



AMERICAN METAL BUILDING SYSTEMS



American's Custom Engineered Metal Building Systems

Helping You Build Tomorrow

Leading the industry in technology, design flexibility, estimating ease and longevity, quality, and value for more than 60 years, American Buildings Company is one of the largest and most experienced manufacturers of custom engineered steel building systems in the world. With one of the widest array of product offerings, from a simple one-car garage to complex multi-story buildings, American's Builder network throughout North America has the expertise to deliver top quality metal building systems and services.

A division of Nucor Corporation, the largest steel producer and steel recycler in North America, American Buildings Company benefits from unrivaled financial strength. *Forbes* magazine recently honored Nucor as the number one company in its "America's Best Big Companies" Honor Roll.

Without exception, our quality products give you the simplicity, durability and affordability you're looking for. But even more important is the fact that American Buildings Company gives you the value-added benefits you need to ensure that your project is more than just a building...it's a success.

Going Green is Easier with Metal Building Systems

Metal building systems are the poster child for sustainability and "Green" as steel is the most recycled material on the planet. Nucor typically recycles 22 million tons of scrap annually, including 9 million cars. Recycled steel reduces mining waste by 97%, air pollution by 86% and water pollution by 76%. Producing steel through recycling also uses significantly less energy than conventional steelmaking. In fact, the energy Nucor saves through recycling compared to conventional steel production is enough to power Los Angeles for 8 years.

The typical American Buildings Company building is manufactured from at least 70% recycled steel. To top that, at the end of its useful life, 100% of an American building can be recycled into a variety of steel products including new cars, appliances, buildings and bridges.

American Buildings Company was the first metal buildings manufacturer in North America to switch to 100% "cool" paint systems as standard, with no up charge, for all roof and wall panels. This environmentally friendly cool technology was originally developed for Stealth Aircraft in the U.S. Military. These coatings help generate lower environmental temperatures reducing smog and the heat island effect. What's more they help reduce cooling costs in hot summer months.





Design Versatility

American building systems are constructed in many different shapes and sizes for many applications, from manufacturing and distribution centers, retail and commercial facilities, offices and schools, recreation centers and self-storage facilities, to healthcare and correctional institutions. American Buildings Company has the advanced design, engineering, and manufacturing capabilities to be a single-source supplier for a wide range of metal building systems. American accomplishes this by offering a variety of building styles, framing styles, column shapes, and girt conditions that can collectively satisfy virtually all building requirements.

Roof and Walls with Warranted Quality

American produces top quality metal roof and wall systems, components, and accessories for low-rise, non-residential metal building systems which are guaranteed by some of the best warranties in the industry.

American Buildings Company offers a wide variety of metal wall products as well as industry leading alternate wall products. With innovative products that provide aesthetic flexibility and design, American is the right choice for all building types.

American's standing seam roof and wall panel systems offer unsurpassed performance, appearance and value, with the industry's highest 35-year paint finish warranty. Standing seam roofs are also practically maintenance free, and are available with a solid 20-year warranty protection against roof leaks.

More Colors. More Choices. More Cool.

Beautiful colors and color combinations increase the resale value of a building and create a sense of pride for the building's owners. That's why ABC offers both SP-COOL and SmartKote panels for maximum flexibility and options.

In addition to our 14 colors of SmartKote PVDF-coated panels, American Buildings also offers Silicone-Polyester COOL panels in eight great color choices. Coated with special "cool" resins that reflect the sun's rays, both panel choices lower your energy costs while extending the life of the structure. This makes SP-COOL panels the sensible, practical choice for large warehouses, agricultural structures and commercial buildings. For high-visibility projects requiring even greater fade resistance and durability, SmartKote PVDF-coated panels offer yet another "cool" option.

Having more choices gives you more flexibility and more options – and more ways to make your building a success. SP-COOL and SmartKote: The Cool choice.

Quality Certified

There are no compromises in quality when you choose an American custom engineered metal building system. But you don't have to take our word for it. All of American's structures are manufactured in industry-certified facilities.

This certification is given on the basis of independent third-party evaluation of every aspect of American's operation – and it's monitored through periodic follow-up audits.

Quality certification. It's a tribute to American's technical and manufacturing leadership. More importantly, it's your assurance that when you choose an American building, you're choosing the best.

Speed. Design. Beauty. We can deliver it all.

American Buildings Company provides versatile building solutions. Because they come in a variety of materials and configurations, our buildings can range in style from the basic to the sophisticated, yet still provide quick turnaround in terms of product and delivery. American Buildings Company uses advanced technology and design techniques to lead the way in building systems.

American building systems can be readily combined with traditional materials such as brick, stone, glass, or wood to meet any appearance requirement, while American technology dramatically shortens design, fabrication, and on-site erection time for major cost savings and faster occupancy.



Advantages of Metal Building Systems

Compared to conventional structures, custom metal building systems offer many clear advantages. With value engineering that includes aesthetics, utility, timeliness, overall costs and more...you will find that Building Tomorrow with a metal building system is the right choice.

Design

- Quick and efficient
- Design drawings provided by manufacturer

Weight

- Approximately 30% lighter due to more efficient use of steel

Foundation

- Simple design is lightweight and easy to construct

Accessories

- Designed to fit the system with standardized, interchangeable parts, including flashing and trim

Delivery

- Tell us when you need it.

Architecture

- Outstanding detail can be achieved at a reasonable cost using conventional wall and fascia materials

Sustainability

- A typical American metal building is manufactured from at least 70% recycled steel.
- 100% of a typical American metal building can be recycled after its useful life
- Metal building systems qualify for LEED and other “green” building initiative credits
- The long lifecycle of metal roofing systems, which last 40 years or more, keep roof materials out of landfills

Erection

- Easy, fast and step by step

Energy Savings

- Both SmartKote and SP Cool color systems can save up to 50% in heat load demand resulting in significant cooling cost savings
- Cool colors lengthen the life of wall and roof panels by reducing heat which damages coatings over time
- Cool coatings generate lower environmental temperatures to help reduce smog

Overall Price

- Price per square foot can be considerably lower than conventional construction

Changes

- Highly flexible; changes and revisions can be made easily
- Future expansion is simple and cost efficient

Responsibility

- Single source results in total responsibility from one supplier

Performance

- Components are specified and designed to work together as a system
- Experience with similar buildings and field conditions worldwide have resulted in design improvements, and thus more dependable predictions of performance



To start building tomorrow, contact your local Authorized American Builder.



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