

INNOVATIVE HOUSING SOLUTIONS

PANELIZED CONSTRUCTION FACTS

Fast Facts On Panelized Construction:

What is panelized construction?

Panelized construction involves the building of individual walls, or wall sections of a new home (or new section of a remodeled home), in a factory- controlled environment.

Factory-built wall panelizing systems offer added efficiency and quality control...

Traditional "Site-framing" is done outdoors with rough lumber delivered to a job site; Panelized Construction (wall systems and framing) is done indoors, with the added efficiency and quality control provided by computer automation... state-of-the-art fabrication tables, Precisely engineered 18 gauge galvanized steel studs, self tapping screw guns, forklifts, and engineering are used. As each stud is manufactured they are marked with a number code. Those studs are then assembled into individual walls.

The "Open Panel" is the most common panelized system used...

While several types of wall panels are produced, the " open panel" is most common – And it's what we use with our packages. Exterior walls are wrapped with Tvyek moisture barrier, windows and doors are already pre-hung, installed and trimmed out with Hardie-Trim, the Hardie -Panel siding is pre-primed and installed. Having all of the time-consuming construction already completed substantially reduces the need for large job site labor requirements. Interior panels are left open on one side to complete wiring, plumbing, heating/cooling and on-site inspection. An added benefit to " Open frame panels" is that this method is conducive to custom designs and will accommodate on-site change orders issued during construction.

Volume purchasing cuts YOUR end line cost!

Factory building of panelized homes and buildings allows the manufacturer to purchase large volumes of Steel, sheathing, windows and doors any many other materials. Volume purchasing offers significant costs savings as compared to materials purchased for individual "site-framed homes, and this cost efficiency is passed along to the individual home buyer/builder.

www.innovativehousing.net/panelized-advantages.html



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Putting the wall panels together on the job site is made easy...

As each wall section or panel is manufactured, it is marked with number and letter code that corresponds with the individual home plan. This assures accuracy in placement when panels are delivered to the building site and assembled.

The "bottom line" is...

- Panelization is a superb choice for Owner-Builders and private construction or building companies.
- Buyers experience a shorter start-to-finish construction cycle time, with enhanced quality and substantial cost controls - including the opportunity to save on construction loan interest rates.
- Since panelization uses standard "stick-built" frame construction, the home buyer has the freedom to customize the home to their specific needs.
- The impact of material costs, material waste, theft, labor availability, construction errors and the damaging effects of weather is minimized during the construction process of a panelized building system.

The popularity and use of panelized construction has soared nationwide in recent years, and its use in all areas and types of construction is expected to grow even faster in the Twenty First Century.

The Advantages of Factory Built wall panels

- Panelized Construction (wall systems and Framing) are of higher quality and workmanship. Panels are constructed indoors, with the added efficiency and quality control provided by computer automation and state-of-the-art fabrication tables, production equipment and engineering
- Volume Purchasing of steel, windows, doors and other components allows for volume discounts with the savings passed on to YOU!
- Materials are sustained in a factory, computer controlled environment.
- No Seasonal delays and reduced opportunity for weather damage, material waste, or theft
- Panelized Homes allow faster building and home completion! A crew of four can have your home to "Lock up stage" in 10 days or less.
- Reduced On-Site Labor costs
- Reduced Construction Loan costs

