



Deck Comparison Chart

Deck System	Website	Phone	Manufacturer Locations	Dimensions (inches)			Building Considerations					Performance			Comments
				Width	Length	Beam Pocket	Side Interlock	Shoring	Utility Chases	Rib Material	Furring Strips	Fire Rating (hours)	Sound Attenuation	R-Value (" panel)	
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	19	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	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	24.5+	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	26	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	Up to 67	Exposed steel stud ends to lock to concrete Transverse beams supplied for midspan concrete lock to steel studs Snap Track included for wire mesh support and rebar chairs for beams Engineering available on request
Fortruss by Beaver Plastics	www.beaverplastics.com	(888)-453-5961	AB, BC	24	120	4.5	Rabbit	10'	N	Steel/ EPS	Steel	1	55+	29	
LiteDeck WRS/SRS by LiteForm	www.litedeck.com	(877)-481-4714	NE, OK, PA, SD, TX, VA, Puerto Rico, Panama	24, 48	96	4-12+	T&G	6'	N	Steel or wood	Steel or wood	1.5	57	26	Compatible with Top Hats

Every effort has been made to ensure this information is complete and accurate at the time of printing. However, this chart is not adequate for the purposes of making construction decisions. ICF Builder Magazine is not liable for any errors or omissions in the data. Any copying, redistribution or republication of this chart, or the content thereof, is strictly prohibited.

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



Alternative ICF Comparison

Manufacturer	Contact Info	Manufacturing Locations	Block Name	Material	Form Specifications									Performance		Building Considerations			Code Approvals		Comments
					Wall Type	Form Type	Dimensions					SF Filled per CY of 6"	Spacing	Fire Rating (Hours)	Tested R-Value	Angles			ICC-ES	CCMC	
							(S) Screen, (W)affle, (F)lat	(B)lock, (P)lank, (V)ertical	Length	Thickness	Height					Column Size	Weight	90° Corners			
Eco-Building Systems (The Perfect Block)	www.theperfectblock.com, 888-623-4223	AZ	Perfect Block	Cement-EPS Blend	S	B	48	6-10+	12	4, 6	25-45	118	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	90	12	4	21	M	M	M			12" on center ICF per IRC 2018- Screen Grid Design take-offs and engineering available
Eterna Building System	www.eter nabuildingsystem.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+	21-25.5	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	to 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		to 30'	4-24+		45-65	6	2	22	Y	Y	Y	P	P	Gray, white, or tan color
Typical EPS Block				EPS Comparison	F	B	48		16	6	<10	55	6-8	3	24	Y	Y	M	Y	Y	"Typical" ICF Block

Every effort has been made to ensure this information is complete and accurate at the time of printing. However, this chart is not adequate for the purposes of making construction decisions. ICF Builder Magazine is not liable for any errors or omissions in the data. Any copying, redistribution or republication of this chart, or the content thereof, is strictly prohibited.

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



ICF Bracing Comparison Chart

Company Information			Fold Away Design	Strongback						Turnbuckle							Footplate			Scaffolding				Other		Storage Crate				
Manufacturer	Contact Info	Bracing System		Material & Thickness	Length	Extension	Shape	Nesting	Slot Frequency (O.C.)	Connector Type	Material	Finish	Length	Extension Available	Amt of Travel	Crank Mech	Strength (lbs)	Thread Protection	Thickness	Size	Holes	Folding?	Compatible with Buck Sof.	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"	Retractable Pin	1.5", 1.75" Square Steel	Zinc Plated	8'-24'	Yes	6"	Drill or Hand	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"	Retractable Pin	1.5", 1.75" Square Steel	Zinc Plated	8'-24'	Yes	6"	Drill or Hand	2,000	YES	1/4"	6" x 5"	5	No	No	22	Optional	54	37/--	Optional	24	1,621
Giraffe Bracing	888-778-2285 www.giraffebracing.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
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
Reechcraft	888-600-6160 www.reechcraft.com	Panel Jack Pro	No	Aluminum or Steel	8', 9', 10', 12', 16', 18', 20', 24'	2, 4	U	No	6"	Gravity Pin	1.5", 2.25" Square Steel	Baked Powder Coat	7'-11', 12'-24'	Yes	8"	Handles	2,000	No	1/4"	6" x 8"	4	No	No	22	Optional	35-48, 89-111	7/40	Optional	20	1,225
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"	Retractable Pin	1.5", 1.75" Square Steel	Zinc Plated	8'-24'	Yes	6"	Drill or Hand	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.	Retractable Pin	1.5", 1.75" Square Steel	Zinc Plated	8', 16', 24', 32'+	Yes	6"	Drill or Hand	2,000	Yes	1/4"	6" x 5"	5	No	No	22	Yes	76-430	37+	Yes	Varies	1,750
		Plum3	No	14ga. Gal Steel	8', 9', 10', 12', 14', 16', 20', 22', 24', Custom	Y	U	Yes	6"	Retractable Pin	1.5", 1.75" Square Steel	Zinc Plated	8'-24'	Yes	6"	Drill or Hand	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