

Spot the Savings With Cold-Formed Steel Framing

Selecting a framing material for a project is one of the most important decisions a builder makes. However, framing only accounts for about 20% of the total cost of construction, so it makes economic sense to frame with a material proven to create durable, reliable structures.

Cold-formed steel framing provides those benefits --- and it can also lead to considerable savings in other areas. See exactly how you can save by exploring the infographic below.

Site security savings

Some regions mandate fire-related security requirements, including 24-hour security guards (which, for one project, added \$6,000 to \$10,000 per month). Because CFS framing is non-combustible, builders can avoid that added site security.

Reduced scaffolding

Panelized farming can reduce or eliminate the need for scaffolding, which can cut costs and open up the job site for follow-on trades.

No risk of dry rot

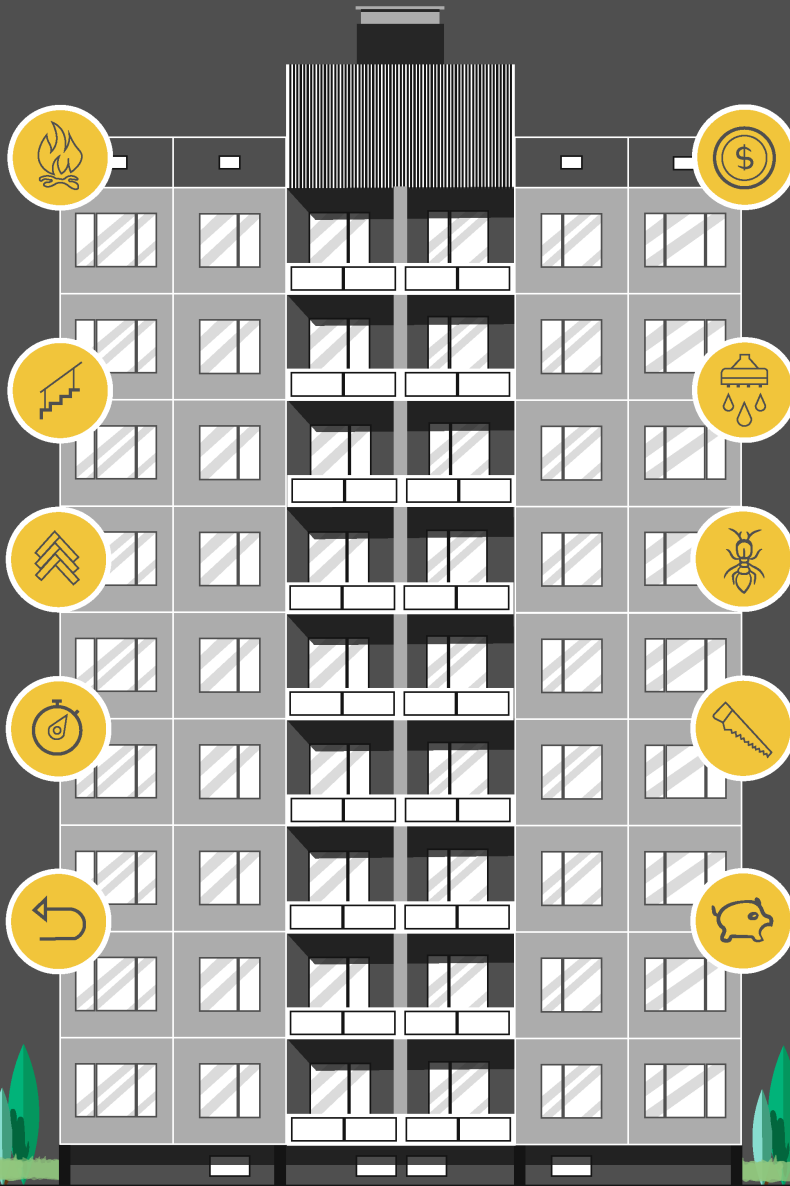
The impact of dry rot on a building can be financially disastrous, often leading to structural movement or even significant structural failure.

Shorter construction timelines

The predictability and accuracy of steel components speed up the process and allow follow-on trades to get to work sooner. This can allow the developer to begin collecting rent earlier than expected.

Fewer call-backs

The predictability, accuracy, and dimensional stability of CFS framing results in few warranty claims and call-backs, which can save time and money.



Lower builders risk insurance

With wood construction, insurance carriers generally assess higher builders risk and property insurance premiums than with CFS framing. In one instance, CFS framing helped the developer of a 400-unit hotel building save \$1.3 million in builders risk insurance.

No required sprinklers

For some buildings, sprinklers are required to protect wood-framed trusses -- which would have cost one builder \$40,000. CFS trusses don't require that protection because they're noncombustible.

No risk of termite damage

Because CFS framing is inorganic, termites won't eat it. Builders who use CFS framing won't have to repair termite damage or pay for costly annual prevention treatments.

Reduced carpentry-man hours

Since CFS framing is durable, non-combustible, cost-effective and easy to work with, it's the perfect framing material for prefabricating panels, which can cut carpentry man-hours.

Lower financing costs

Because CFS framing often helps shorten the construction cycle, projects can save hundreds of thousands in financing costs.



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For more ideas on how to meet your project's budget goals, visit BuildSteel.org.

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By using prefabrication:

66%

AEC professionals report that projects schedules decrease

35% saw a decrease of 4 weeks or more

77%

report that construction site waste decreases

44% saw a decrease of 5% or more

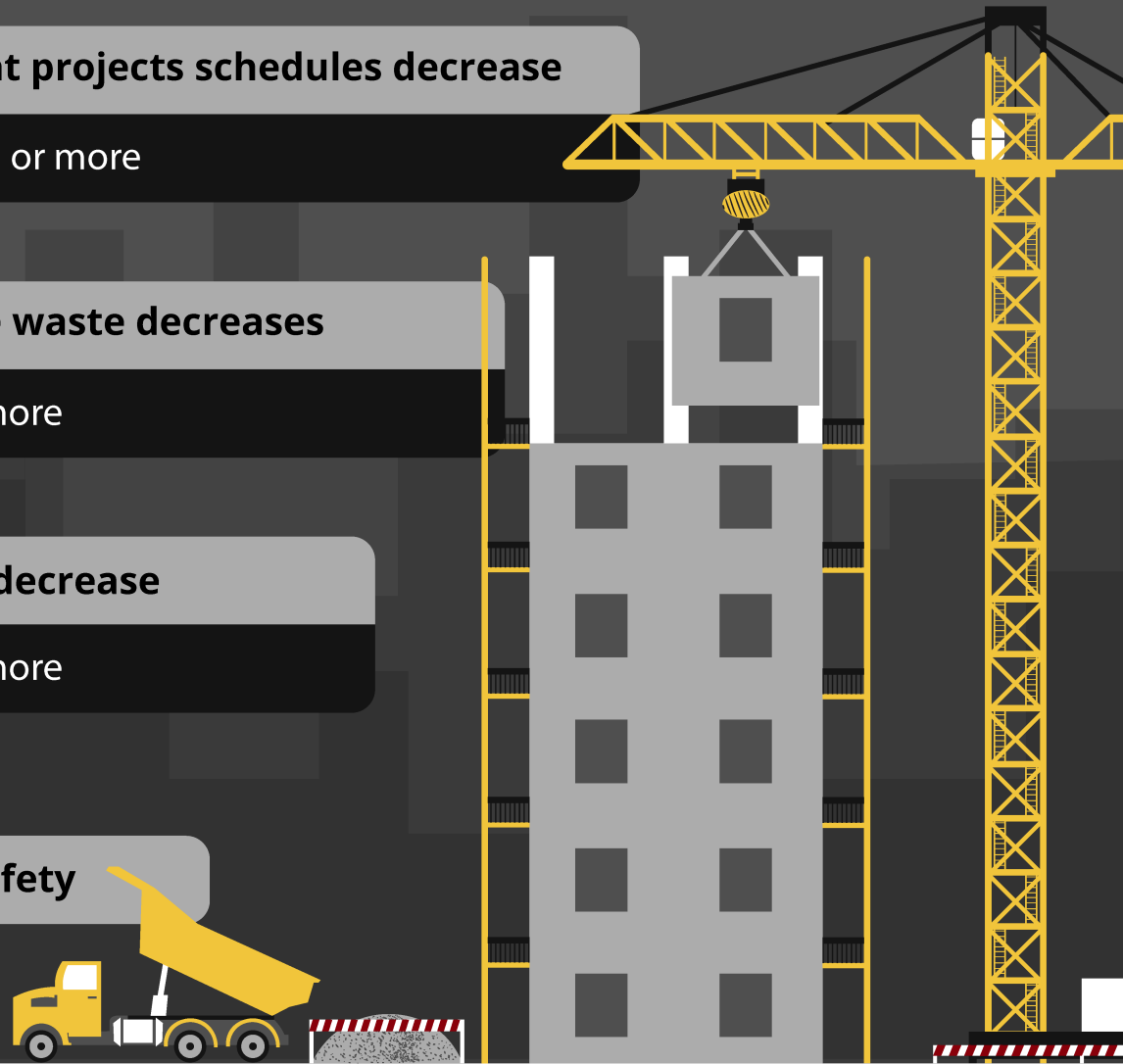
65%

report that project budgets decrease

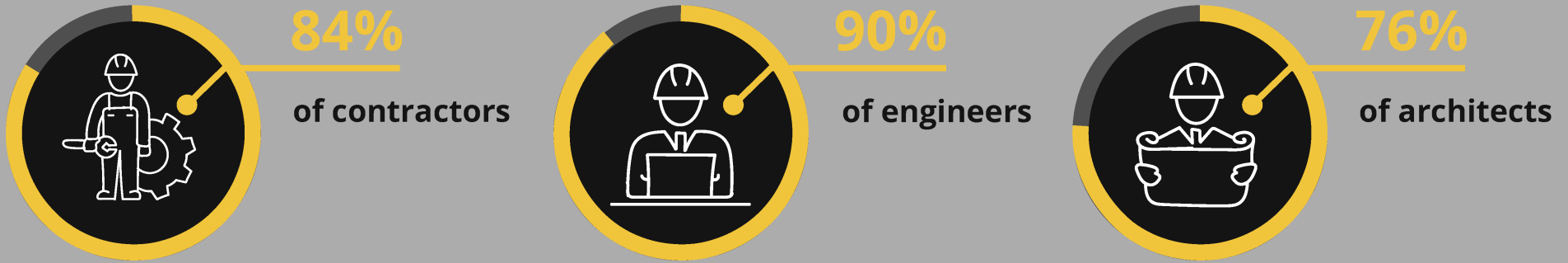
41% saw a decrease of 6% or more

34%

report an increase on site safety



Who's using prefabrication?



Factors driving current use of prefabrication:

Improve productivity:

Contractors: **92%**

Engineers: **70%**

Architects: **68%**

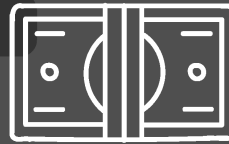


Gain a competitive advantage:

Contractors: **85%**

Engineers: **60%**

Architects: **52%**



Generate greater ROI:

Contractors: **70%**

Engineers: **43%**

Architects: **40%**

