

**Year established:** 1996

**Profile: Phil-Insul Corporation (PIC) / IntegraSpec® ICF**, the only true panellized Insulated Concrete Form Wallsystem, has been created with the input of structural engineers, computer assisted design, and more than 75 years of field experience in residential/commercial concrete forms and the general construction industry. **IntegraSpec® ICF** was developed to address and eliminate the problems encountered by most ICF systems: blowouts, form lift and bulging, compression, alignment problems, wavy walls, etcetera.

The patented multi-directional, “flippable and reversible” **IntegraSpec® ICF** independent panel design dramatically reduces inventory, site waste, installation time, labour, and transportation costs, while delivering a high-end finished product on small or large projects in all markets and construction applications.

Panel interiors are “dovetailed” for proper concrete placement and bonding while the panel exterior is grooved for optimum steel channel placement to meet commercial fire codes. Also, clearly marked 1 $\frac{5}{8}$ " inserts are moulded inside the panels every 8" on-centre, providing studs for interior/exterior finishing, reinforcement against unit bulging, and a connection for webs/spacers.

**IntegraSpec®'s** quality and performance give the builder the edge in delivering a higher end finished product/result while also increasing their profits on large or small projects and in all markets: low-rise and multilevel commercial, industrial, institutional, retrofit, and residential construction. The **IntegraSpec® ICF** system has made a significant change to the construction industry worldwide, giving builders in earthquake and hurricane zones increased confidence in their structures' integrity, and the energy-efficient buildings it produces will assist in meeting Kyoto Accord commitments around the world.

The **IntegraSpec® ICF** system consists of stay-in-place (12.25"H x 48"L x 2.5"D) expanded polystyrene panels, installed on courses and spaced with various sized patented interlocking webs/spacers - available in 4", 5", 6", 8", 10" and 12" widths. Using our unique H-clip, webs/spacers can also be combined in 2" increments for increased concrete core thickness needs. All webs/spacers are designed for fast, snap-in-place rebar placement, providing a choice of steel sizes and quantity. **IntegraSpec®** form units are simply interlocked in courses with quick snap in rebar placement. After the rapid block set up and simple alignment, concrete is poured. The resulting monolithic solid wall structure is complete and ready for exterior/interior finish. **IntegraSpec®** integrates quick and easy form work, structure, insulation, studs/strapping, and vapour/air barriers, into one cost and time efficient building system.

As well, with the addition of 45° corners, 8" commercial corners, and stay-in-place insulated window bucks and headers, we offer a complete product line, including brick-ledge and taper-top units.

There are six major **IntegraSpec®** manufacturing facilities in North America - Kansas City, Kansas; Plymouth, Wisconsin; Uxbridge, Massachusetts; Reno, Nevada; Decatur, Alabama; and Quebec City, Quebec.

**Product:** Insulating Concrete Forms (ICF) / Building System

**Certification/Standards:** approved under ICC (#ESR-1147) and CCMC (12938-R) guidelines.

**Web site:** [www.integraspec.com](http://www.integraspec.com) – toll free (800) 382-9102