
Atlas Brick™ – The Green Brick Solution
When it comes to conservation... Nothing else stacks up!
ATLAS BRICK™
Big Brick. Small Footprint.

ATLAS BRICK. The Sustainable Solution

What is more "**Green**" than **brick**?

In spite of being ravaged by war, European communities are a testament that **brick** is **Green**. While many building types are torn down, and other materials are replaced multiple times for the life of a building, **brick** buildings are seldom torn down. What is the effect on our environment when we continually tear down and replace–is this the definition of **Sustainable**?

Interstate Brick was founded in 1891 on principles of Integrity, Quality, Innovation, Commitment, Safety and Team Work and is nationally recognized as one of the premier commercial **brick** manufacturers in the U.S. Our products offer several distinguishing features that motivate architects and builders across the country to specify them.

The array of colors, exceptional quality, high strength, and low density clays produce distinct brick products. Our colors complete a spectrum from whites to blacks through buffs to reds and our unique iron spots complete a vivid palette.

Couple **Atlas Brick's** low embodied energy and low embodied carbon with a life cycle double most other materials, zero waste, low maintenance, elimination of other high embodied energy and carbon materials and the result - **Nothing Else Stacks Up!**

One of the first "store" manufactured brick tongs used in the handling of brick.

Interstate Brick's strength comes in value engineering all available products to create unique details and designs. **Interstate Brick** leads the **brick** industry in cleaning air exhaust and water emissions. **Interstate Brick** scrubbers are used as the standard set for the **brick** industry by the EPA in their MACT control standards. **Interstate Brick's** water filtration system converts waste water to drinking level standards - tighter than the original source. **Interstate Brick** is **Green**. Furthermore, we are **LEED™ers** in energy and environmental design of **brick**. Our **brick** are formed from a minimum of 5% Post Industrial Recycled Content and 10% Post Consumer Recycled Content – **brick** not needed for a job are often returned to **Interstate Brick** where they are resold or crushed and recycled to make new **brick**. Pallets are reused. 100% of the ores are used in making **brick**. No waste is taken to the landfill. In addition, most of our **brick** contain two good faces which reduce waste.

Interstate Atlas Brick has been successful in obtaining **LEED™** ID points for "Efficient use of Structure", "Fire Resistance", "Mold Resistance", "Impact Resistance", Passive Solar" and "Used as a replacement for Vinyl cove base".

LONGEVITY

Rey (Rei Brick)

This particular brick comes from an old mud hut that is part of the wall that at one time surrounded the ancient city of Rey. Alexander the Great destroyed this ancient city of his conquest of the then known Persian Empire and world. Moslem records indicate this portion of Rey is at least 1000 years old.

Title-Mud Brick circa. 1789-1761

This brick comes from the ramparts around old Fort Pitt in Pittsburgh Pennsylvania being built between 1789-1761.George Washington during the French & Indian wars was a military commander in the area.

Interstate Brick-Providing Environmental Solutions Since 1890

COMPLETE BUILDING SYSTEMS

Interstate Brick produces a full line of standard **brick** products and sizes, including face **brick**, thin **brick**, pavers, and coping. The 16-inch **Emperor Face brick** increases productivity and reduces labor costs. The larger **brick** can be slotted and offset to create patterns or illusions of smaller **brick** while increasing productivity and reducing schedule. **Interstate Brick** are recognized on prestigious projects from coast to coast.

The company's distinctive products include **Atlas** structural **bricks** manufactured up to 16 inches in length and engineered to use **bricks**' high compressive strengths, form and function. **Atlas Brick** are designed and detailed similar to conventional CMU in dimension and strengths.

Atlas Brick higher strengths permit taller, thinner walls that can withstand earthquakes, hurricane force winds, and fire and are also easily integrated with our thin **brick**, face **brick** and other products. **Interstate Brick** is uniquely staffed with a mason contractor, architect, and structural engineers to assist their customers in taking advantage of this unique product line.

For over 40 years, we have focused our efforts on promoting **Atlas Brick** systems. **Atlas Brick** lower the cost of **brick** construction by eliminating other products, reducing structural costs, lowering energy costs, reducing construction labor, eliminating construction trades, and reducing time of construction.

- Police Stations
- Fire Stations
- Courthouses
- Secure Areas
- Signage
- Site Walls & Enclosures

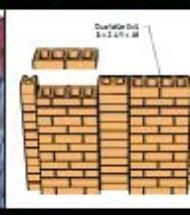
- Fire Resistant
- Wind Resistant
- Earthquake Resistant
- Moisture Resistant
- Mold Resistant
- Impact Resistant
- Pest Resistant

WITH **ATLAS BRICK**, LESS IS MORE

Using a small carbon footprint, **Atlas Brick** are made in a variety of lengths, widths, and heights and can be reinforced, grouted and formed into walls, columns, beams, soffits, corbels, cantilevers, panels, and retaining walls. **Atlas Brick** can be used any place concrete block, precast concrete, or veneer brick are used.

Atlas Brick provide both form and function. They exhibit the beauty of **brick** while providing a structure that can be designed to resist Earthquakes, Hurricanes, Tornadoes, and Bomb blasts. **Atlas Brick** are ideal for buildings subject to flooding. Since they do not contain organic compounds, they do not perpetuate mold growth.

- Small Footprint
- Efficient Design
- Fewer Materials
- Fewer Connections
- Simple Installation
- Predictable Results



Exposed to flooding, **Atlas Brick** are easily cleaned, disinfected and reused. **Atlas Brick** were tested and withstood full design loads while undergoing a 4 hour fire test, and sustained that load during the hose stream test that immediately followed.

Atlas Brick provide several thermal advantages. **Atlas Brick** reduces peak heating and cooling loads through thermal lag and mass energy storage. **Atlas Brick** can be used as a mass wall in Passive Solar design. A wide range of **Atlas Brick** colors can be incorporated to reduce heat island effects and **Atlas Brick** walls can be designed for every energy requirement.

- Smaller Footings
- Less Complicated
- Taller Walls
- Thinner Walls
- Faster Installation
- Permanent Colors

- More Sq-Footage
- Shorter Schedule
- Less Maintenance
- Lower Insurance Costs
- Sustainable
- Renewable

Atlas Brick can be designed as a load bearing single-wythe wall with both faces exposed and still manage moisture drainage and insulation. It can also be designed as a structural veneer, curtain wall, or panelized system.

As with all **Interstate Brick** systems, their life cycle costs indicate exceptional long term value versus many other competitive wall systems. **Atlas Brick** are defined by lower initial costs, lower maintenance costs, and lower replacement costs – true Life Cycle. With **Interstate Brick Atlas**, less is truly more!

Atlas Brick have been used to build housing, educational facilities, religious buildings, medical buildings, government buildings, offices, retail centers, fitness centers, natatoriums, industrial buildings and parking structures. They are used on stadiums, wastewater treatment buildings, concessions, fences, signs and the list goes on. Unleash your imagination – Design with **Atlas Brick**.

For design information specific to your next **Atlas Brick** project visit our website at **www.interstatebrick.com** or contact us at **Interstate Brick**.

TECHNICAL DATA

Visit our website at **www.interstatebrick.com** for the most complete resources when designing with **Atlas Brick**. While there, check out our photo gallery of amazing projects across the United States and if you have any questions, do not hesitate to call any one of our talented representatives.

The **Masonry Designer** is an interactive tool, designed for architects, builders, home owners, and anyone interested in exploring **Interstate Brick's** wide range of **brick** products, styles, colors and textures.

Features:

- A wide variety of brick shapes and sizes
- A large selection of brick and mortar colors
- Save or Print photo-quality samples
- Customize your designs using different patterns and styles.

COLOR SWATCHES

ATLAS BRICK
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ARCTIC WHITE


PLATINUM


CANYON ROSE


MONTEREY


MIDNIGHT BLACK


DESERT SAND


CEDAR


PARK ROSE


BRONZESTONE


TUMBLEWEED


OCHRE BUFF


AUTUMN RED


WALNUT


SMOKEY MOUNTAIN


COPPERSTONE


MOUNTAN RED


IRONSTONE

interstatebrick.com

Standard Sizes

Specified Dimension	Width	Height	Length	Weight/Unit	Units/Sq-Ft
Modular Atlas	3 5/8	2 1/4	7 5/8	3.6	6.85
4x4x12	3 5/8	3 9/16	11 9/16	7.8	3
6x4x12	5 9/16	3 9/16	11 9/16	11.8	3
8x4x12	7 9/16	3 9/16	11 9/16	15.8	3
4x4x16	3 9/16	3 9/16	15 9/16	11.1	2.25
6x4x16	5 9/16	3 9/16	15 9/16	15.7	2.25
8x2-3/4x16	7 9/16	2 3/4	15 9/16	15.6	2.85
8x4x16	7 9/16	3 9/16	15 9/16	20.1	2.25
8x8x16	7 9/16	7 9/16	15 9/16	39.2	1.125

Atlas Brick are specified as ASTM C652, Grade SW, Type HBS or HBX and are available with two good faces. This is important when designing walls with both faces exposed. Note that many manufactures commit to provide only one good face.

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Interstate Brick has conscientiously incorporated environmentally sound design principles in the production of this brochure. Applying smaller design criteria and printed with vegetable based inks on FSC Certified, 100% Post Consumer paper will reduce paper usage and minimize our impact on the environment.

We have placed this brochure on our website at **www.interstatebrick.com** in e-format to further reduce paper usage and encourage others to take part in sustaining and protecting the world in which we live.