

THINKING OUTSIDE THE



“THINKING OUTSIDE THE BOX” is what we call the ability of visionaries throughout history to challenge the way it has always been done, and in doing so, enable us to advance in all aspects of life. Every day we reap these benefits brought on by so many great inventions and advanced technologies. Each generation has accepted easier and more comfortable living as the norm - no longer getting around on horses, or hunting and eating wild food, not carving stones as tools, or using telephone booths.

“THINKING OUTSIDE THE BLOCKS” is the visionary way that **Integra^{SPEC}** has created a COMPLETE AND UNRESTRICTED ICF (insulating concrete form) BUILDING SYSTEM. Outlined below are some of the “DID YOU KNOW?” advantages, benefits, and, of course the remarkable flexibility that **Integra^{SPEC}** offers “Outside the Blocks” of all other ICF systems.

-  **Integra^{SPEC}** ICF is a patented, six-way interlocking, independent ICF system that is reversible, bi-directional, and perfectly perpendicular while being the strongest and most versatile interlocking form on the market;
-  **Integra^{SPEC}** independent panels weren't developed as a masonry product concept – their flexibility allows you to free form any wall shape, at any size, and without restrictions. This allows the creation of areas of thicker concrete anywhere within the wall and / or columns;
-  **Integra^{SPEC}** invented “Flippable and Reversible”; no left or right sides or corners; corners are completely reversible, and also independent from each other side (outside and inside);
-  **Integra^{SPEC}** requires 65% less shipping and 80% less inventory and storage than most other ICFs;
-  **Integra^{SPEC}** UV protected bundles are easy to handle, manage, inventory, transport, and store;
-  **Integra^{SPEC}** does not ship air; by shipping flat panels we can ship up to 7,200 ft² [669 m²] of wall in a 53 ft [16 m] transport trailer and up to 5,200 ft² [483 m²] per 40 ft [12 m] highboy shipping container;
-  **Integra^{SPEC}** creates very little or, in many cases, no waste at all as every little piece is usable. Panels, inserts, and spacers are all made of polystyrene so any waste can be sent back to the factory to be 100% recycled (which makes a zero cycle and adds to LEED points);
-  **Integra^{SPEC}** standard panels and spacers truly do it all: footings, walls (straight, angled, tapered, and radius), columns / piers, gables, floor / roof form edges, bucks at openings, under slab insulation, all concrete core sizes, retrofit drywall-ready insulation on conventional walls, etcetera – our only limitation is your imagination;
-  **Integra^{SPEC}** locking spacers come in various concrete core sizes; combined with **Integra^{SPEC}** H-clips they can be used to create wider concrete walls of any size, including columns, footings, piers, etcetera;
-  **Integra^{SPEC}** spacers also snap apart into two equal pieces, simplifying cutting forms and for determining various horizontal reinforcing steel placement options; plastic spacers and inserts are all made with 100% reprocessed / recycled polystyrene material;
-  **Integra^{SPEC}** provides more horizontal reinforcing steel placement and incremental options to meet seismic and engineering specifications of 6" [152 mm], 12" [305 mm], 18" [457 mm], 24" [610 mm], etcetera;
-  **Integra^{SPEC}** walls can be erected one side at a time to allow for easy placement of complex reinforcing steel / stirrups within the walls / columns, and / or allow for Exposed Concrete Face (ECF);
-  **Integra^{SPEC}** makes it easy to assemble panels around existing extended vertical reinforcing steel and / or columns without having to cut forms or thread blocks over the reinforcing steel, HSS steel columns, or posts;
-  **Integra^{SPEC}** High Impact Polystyrene (HIPS) plastic inserts are bonded / fused within the **Integra^{SPEC}** Expanded Polystyrene (EPS) foam panels, making **Integra^{SPEC}** the strongest ICF system on the market;
-  **Integra^{SPEC}** has the fastest ICF pouring rate performance with high slump / self leveling concrete mix, which eliminates voids, cold joints, and honeycombs;

*Think Outside the Blocks - Build with **Integra^{SPEC}**, the “I” in ICF*

The **Integra^{SPEC}** Difference (continued)

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-  **Integra^{SPEC}** walls can be poured in lifts of 10 ft [3.05 m] in a single pass;
-  **Integra^{SPEC}** has no form compaction, form float, or form displacement when pouring;
-  **Integra^{SPEC}** has a faster learning curve than other ICFs with no taping, gluing, strapping, or the need for any metal clips to keep **Integra^{SPEC}** from shifting, lifting, compressing, or blowing apart;
-  **Integra^{SPEC}** panels are easier to handle and assemble from the ground up and when working on the ICF scaffold platform;
-  **Integra^{SPEC}** form height is 12¼" [311 mm] interlocked; the form dimensions are more suited to building standards, engineering and building design, and opening sizes;
-  **Integra^{SPEC}** panels have incorporated dovetailed grooves for permanent bonding with concrete and also for insertion of IntegraBucks to form openings and buttress walls;
-  **Integra^{SPEC}** is drywall ready with clearly marked, imbedded vertical studs at every 8" [203 mm];
-  **Integra^{SPEC}** slide-in spacers make each side of the **Integra^{SPEC}** forms completely independent and much more flexible and versatile - panels can be up, down, left, or right from opposite side;
-  **Integra^{SPEC}** panels are easier to cut with hand, table and / or mitering saws; they are easier to scribe and carve to suit rock or uneven surfaces (no steel pin or plastic webs to cut, shear, or break off);
-  **Integra^{SPEC}** panels are easier to assembled around specific wall heights, openings, short corners, steps, gables, multi-level buildings, and / or slab / roof wall transitions with little to no waste;
-  **Integra^{SPEC}** makes it easy to make corrections and / or add reinforcing steel in already built walls without the need to dismantle a whole section; simply slide up and remove the panels on one side of the wall, make the modifications and then slide the panels back in place;
-  **Integra^{SPEC}** horizontally cut panels have continuous plastic inserts into which web / spacers (halves or parts of) can be inserted, eliminating need for strapping, bracing, taping, or tie-wiring forms together;
-  **Integra^{SPEC}** does not require gaps above openings to allow for form compression;
-  **Integra^{SPEC}** Exposed Concrete Face (ECF) on one side of wall is intended for easy application when required, such as for elevator shafts, staircases, parking garages, chemical rooms, etcetera;
-  **Integra^{SPEC}** walls are much easier to align and keep straight during the pour;
-  **Integra^{SPEC}** is the most versatile and flexible for building complex walls of any shape, type, thickness, or odd configuration;
-  **Integra^{SPEC}** makes on site changes easy with different size web / spacers – no need to wait for a new order of specific block concrete core sizes;
-  **Integra^{SPEC}** makes it easy to build columns / piers within the wall or as standalone builds;
-  **Integra^{SPEC}** ICF system provides many more advantages, benefits, and cost reductions versus any other ICF block or panel system;
-  **Integra^{SPEC}** ICF was developed by concrete forming contractors and has collectively more than 100 years of experience in the ICF field - concrete forming, construction, manufacturing, and material supply;

“THINKING OUTSIDE THE BLOCKS” is what makes **Integra^{SPEC}** a TRUE ICF. From conception to completion, with precision and premium results, **Integra^{SPEC}** provides more flexibility to architects / designers in every market. **Integra^{SPEC}** ICF is the optimal building solution for residential, commercial, industrial, agricultural, institutional, recreational, holding tanks, cisterns, retaining / privacy walls, pools, and any other application imaginable. **Integra^{SPEC}** ICF exceeds all ICF Blocks’ building designs, engineering specifications, with none of their installation challenges.

When the time comes to select your ICF partner, remember **Integra^{SPEC}** - the Best of a Better Way to Build.

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