



## Our Building Systems

Cutting Edge Homes offers high performance building systems that save you money on your construction costs and far outperform typical home construction. We help you design a customized system that makes sense for your project. Rather than force-feeding the system that makes us the most money, we analyze each project and make a recommendation to the system that makes the most sense. Please review our building systems options and then get in touch with us for further discussion.

### Savings Bonus

Our customers typically achieve savings of 5-20% or more compared to traditional site-built homes, even though our building systems are superior. Savings will vary according to the location of the project, site conditions, and project design. Our savings result from the efficiency of modern building systems. Savings are both in up-front costs and total building life-cycle costs.

- Bulk and consistent purchasing of materials
- Efficient factory production processes
- More energy efficient, tighter building envelopes
- Project streamlining
- Reduction in on-site labor costs
- Reduction in on-site labor and logistical inefficiencies
- Reduction in weather delays
- Superior products with lower cost of ownership
- Better performance in natural disasters

# SmartModular



A true "Modular" home is an 80% completed home built in a factory to the California Building Code, the same code that applies to site-built homes. Modular homes are always permanently set on a standard, concrete foundation. We can build almost any architectural style with modular construction, allowing for shipping considerations and constraints. These modular buildings are typically finished in about half the time of site-built construction.

Modular homes are built in a controlled environment protected from weather out of the best building materials. Constant quality control checks and third party inspectors ensure that your home is precision built and in compliance with all codes. Modular homes can cost 5-15% less than their site-built counterpart, depending on the costs of construction in your area. These homes can be installed on any lot in California, in any neighborhood, without the possibility of discrimination based on where the home was built, so long as it conforms to the lot requirements.

Modular homes finance and appraise the same as a comparable site-built home, so the only reason not to build with modular construction is if we can't access your site with big modular trucks, or if you have to have an exact plan that can't be built efficiently with modular construction. In that case, please see the next section on our Smart Wall Systems, where you can have any custom plan that you desire built in the factory and shipped to your jobsite.

# Smart Wall Systems

Our wall systems are precision built and allow for faster installation with smaller on-site crews than site-built construction. Our wall systems reduce on-site waste and also result in tighter, more energy efficient homes over site-built houses.

## SmartPanels

Our SmartPanel homes are a fully automated structural framing system built using wood. SmartPanels are the most affordable and most complete wall system that we offer. Within a few short days, your structural shell will be completed.



### Key Benefits:

- No architectural limitations, uses standard wood engineering.
- 2" x 6" exterior walls for a stronger structure.
- Comes with windows factory installed for increased efficiency.
- Drywall can optionally be installed on one side of interior walls.
- Qualifies for "LEED" and "Build it Green" green building points for tight building envelopes, using panel products, using engineered lumber products, low VOC caulks and glues, and having a high percentage of off-site constructed building components.

## SmartSIPs

Our SmartSIPs homes are a structural exterior wall system using environmentally sensitive materials.



### Key Benefits:

- Fast, simple installation. Can use low-cost labor.
- Extremely low energy usage, great for zero energy homes.
- Superior thermal resistance and reduced air leakage.
- Often allows for increased span distances and wall heights.
- Approximately twice the shear value of 2X4 or 2X6 wood framed.
- System naturally reduces noise in home from outside.

## SmartICFs

Our SmartICF homes have superior structural strength and energy performance. ICFs, short for Insulated Concrete Forms, are a structural exterior wall system using light foam blocks to form exterior walls filled with poured concrete.



#### Key Benefits:

- Reduces energy use by providing a well-insulated, airtight system.
- ICF buildings can last for centuries, not decades
- Load bearing & sheer strength up 600% stronger than wood frames.
- Fire rating of walls is 2-4 times that of wood framed walls.
- High resistance to mold, rot, insects, and rust.
- 5-9 times stronger than earthquake code requirements.
- Use of Concrete creates less of an environmental toll than steel or wood.

---

Whatever your needs, please get in touch with us to discuss the specifics of your project. Your Client Services representative has additional information on the benefits of each of these different systems. Once your plans are complete, one of our referred local contractors will be able to provide you with an estimate for the on-site labor using one of our Smart Wall Systems.

We don't prefer one system over the other at Cutting Edge Homes because each project has different local factors that have an effect on efficiency, comfort, and cost. Each of our clients have a unique sense of style, different family needs, and individual budgets. We will help you identify the right building system for your home.

The amount of information and decisions to be made is sometimes overwhelming, but don't worry. We are here for you to help make building *as easy as possible*. Building a home is never easy, but we have a process refined through our years of experience to make it work for you.

Cutting Edge Homes Inc.  
<http://www.cuttingedgehomes.net>  
office line (877) 280-6496  
fax line (877) 740-8585  
270 East Douglas Ave.  
El Cajon, CA 92020