



## Top 10 List: The Benefits and ROI of Building with CFS and TEAM Panels



*Prefinished panels with windows installed accelerate the construction process for this Hilton Garden Inn Hotel on their way to Laramie, Wyoming for installation.*

We are often asked the questions of why build with cold-formed steel and prefabricated panels and trusses. So here are the **Top 10 reasons to build with cold-formed steel and TEAM Panels:**

1. **Schedule**-with prefabricated panels and trusses, the installation time can be about 25% of the time to field build. (1:4 ratio of panel installation : field built construction.) And with our climate-controlled, indoor fabrication shop, the weather is never a factor.
2. **BIM/Pre-Built in the Computer**-call it what you will, but when you "pre-build" in the computer you can eliminate many problems, busts and conflicts. We can eliminate problems in the design phase instead of during a critical time on the job site.
3. **Quality**- we have a documented quality-control process with tight tolerances and inspections. If there are any issues, the designer is only 20 yards away from the fabrication shop. And we use the same materials as traditional field-built methods. We have compression tables and laser projection for jig setup.
4. **Safety**- especially with finished panels, you can eliminate the need for scaffolding, the number one safety issue on the job site. Also, we have found panel installation can be performed by 25% of the manpower of traditional field-built construction.
5. **Green Building**- CFS is both recycled and recyclable. Also, with prefabrication, you can eliminate job site waste. Besides the recycled content points, you could get innovation credits with finished panels. Steel is the new green!

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6. **Insurance**- Starting with **Builder's Risk** Insurance on wood projects, this can be 33 times greater. (Zurich quoted \$1.6 million on a 400-unit multi-family Ohio project for wood and \$320,000 for CFS.) Also, a safer job site can reduce your **Worker's Comp** insurance as well as reduce the number of days on-site. Fewer days spent installing *instead* of building on-site can reduce your Worker's Comp premiums. Simply put, reduce schedule and you reduce risk. For owners, **Property Insurance** on wood vs. CFS structures is almost four times greater. (Sources: Zurich and HRH/Willis.)
7. **Financing and Opportunity Costs**-construction loans carry a higher financing rate or cost so the sooner the project is completed the greater the savings. And to have occupants, tenants, and renters paying sooner than later creates a revenue stream instead of construction costs.
8. **Job Site Constraints/Cleaner Job Sites**-there are often very challenging job sites with little to no staging or laydown areas. Even when there are these staging areas, a cleaner site is a safer, less frustrating site. Proper sequencing of trusses and panels and coordination can overcome this challenging environment.
9. **Design Flexibility**-Panels and trusses can provide a variety of looks-sloped roofs, brick, thin brick, hard coat stucco, EIFS, architectural metal, granite, tile siding with windows installed. Yes, we have done all these panels. Our oldest panel project is tile siding and is over 30 years old.
10. **Non-Combustibility/Durability**-CFS has the highest strength to weight ratio of all building materials-better than wood, better than structural steel and better than concrete. And CFS will not warp, burn, mold or host termites.

For more information and to view TEAM Panels projects, please visit our website:

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