

## STEVENS Metal Builders Gives Top 5 Reasons To Choose Structural Steel For Business

March 19, 2021

Middleburg Heights, Ohio - March 19, 2021 - PRESSADVANTAGE -

Ohio-based STEVENS Engineers & Constructors is the leading supplier of metal building kits in North America. The top metal building contractor has released an article explaining the top 5 reasons for businesses to choose structural steel for construction. The type of material required is important for a building during the construction of large agriculture facilities, garages, and skyscrapers.

Click on the link to read the blog in its entirety https://www.stevensec.com/blog/5-reasons-structural-steel-is-best

Steel is a sustainable material that can simplify the metal building process. The top-quality steel from Nucor is environmentally friendly and can be recycled and reused again and again.

STEVENS? metal building team explains that one of the top benefits of steel is that it is lightweight, adding, ?A steel I-beam weighs less than Parallam beams, LVL, or glulams,? which reduces the need for labor to

build with steel. Since steel is lighter in weight, it reduces the cost of shipping the materials. With steel, there is the benefit of design simplification of the metal building?s foundation and structural support systems.

The metal kits supplier in Ohio emphasizes customization as one of the top benefits of steel, saying it is an efficient choice for designs and can take on many shapes. STEVENS also explains, ?Steel can be bent or molded in endless ways, making it the perfect material for even the most custom pre-engineered metal building designs.?

Steel is highly flexible and makes it easier for the builder to be more flexible in the planning stages. The top pre-engineered metal building experts at STEVENS emphasize the cost-effectiveness of steel as a benefit, explaining that steel parts are pre-engineered, reducing the construction time and saving money on labor.

?And because steel beams are durable and come with a high life expectancy, insurance costs associated with commercial steel buildings remain relatively low, especially compared to other materials,? says Vicki Anderson, CEO of STEVENS.

Companies can enjoy several tax incentives if they choose to build with eco-friendly steel. ?Structural steel can help build a cleaner environment,? states the top Ohio metal building kit supplier, which uses 100% recyclable steel that has a low carbon effect, reinforcing its green philosophy. There is no loss of quality either when steel is used over and over again.

Steel production is safe for the environment and emphasizes waste reduction. ?When steel structures are built, more forests are preserved,? Vicki adds.

She goes onto explain that, ?One of the other benefits of steel is that it can block out environmental pollutants, leading to a healthier workplace. Modern steel plants are being designed to lower greenhouse gas emissions and to be energy-efficient. The water used to manufacture steel is also recyclable.?

The leading metal building company in Ohio stresses the fact that steel is faster to build, cost-effective, and safe.

?Many structural steel buildings are pre-engineered to a specific design at the production plant and shipped out ready to be erected. This speeds up the construction time considerably, making it possible to finish large-scale commercial projects in a matter of weeks,? the metal building supplier explains.

According to the top prefab metal kit builder, the fabrication process is quality controlled, and steel is pre-cut and ready to assemble, eliminating the need for measuring and cutting on-site. ?A faster construction timeline will also reduce the amount of time your steel construction project blocks traffic, affects the ingress and

egress of surrounding businesses, and any water or utility disruptions to nearby buildings,? they state.

STEVENS is a global leader in the construction industry, designing pre-engineered steel buildings and erecting them, helping their clients save time and money. Anybody with plans to build a prefabricated metal building can connect with STEVENS to streamline their next steel construction project. The top steel construction company in Ohio uses top-grade, durable, and sustainable steel and has extensive experience as a pre-engineered metal building supplier and erector. Connect with STEVENS on its website to start the next metal building project.

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For more information about STEVENS Engineers & Constructors, contact the company here: STEVENS
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Table of Contents What Is The Advantage Of Steel? Steel Is Lightweight Customization Potential Cost-Effectiveness Environmentally Safe You Can Build Faster With Steel Build With STEVENS What Is The Advantage of Steel? Steel is Lightweight This benefit is often surprising and unbelievable at first. If you pick up a 2x4 of wood and a 2x4 of steel, the steel will be noticeably heavier because of its density. However, when it comes to steel frame buildings, a steel I-beam will almost always be lighter than the lightest, structurally sound wood beam. A steel I-beam weighs less than Parallam beams, LVL or glulams. That decreases the labor required to build with steel, and the lighter weight also reduces the cost of shipping your materials. It can also simplify the design of your new building's foundation and other structural support systems, saving you even more money. -back to top Customization Potential Designers love steel because of its ability to take on many shapes. Structural steel is an efficient choice for a wide range of designs, from the simplest to the most complex. Steel can be bent or molded in endless ways, making it the perfect material for even the most custom designs. Steel has been used in a wide variety of ways for over 200 years. From old mills to skyscrapers and everything in between, structural steel can be used to build anything you can think of. Customization is a key economic theme of the future. But in order for customization to make sense, there needs to be room for flexibility. If you want to change plans in the middle of a project, your building material should have the ability to adapt to meet your new vision. Steel allows you to be more flexible in the planning stages and to make changes that won't break the bank. -back to top Cost-Effectiveness Speaking of not breaking the bank, pre-engineered metal buildings save you money in various ways. When you compare them to traditional building methods, the price of steel buildings remains comparatively low. Steel parts are often pre-engineered, decreasing construction time, saving you money on labor costs. And because steel beams are durable and come with a high life expectancy, insurance costs associated with commercial steel buildings remain relatively low, especially compared to other materials. And when tax season rolls around, there are some tax incentives available for companies who build with eco-friendly materials like steel. -back to top Environmentally Safe Structural steel can help build a cleaner environment. Steel is recyclable and has a low carbon effect, making it a popular choice among businesses trying to go green. Steel can be recycled and used over and over again without a loss of quality. Producing steel is also environmentally safe, with a high recycling rate and an emphasis on reducing waste. When steel structures are built, more forests are preserved Even if your steel building needs to be rebuilt, high-quality structural steel can be recycled and reused repeatedly. One of the other benefits of steel is that it can block out environmental pollutants, leading to a healthier workplace. Modern steel plants are being designed to lower greenhouse gas emissions and to be energy-efficient. The water used to manufacture steel is also recyclable. -back to top You Can Build Faster With Steel These days everyone wants their buildings to come in under budget and ahead of schedule. Using steel makes that a possibility. Typically, fast-tracked projects are nightmares for the architects and construction crews involved. Taking shortcuts usually leads to unsafe building practices and a finished project that doesn't quite measure up. But this all changes when you use steel. As we mentioned earlier, many structural steel buildings are pre-engineered to a specific design at the production plant and shipped out ready to be erected. This speeds up the construction time considerably, making it possible to finish large-scale commercial projects in a matter of weeks. Because the fabrication process is quality controlled, project managers will be able to focus their attention elsewhere and pre-cut, ready to assemble parts eliminate the need for measuring and cutting on-site. A faster construction timeline will also reduce the amount of time your steel construction project blocks traffic, affects the ingress and egress of surrounding businesses, and any water or utility disruptions to nearby buildings. -back to top Build With STEVENS These are just a few of the characteristics of steel that make it an ideal choice for your next building project. But the advantages of structural steel are dependent on two factors: the quality of the materials used and the experience level of the builder. When you use a quality builder who uses quality materials, you will benefit from an attractive and well-designed prefab metal building that is both durable and sustainable. The metal building systems team at STEVENS can provide advanced Metal Building Kits to streamline your next steel building project. The STEVENS building systems team uses customizable, high-quality pre-engineered metal buildings with industry-leading capabilities and are constructed with American-made, recyclable Nucor steel. STEVENS is ready to provide you with the highest-quality metal warehouse buildings constructed with long-lasting steel that suit your needs. Contact STEVENS today for an estimate and allow us to make your next building project a success.",

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## **STEVENS Engineers & Constructors**

STEVENS Engineers and Constructors provides complete industrial construction services from our office in Middleburg Heights, Oh near Cleveland. We offer high-quality design, build, and management services to industrial customers across the United States.

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