



# HARDWALL BUILDING SOLUTIONS

American Buildings Company combines metal buildings with conventional construction

INNOVATION.  
TECHNOLOGY.  
SOLUTIONS.



# SINCE 1947, AMERICAN BUILDINGS COMPANY (ABC) HAS PIONEERED THE DESIGN, MANUFACTURE, AND DELIVERY OF METAL BUILDINGS AND ROOFING SYSTEMS THAT HAVE SET THE INDUSTRY STANDARD.

With one of the widest arrays of product offerings, from simple to complex multistory buildings, ABC's builder network throughout North America has the expertise to deliver top-quality metal building systems and services.

ABC offers techniques and solutions for a variety of requirements and exterior aesthetic appearances. Keeping pace with the latest in exterior looks and internal space requirements, ABC has the building systems to address the needs of a wide range of structures. ABC constructs all of our metal buildings to the highest level of building codes and specifications.

## QUALITY AND ENGINEERING LEADERSHIP

- ABC was a pioneer in adapting technology to the design of metal building systems.
- ABC's engineering staff provides accurate design and quick turnaround of complex projects, enabled by their decades of experience and state-of-the-art technology.
- Fabricating facilities use sophisticated machine tools to translate drawings into precise, quality-controlled building systems.
- ABC's commitment to quality is not just an empty promise. All four ABC plants are IAS-accredited to make sure that we deliver on it.

By choosing an International Accreditation Service (IAS) AC472-accredited building systems manufacturer, you'll be working with a company that knows quality building systems and has the expertise, resources and infrastructure to provide quality work. You'll also know your manufacturer complies with special inspection requirements in Chapter 17 of the International Building Code. You'll get all this and more when you choose ABC and any one of its authorized Builders. As an IAS-accredited manufacturer, ABC is committed to quality, skilled workmanship and customer satisfaction.

## RESEARCH AND DEVELOPMENT

ABC's R&D team is knowledgeable in all major North American building codes and constantly at work to improve and innovate all products.

Since its inception, ABC has been a leader in product quality and innovation, developing technologies and systems to enhance precision, speed, and ease of building systems erection.

Extensive testing in the lab and in the field optimizes structural strength and integrity. In addition, proper building code approvals are maintained. These steps are taken to meet or surpass all applicable insurance and building code requirements.

ABC's research and development efforts ensure long, trouble-free performance of its building systems, which are backed by strong warranty and erection/installation quality certification programs.







## ABC combines conventional with security & long lasting in Hardwall Buildings

ABC fabricates systems for use on hardwall buildings with loadbearing or non-loadbearing concrete or masonry walls. These special systems are designed to be field erected with an American Builder providing site-cast or tilt-up concrete walls, in-plant pre-cast concrete walls, or other hardwall exterior solutions, depending on the specification requirements. The primary framing designs by American give the structure a conventional look, and include a special diaphragm design to handle lateral building loads. American hardwall building solutions are the result of a comprehensive design approach that fully addresses the critical performance issues and design criteria for masonry and concrete walls.

American solutions also offer the inherent load bearing advantages of masonry or concrete walls to achieve maximum overall design economy.

Hardwall building solutions by American include proprietary wall-to-roof connections and are backed by an American team that includes an extensive North American network of Authorized American Builders committed to building excellence.

It all adds up to unequaled capability and a steadfast commitment to surpassing your expectations.

If a hardwall building solution is a consideration for your next building project, check with us before you build. There's no cost or obligation of any kind - and it could turn out to be one of the best building moves you've ever made. For more information, contact your local Authorized American Builder.





## TODAY'S BEST ROOFING SOLUTIONS

Hardwall building systems by ABC can include any of ABC's complete selection of proven top-quality structural standing seam roofing systems. ABC's buildings offer maximum weathertightness and can be backed by a strong 25-year roof warranty. Buildings are available with Silicone-Polyester COOL™ finish or SmartKote® PVDF coated panels. Both feature durable finishes that resist fading, extend the life of the structure and lower your energy costs. SP-COOL™ panels are available in 8 colors and feature a 25-year finish warranty, and SmartKote® panels are available in 8 colors and is warranted for 35 years.

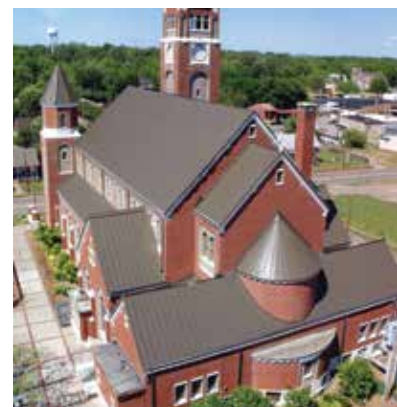
There's no better way to top off a successful project than with an American metal standing seam roof.

Combining hardwall construction with ABC building and roofing systems can cut design times and construction schedules, as well as costs.

## Hardwall System Benefits

American Buildings Company Hardwall Systems offer a number of appearance and economic benefits to the building owner.

- Low maintenance
- Provides owner with the best roofing system available
- Maximum useable floor space is obtained with load bearing conditions
- Maximum useable clear height can be obtained with this construction
- Positive roof slope to the exterior eaves eliminates costly interior drainage systems
- Advantageous fire rating
- Compliant with "conventional only" subdivision requirements







## **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

**Hardwall Buildings are not just for Industrial Facilities**

- **Commercial**
- **Office**
- **Recreational**
- **Retail**
- **Churches**
- **Schools**







## GREEN BUILDING IS SERIOUS BUSINESS

Metal building systems are the poster child for sustainability and green building. As steel is the most recycled material on the planet, Nucor, ABC's parent company, 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.

ABC is committed to an effective environmental policy that helps us manage and reduce our impact on the world around us. That's why we are proud to announce that all four ABC divisions have achieved ISO 14001 certification.

As an ISO 14001 certified manufacturer, American Buildings Company is dedicated to protecting our environment and reducing waste. Every ABC teammate is responsible for environmental protection. We also require contractors, vendors and suppliers to comply with applicable environmental laws.







## ABOUT AMERICAN BUILDINGS COMPANY

Founded in 1947 in Columbus, Georgia, as Steel Builders, Inc., a small regional fabricator taking part in the post-World War II economic boom, the Company was renamed American Buildings Company and relocated in 1964 to Eufaula, Alabama. Over the years, American has enjoyed a dynamic growth history, as dynamic as the metal buildings industry itself. In 2007, American Buildings Company was acquired by Nucor Corporation, a Fortune 500 Company. Nucor and affiliates are manufacturers of steel products, with operating facilities primarily in the U.S. and Canada.

Nucor is the largest steel producer in the United States and has not experienced a layoff due to lack of work in over 40 years. Nucor was recently honored by Forbes Magazine as the number one company in America's Best Big Companies Honor Roll and by Business Ethics magazine's 100 Best Corporate Citizens list. Nucor is also North America's largest recycler of steel.

The development of American over the years has been changed due to its continuous entrepreneurial drive and spirit. American's advancement from its simple beginnings to its present position as one of the industry's leading manufacturers is based on the expansion of its Builder network, which presently extends across the U.S., Canada and Caribbean. American supports its business with technical and customer service centers as well as fabrication facilities strategically located across the U.S., making it a truly nationwide manufacturer.





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