2026 ICF Industry Comparison Chart

ICF BUILDER

Manufacturer	Contact Info	Manufacturing Locations	Form Name	Form Specs: Dimensions (inches) Length	Height	Core Sizes	Sq. ft. per cu. yd. (6" core)	Wall Type (S)creen (W)affle (F)lat MPB (Modified Post & Beam)	Ties: (P)anel (B)lock (H)inge	(P)lastic (S)teel (E)PS	Spacing (inches)	Performance Data: Fire Rating (Hours)	Sound Attenuation	Sidewall Thickness (inches)	Building Considerations: Height Adjusters	Interlocking	Reversible	Brickledge	T-Blocks	90° Corners	45° Corner	Radius	Taper Top	End Caps	One-Sided Forming	In-Core Foam Inserts	Code Approvals: ICC-ES	CCMC or CAN/ULC-S717.1	Wisconsin	Florida	Miami-Dade	California Building Code	Support: CAD Details	BIM Library	Engineering Support	Training	Installation Help	Comments
Amvic**	(877) 470-9991 www.amvicsystem.com www.alleguard.com	AK, SC, UT, AB, ON, INT'L	Amvic ICF R22	48	16,24	4-12	54	F	B	P	6	3+	50+	2.5	4	Y	Y	Y	Y	Y	Y	M	Y	Y			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Exceptional thermal insulation, innovative reversible interlocking design, resilient, cost-effectiveideal solution for long-lasting, sustainable construction.
			Amvic ICF R30	48	16	6-8	54	F	B	P	8	3+	50+	3.25	4	Y	Y	Y	M	Y	Y	M	Y	Y			Y	Y	Y	Y	Y	Y					
BuildBlock Building Systems **	(866) 222-2575 www.buildblock.com	CA, CO, FL, ID, MD, MO, NC, NY, OH, QC, SD, TX, WI, INT'L	BuildBlock	48	16	4-8	54	F	B	P	6	3-4	54	2.5	M	Y	Y	Y	M	Y	Y	Y&M	Y		Y	1-4+	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Fully reversible forms with full height furring, one-sided forms, and 4-12"+ core widths available Radius forms in 2', 4', 8', 12', 16', 20' arc BuildBuck tested for hurricane performance TAS 201,202,203
			BuildLock	48	16	4-12+	54	F	P	P	6	3-4	54	2.5	M	Y	Y	Y	M	Y	Y	Y&M	Y		Y	1-4+	Y	Y	Y	Y	Y	Y					
Conform Global	(800) 266-3676 www.smartblockicf.com	ID, UT	Smartblock SF10	40	10	6.5	55.5	S	B	E	10	2	52+	1.8		Y		Y	M	M	M	M	M	Y			Y										Allows interlocking different thicknesses at corners
			Smartblock 12VWF	40	12	4-20+	53	F	P	P	4-6	4	56+	2.13		Y		Y	M	M	M	Y	M	Y			Y								Y	Y	
Fox Blocks**	(877) 369-2562 www.foxblocks.com	AK, AL, AZ, CA, CO, FL, ID, MA, MO, NE, PA, SD, TX, UT, AB, MB, NB, QC	Fox Blocks	48	16	4-12	53	F	B	P	8	4	54	2.63	4	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	‡	Y	Y	Y	Y					Extended comers, full height furring strips, reversible interlock
			Fox Blocks Compact	48	16	4-30	53	F	P	P	8	4	54	2.63	4	Y	Y	Y	Y	Y			Y		Y	Y	Y	‡	Y	Y	Y	Y	Y	Y	Y	Y	Field assembled, forms a flat concrete wall. Integrates with the Fox Blocks series. Reveal one-sided removable. 4"-30" core available in 2" increments
IntegraSpec ICF	(800) 382-9102 www.integraspec.com	AK, CA, QC, & INT'L	IntegraSpec ICF	48	12.25	4-12+	54	F	P	P	8	3-4+	57	2.5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Independent panel system
LiteForm Technologies	(800) 551-3313 www.liteform.com	NE, ND, SD, VA	LiteForm ICF	48	16	4-12	53	F	B,H	P	6	4	53	2.5	Y	T&G	N	Y	M	Y	M	M			Y	Y							Y	Y	Y	Y	Y	Continuous furring, compact corner option
Element ICF** By Logix Brands Ltd.	(888) 415-6449 www.elementicf.com	CA, KS, SD, BC, AB, MN, ON	Element Chrome	48	16	4-12+	54	F	P,B	P	8	4+	56	2.75	Y	Y	Y	Y	M	Y	M	M	Y	Y		Y	‡	‡	Y	Y	Y	Y	Y	Y	Y	Y	Identical to Element ICF but made with Graphite Polystyrene for up to 15% more R-value.
			Element ICF	48	16	4-12+	54	F	P,B	P	8	4+	56	2.75	Y	Y	Y	Y	M	Y	M	M	Y	Y	Y	Y	‡	Y	Y	Y	Y	Y	Y	Y	Y	Y	Innovative Hybrid ICF system with interchangeable preformed and site-assembled blocks featuring patented Perma-Lock technology.
Mikey Block Co.	(520) 623-3023 www.mikeyblock.com	AZ, NM, WI	Mikey Block	48	12	N/A	91	S	B	E	12		55	Varies						Y	Y								Y						Y	Y	Cores are 5.5 inches 12" O.C
Nudura** part of Tremco CPG	(866) 468-6299 www.nudura.com	AB, GA,TX,QC	Nudura ICF Series	96	18	4-12+	54	F	H, P	P	8	4	52	2.63	3,12	Y	Y	Y	M	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Widest variety of block shapes, sizes and accessories
			Nudura Plus Series	96	18	4-12+	54	F	H, P	P	8	4	55+	3.63-8.63	3,12	Y	Y	Y	M	Y	Y	M	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y					Achieve higher R-Values
			HercuWall	48	168	3	250	MPB	B	E	8/12	2+	46+	2.5	Y	Y			Y	Y	Y	Y		Y			‡			Y	Y		Y	Y	Y	Y	Y	Delivered as pre-engineered, panelized kit
Polycrete	(800) 570-4313 www.polycreteusa.com	VA, QB, NOR, FR	Polycrete Big Block	96	12,18, 24	5.5-24	56	F	H	S	8	4	54	2.5	Y	Ship-lap		Y	M	M	M	M	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y		Y	Y	Y	Complete factory pre-cut kits Variable height split blocks
Pow-R-Wall	(314) 626-5501 www.powrwall.com	AK, AR, AZ, FL, GA, ID, IN, MN, SC, TN, OK, UT, VA, WA, WI	Contour Wall	16	Any	6	106	MPB	P	P	16		50+	Varies	N/A	N/A	N	Y	Y	Y	Y	Y	Y	M	N	N/A	‡	‡	‡	‡			Y		Y	Y	Y	Engineering stamp provided by project. Panel height cut to length, knock-down system, no specialty ICF bracing needed, increased R value available. 3rd party physically tested.
			Flat Wall	8	Any	6	61	F	P	P	8	2+	50+	Varies	N/A	N/A	Y	Y	Y	Y	Y	Y	Y	M	Y	N/A	‡	‡	‡	‡			Y		Y	Y	Y	
Quad-Lock Building Systems**	(888) 711-5625 www.quadlock.com	BC, GA, ON	Quad-Lock (2")	48	12	4-28+	56	F	P	P	12	4	55+	2.25	M	Y		Y	M	Y	Y	M	M	M		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	ISO 9001 & 14001 certified Strong R-28 ICF Full height furring strips optional
			Quad-Lock Ultra (3")	48	12	4-28+	56	F	P	P	12	4	55+	3.13	M	Y			M	Y	Y	M	M	M		Y	Y	Y		Y	Y						
			Quad-Lock Plus (4")	48	12	4-28+	56	F	P	P	12	4	55+	4.25+	M	Y		Y	M	Y	Y	M	M	M		Y	Y	Y		Y	Y	Y					
ReddiForm	(406) 560-7852 www.reddiform.com	UT, MT	ReddiForm	48	12	6,	80	S	B	E	9.5	2	53		M	Y	Y	M	M	Y	M	M					‡						Y		Y	Y	Y	Continuous horizontal attachment/online estimates
Reddi-Wall Inc.	(586) 752-9161 www.reddi-wall.com	MI	Reddi-Wall	60	12	6	75	S	P,B	E	10	2	55	2.1		Y	Y	Y	M	Y	Y	M	M	Y					Y	Y						Y	Y	
Stronghold ICF	(877) 433-1880 www.strongholdicf.com	ID, OH, SD, AB	Stronghold ICF	48	16	4-12	53	F	P,B,H	P	8	4		2.75	4,8,12	Y	Y	Y	Y	Y	Y	M	Y	Y		Y	‡	Y	Y	Y	Y		Y		Y	Y	Y	Continuous fastening flange, webs lock together, long corner blocks
Superform Products Ltd.**	(877) 627-3555 www.superformicf.ca	AB	Superform	48	12	4-8	48	F	B	P	6	3-4	55	2.75	Y	Y		Y	Y	Y	Y		Y	Y			Y	‡					Y			Y	Y	Virgin polypropylene ties
TF Forming Systems LLC	(920) 309-1856 www.tfsystem.com	AR, FL, IL, MO, WI, INT'L	The Vertical ICF	8	ANY	4-12	56	F	P	P	8	3-4	55+	2-6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	‡	Y	Y	Y	Y	Y	Y	Y	Y	Vertical Orientated, any thickness insulation panels, Able to slide panels up and pour through the side of wall at various heights. Precut window and door parts

** Member of the ICF Manufacturers Association

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Y=Yes N=Blank M=Made T&G= Tongue and Groove
N/A= Not Applicable P=Pending

‡ Manufacturer has alternate certification to equal national standards.

ICF BUILDER

Deck Comparison Chart

				Dimensions (inches)			Building Considerations					Performance		Comments
Deck System	Website	Phone	Manufacturer Locations	Width	Length	Beam Pocket	Side Interlock	Shoring	Utility Chases	Rib Material	Furring Strips	Fire Rating (hours)	Sound Attenuation	
Amdeck Pro by Amvic	www.amvicsystem.com	(877) 470-9991	ON	32	24	10	None	8-12'	Y	12, 14, 16 ga. steel	Plastic	P	50	Uses 10" lightweight steel C-channels
Amdeck Eco by Amvic	www.amvicsystem.com	(877) 470-9991	ON	24	96	6, 8, 10	T&G	4'	N	Wood	None	P	P	Uses 2" x 6" dimensional lumber
BuildDeck by BuildBlock	www.buildblock.com	(866) 222-2575	ID, MA, MO	24	24	8-12+	None	2'	Y	None	Steel optional	N/A	55	Simple shoring design Full engineering Clear span to 40'
Insul-Deck	www.insuldeck.com	(800) 475-6720	BC, GA, ON	24	Custom	5-10+	T&G	6'	Y	22 ga. steel	22 ga. steel	2	55	EPS molded around continuous, perforated steel 7-12 1/2" heights w/o Top Hats Top Hats inventor
EPS Deck from Legalett	www.EPSdeck.com	(855) 333-2516	Quebec, Ontario, Alberta	24/48	Custom	4"-14"	T&G	4'-6'	N	Steel	Steel	1.5	46-53	Exposed steel stud ends to lock to concrete Transverse beams supplied for mid-span concrete lock to steel studs Snap Track included for wire mesh support and rebar chairs for beams Engineering available on request
Fortruss by Logix Brands	www.bvrthermal.com	(888) 453-5961	AB,BC	24	120	5.5	Rabbet	7-12'	Y	Steel/ EPS	Steel Jacket	2	Up to 70.4	System includes three integrated component: Beam Forms, Deck Panels, and patented Triple-Chairs for reinforcement support.
LiteDeck WRS	www.litedeck.com	(800) 551-3313	NE	24	96	4-12+	T&G	6'	N	Wood	Wood	1.5	57	Compatible with Top Hats
Nudura Deck WRS/SRS	www.nudura.com	(866) 468-6299	NE	24	96	4-12+	T&G	6'	N	Steel or Wood	Steel or Wood	1.5	57	Compatible with Top Hats

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ICF BUILDER

Alternative ICF Comparison

Manufacturer	Contact Info	Manufacturing Locations	Block Name	Material	Form Specifications: Wall Type (S)creen, (W)affle, (F)lat	Form Specifications: Form Type (B)lock, (P)lank, (V)ertical	Form Specifications: Dimensions: Length (inches)	Thickness (inches)	Height	Column Size (inches)	Weight (lbs)	SF Filled per CY of 6"	Spacing (inches)	Performance: Fire Rating (hours)	Tested R-Value	Building Considerations: Angles: 90° Corners	45° Corners	End Caps	Code Approvals: ICC-ES	CCMC	Comments
Eco-Building Systems (The Perfect Block)	www.theperfectblock.com, 888-623-4223	AZ	Perfect Block	Cement-EPS Blend	S	B	48	6-10+	12"	6	25-45	.85-1.13	12	4+	23-45	Y	M	Y	Y		Jamaica, LA Approved Design, Take Off, Engineering Available
Earth Friendly Building Materials	www.efbm.com 480-830-5393	AZ	EF Block	Cement-EPS Blend	S	B	60	10	12"	6	40	100	12	4+	23-40	Y	M	Y			12" on center ICF/ ICCF per current IRC Codes. Screen Grid. Design/Take-offs and engineering available
Eterna Building System	www.eternabuildingsystem.com 928-485-0589	AZ	Eterna Block	Cement-EPS Blend	S	B	90	8.5-12	15", 30"	4-6	115-150	90	15	4	20-35	M	M	M			
Rastra	www.rastra.com 480-500-8055	AZ, MX	Rastra	Cement-EPS Blend	S	P	120	6.5-14	15"	4-6	117-175	90	15	4+	20-35	Y	M	M			Since 1972, Take Off and Engineering Support
Nexcem (formerly Durisol)	www.nexcembuild.com 647-494-0088	ON	Nexcem	Wood Fiber-Cement	S	B	24, 36	6-16	12"	3.75-12.5	16-48	81	12	4+	8-36	Y	M	Y	Y		Easily cut and adapted for many variations, proven since 1953
ShelterWorks, Ltd.	www.faswall.com 541-368-7938	OR	Faswall	Wood Fiber-Cement	S	B, P	24, 45	12	8", 12", 24"	5-8	30	81	12	4+	12-28	Y	M	Y	P		Healthy since 1987, with design & engineering support
Nuform Building Technologies	www.nuformdirect.com 877-747-9255	ON	Conform	PVC (Vinyl)	F	V	10	2.5-8	40'+	4, 6, 8		59	6-8	2	22	Y	Y	Y	Y		No other finish needed Insulated forms available ESR-1233
Octaform Systems	www.octaform.com 888-786-6282	BC	Octaform	PVC (Vinyl)	F	V	6	36+	40'+	4-24+	1.35+ lb/sq.ft.	45-65	6	2	24+	Y	Y	Y			Round or straight walls, custom colors
Typical EPS Block				EPS Comparison	F	B	48		16	6	<10	55	6-8	3	24	Y	Y	M	Y	Y	"Typical" ICF Block

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ICF Bracing Comparison Chart

Company Information				Strongback							Turnbuckle								Footplate			Scaffolding				Other		Storage Crate		
Manufacturer	Contact Info	Bracing System	Fold Away Design	Material & Thickness	Length	Extension	Shape	Nesting	Slot Frequency (O.C.)	Connector Type	Material	Finish	Length	Extension Available	Amt of Travel	Crank Mechanism	Strength (lbs)	Thread Protection	Thickness	Size	Holes	Folding?	Compatible with Buck Scf.	Plank Width	Guardrail	Total Weight per unit (lbs)	Wind Rating MPH **(occ./not)	Available?	# of Units	Weight (lbs)
BuildBrace	866-222-2575 www.buildblock.com	Build1	Yes	14ga. Gal Steel	8', 9', 10', 12',14',16', 20', 22', 24', Custom	Y	U	Yes	6"	Retract-able Pin	1.5", 1.75" Square Steel	Zinc Plated & Powder	8'-24'	Yes	6"	Drill Adjuster	2,000	YES	1/4"	6" x 5"	5	Yes	No	22	Optional	54	37/--	Optional	24	1,621
		Build3	No	14ga. Gal Steel	8', 9', 10', 12',14',16', 20', 22', 24', Custom	Y	U	Yes	6"	Retract-able Pin	1.5", 1.75" Square Steel	Zinc Plated & Powder	8'-24'	Yes	6"	Drill Adjuster	2,000	YES	1/4"	6" x 5"	5	No	No	22	Optional	54	37/--	Optional	24	1,621
Giraffe Bracing	877-646-3615 www.giraffebracing.com	Round Tube	No	12' 13 ga. 10' 14 ga. Gal Steel	4', 5', 6, 8' 9',10',12', 15, 16, 18, 20, 22, 24	Yes	Rolled Flared U	Yes	4"	Gravity Pin	2" Tube Steel	Baked Powder Coat	Std. 90"-130" XL 160"-200"	Yes	12"	Dual Handles	2,000	Yes	5/16"	6" x 9"	10	Yes	Yes	22"	Included	70	35/80	Included	20 24	2,000
Hilltop Manufacturing	866-627-7720 www.hilltopmanufacturing.com	Hilltop	No	Aluminum	8', 9', 10', 12'	Yes	U	No	6"	Gravity Pin	1.5" Square Steel	Baked Powder Coat	9'-13'	Yes	13"	Hand	2,000	Yes	1/4"	2.5" x 7"	6	No	No	22"	Optional	40	35/50	Optional	40	2,000
Nudura Alignment System	866-468-6299 www.nudura.com	Round Tube	No	12' 13 ga. 10' 14 ga. Gal Steel	4', 5', 6, 8' 9',10',12',51, 15, 16, 18, 20, 22, 24	Yes	V	Yes	4"	Gravity Pin	2" Tube Steel	Baked Powder Coat	Std. 90"-130" XL 160"-200"	Yes	12"	Handles	2,000	Yes	5/16"	6" x 9"	10	Yes	Yes	22"	Included	70	35/80	Included	20 24	2,000
		Square Tube	No	14 ga. Gal Steel	8', 10', 12'	No	C	Yes	8"	Gravity Pin	2" Square Steel	Baked Powder Coat	9'-12'	No	12"	Handles	2,400	Yes	1/4"	6" x 8"	6	Yes	Yes	22" /30"	Included	70	35/80	Included	20	1,650
Plumwall ICF Bracing	888-928-6676 www.plumwall.com	All-In-One	Yes	14ga. Gal Steel	8', 9', 10', 12',14',16', 20', 22', 24', Custom	Y	U	Yes	6"	Retract-able Pin	1.5", 1.75" Square Steel	Zinc Plated & Powder	8'-24'	Yes	6"	Drill Adjuster	2,000	Yes	1/4"	6" x 5"	5	Yes	No	22	Optional	54	37/--	Optional	24	1,621
		Commercial	No	Gal Steel	8', 16', 24', 32,+	Yes 2', 4'	H	Yes	4 Per Sec.	Retract-able Pin	1.5", 1.75" Square Steel	Zinc Plated & Powder	8', 16', 24', 32'+	Yes	6"	Drill Adjuster	2,000	Yes	1/4"	6" x 5"	5	No	No	22+	Yes	76-430	37+	Yes	Var-ies	1,750
		Plum3	No	14ga. Gal Steel	8', 9', 10', 12',14',16', 20', 22', 24', Custom	Y	U	Yes	6"	Retract-able Pin	1.5", 1.75" Square Steel	Zinc Plated & Powder	8'-24'	Yes	6"	Drill Adjuster	2,000	Yes	1/4"	6" x 5"	5	No	No	22	Optional	54	37/--	Optional	24	1,621
Superior Alignment System	877-525-4466 www.superioralignmentsystems.com	Superior Brace	No	12 ga. Gal. Steel	10'-12'	to 30'	L	Yes	8"	Lock	1.5" Square Steel Tube	Epoxy Powder Coat	7-12'	Yes	12"	Hand	2000	N/A	1/4"	3" x 5"	4	No	No	19	Brackets	43	–	Included	60	2,620
Fab-Form	888-303-3278 www.fab-form.com/zontBracing	ZONT Brace	No	10 ga. Gal. Steel	2 x 4 Wood Stud	NA	Rect-angle	Yes	None	#8 Screw	10 ga. Steel	Zinc Plated	Wood	NA	6"	Drilled	Varies	No	None			Yes	Yes	22"	Lumber	17	37	Yes	Any	10

** Occupied/Not Occupied