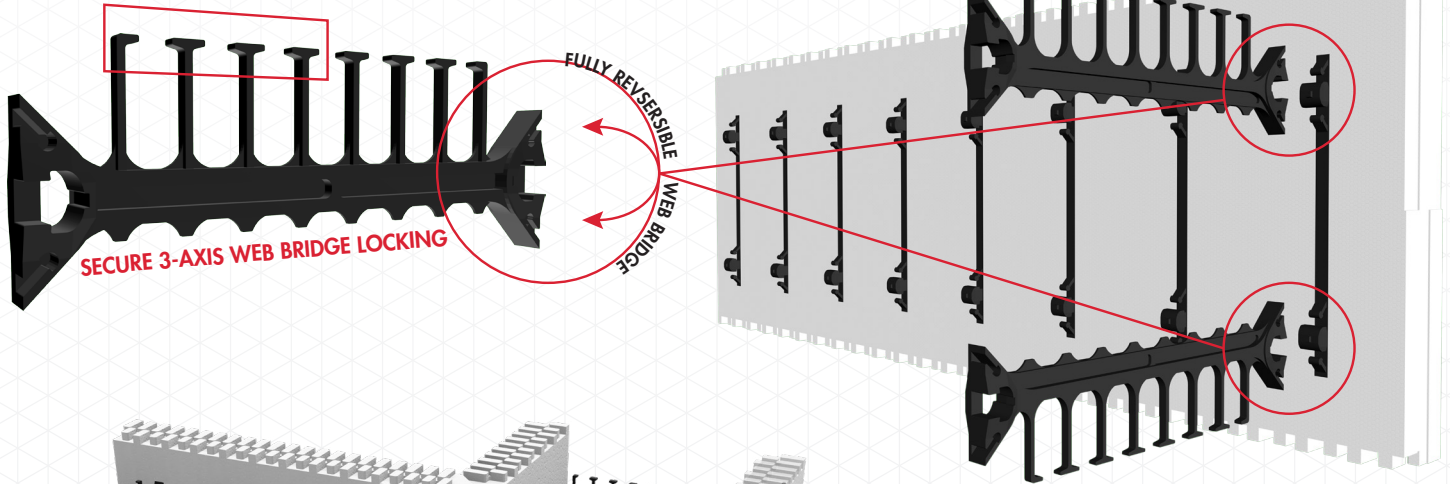
WHY BUILDLOCK KNOCKDOWN

- Available in 4", 6", 8", 10" and 12" core widths.
- BuildLock's patented web is the strongest web on the market.
- Double-reinforced corner webs on 10" and 12" forms for safer pours and more attachment points.
- Expandable core for larger sizes (24"+) with optional bridge connectors.
- Blocks ship flat to reduce shipping costs and increase product storage capacity.
- Larger rebar saddles for multiple rebar sizes.
- Reinforced web flanges for additional strength.
- Simple, quick on-site assembly.
- Completely reversible webs for multiple rebar locations and 8" horizontal spacing.
- Connect multiple webs for special construction needs such as pilasters.
- Use BuildBlock Hardwall to create an ICF wall with bare concrete on one side.



POSITIVE LOCKING REBAR FINGERS

The molded-in rebar fingers securely lock in place two #8 rebar or one #9 rebar virtually eliminating the time-consuming process of tying steel. Webs are fully reversible for multiple rebar locations and placing rebar on 8" horizontal spacing if required.



BUILDBLOCK KNOCKDOWN ICF IS THE BEST CORNER ON THE MARKET

The BuildLock Knockdown ICF Corner is the strongest on the market to ensure worry free pours on thick walls and commercial projects. Fully reversible and longer; the extra length in both directions eliminates the need for additional strapping during installation and concrete pours saving time and labor. The corner web also contains two full vertical webs on 6" spacing with additional horizontal attachment points.

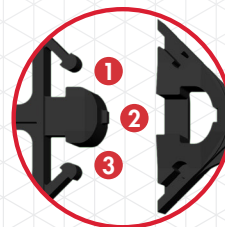
BUILDBLOCK 3-AXIS WEB BRIDGE LOCKING

Prevents racking and provides superior stability and the strongest ICF block on the market.

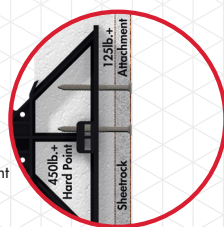
BUILDBLOCK CORNER BLOCK WITH BUILDBLOCK CORNER WEB HIGHLIGHTED

FORM (HEIGHT 16 IN)	CORE	WIDTH	LENGTH EXTERIOR – INTERIOR	RETURN EXTERIOR – INTERIOR	AREA	CONCRETE VOLUME
BuildLock Knockdown Straight	4 in 101.6 mm	9 in 228.6 mm	48 in 1219.2 mm	N/A	5.33 ft ² .4951 m ²	.065844 yd ³ .050341 m ³
	6 in 152.4 mm	11 in 279.4 mm	48 in 1219.2 mm	N/A	5.33 ft ² .4951 m ²	.098765 yd ³ .07551 m ³
	8 in 203.2 mm	13 in 330.2 mm	48 in 1219.2 mm	N/A	5.33 ft ² .4951 m ²	.131687 yd ³ .100682 m ³
	10 in 254 mm	15 in 381 mm	48 in 1219.2 mm	N/A	5.33 ft ² .4951 m ²	.164609 yd ³ .125852 m ³
	12 in 304.8 mm	17 in 431.8 mm	48 in 1219.2 mm	N/A	5.33 ft ² .4951 m ²	.197529 yd ³ .151022 m ³
BuildLock Knockdown 90° Corner	10 in 254 mm	15 in 381 mm	37 in – 22 in 939.8 mm – 558.8 mm	25 in – 10 in 635 mm – 254 mm	6.88 ft ² .6391 m ²	.151444 yd ³ .115787 m ³
	12 in 304.8 mm	17 in 431.8 mm	39 in – 22 in 990.6 mm – 558.8 mm	27 in – 10 in 685.8 mm – 254 mm	7.33 ft ² .6809 m ²	.191408 yd ³ .146341 m ³

NOTE: 4in–8in corners use existing dedicated BuildBlock corners.



The webs serve as furring strips with attachment point pullout strengths of 125lbs. on the full web and 450lbs. on the high-density points.



REBAR FINGERS

Massive web bridges eliminate form racking.

REBAR SADDLES

Increased rebar saddles for larger rebar sizes.

