

What will you do with the time saved?

Fast-Tracking – the lifeblood of today’s construction projects! Shorter cycle times, tighter budgets and scheduling are of paramount importance. You meet them or else!

AERCON manufactures an affordable, fully-integrated building system of aerated concrete products ideal for load bearing and non-load bearing structures. Applications include commercial, industrial and residential construction, including schools, hotels, warehouses, retail, multi-family, single homes and more. AERCON is also an excellent choice for cladding and firewall/shaftwall applications.



Industrial warehouse cladding installation.

Products Manufactured:

- Reinforced wall, floor and roof panels
- Interior wall partitions and lintels
- Various sizes of blocks

AERCON's manufacturing facility is located in Haines City, Florida.



Roof Panel installation completed in one day.

AERCON Benefits:

- Reduced Time & Labor Costs/Faster Customer Use
- Fire Resistant/Non-Combustible
- Durable & Lightweight
- Design Versatility & Flexibility
- Excellent Thermal Insulation
- Superior Acoustic Insulation
- Termite & Pest Resistant
- Environmentally Friendly
- Current NER/ICBO Report

Put your projects on the fast-track and keep them there with proven quality products, fast installation and experienced staff. *Nothing outperforms AERCON!* Contact our representatives today for complete product information.



3701 C.R. 544 East, Haines City, FL 33844
863-422-6360 863-422-6361 Fax www.aerconfl.com

Aercon is a trademark of Aercon Industries, LLC.



AERCON is produced by energy-saving methods and natural raw materials – sand, lime, cement and water.



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COMMERCIAL

INDUSTRIAL

RESIDENTIAL

FIREWALLS

SHAFTWALLS

DESIGN-BUILD

SCHOOLS

WAREHOUSES

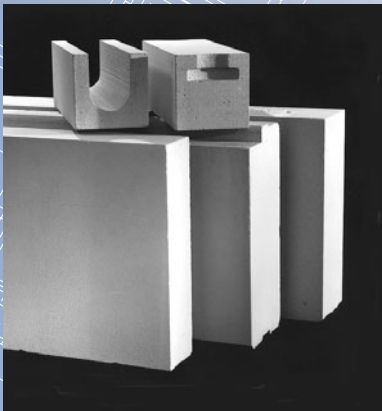
HOTELS

HEALTHCARE

RETAIL

OFFICES

HIGH-RISES



Nothing Outperforms Aercon!



What gives AERCON™ the competitive edge?

AERCON... it's the name of the company and the fully integrated building system of aerated concrete products used on commercial, industrial and residential projects worldwide. More than just the manufacturer, AERCON provides assistance for all concerns from design to completion.

AERCON is fast – you finish projects while conventional building structures are waiting for sub-trades to arrive!

Because of aerated concrete's excellent properties and ease of construction, it's suitable for both load bearing and non-load bearing structures for commercial-industrial facilities, multi-story structures, warehouses, retail, and residential construction. It's also ideal for cladding and firewall applications. Although aerated concrete is relatively new to the U.S., it has been a favored building material in Europe and many other countries for more than 70 years. It was developed by Swedish architect Johan Axel Erikson and patented in 1924. Erikson was searching for a material with the properties of wood – good thermal insulation, solid structure, easy to work with and handle – but without the disadvantages of combustibility, decay and termite damage.

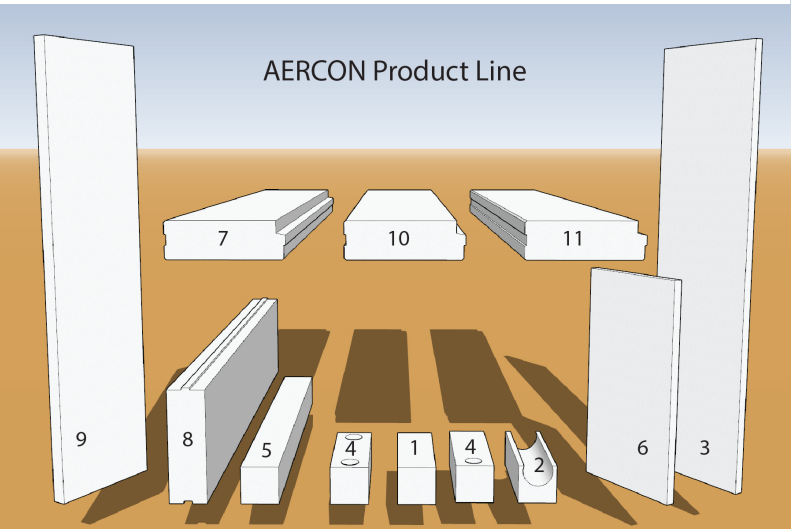
AERCON is produced from inorganic materials – lime, sand, cement and water and offers many advantages over conventional building materials. It has excellent thermal and acoustic insulation and great workability. It's fire and pest resistant, while still being environmentally responsible – real peace of mind for your customers and you.

Cover photo details:
Top: AERCON block and panels.
Center: Vertical wall panel is lowered into position.
Center left: \$23 million, 245,000-sq. ft. Residence Hall Complex includes seven buildings at the University of South Florida in Tampa, Florida.
Bottom: Ease of construction was a key factor in selecting aerated concrete for this addition at Lake-Sumter Community College in Clermont, Florida.



AERCON panels were selected for cladding on this 25,000 sq. ft. warehouse.

Key Block Properties		
Strength Category	AC4	AC6
Minimum Compressive Strength	580 psi	870 psi
Nominal Dry Density	31 pcf	40 pcf



	Product	Available Dimensions (Nominal)	Strength Class
1.	Block	Length: 24" Height: 8" Thickness: 4", 6", 8", 10", 12"	AC4 AC6
2.	U-Block	Length: 24" Height: 8" Thickness: 8", 10", 12"	AC4
3.	Cladding	Length: 24" Height: Varies Thickness: 2", 3", 4"	AC4 AC6
4.	Cored Block	Length: 24" Height: 8" Thickness: 8", 10", 12"	AC4 AC6
5.	Lintel	Length: 96" max. Height: 8" Thickness: 8", 10", 12"	AC4 AC6
6.	Firewall	Length: 24" Height: Varies Thickness: 2", 3", 4"	AC4 AC6
7.	Horizontal Wall Panels	Length: 240" max. Height: 24" max. Thickness: 6", 8", 10", 12"	AC4
8.	Vertical Wall Panel	Length: 240" max. Width: 24" max. Thickness: 6", 8", 10", 12"	AC4
9.	Interior Wall Partition	Length: 119" max. Width: 24" max. Thickness: 6", 8", 10", 12"	AC4 AC6
10.	Floor Panel	Length: 240" max. Width: 24" max. Thickness: 8", 10", 12"	AC4 AC6
11.	Roof Panel	Length: 240" max. Width: 24" max. Thickness: 8", 10", 12"	AC4 AC6

AERCON Benefits:

- Fire Resistant/Non-Combustible**
- Highest UL fire ratings in the industry
 - No toxins or gases emitted
 - Reduced risk to insuring agencies
- Lightweight**
- Block is 50% weight of standard CMU block
 - Lighter weight product creates easier work environment - less back strain
 - Reduced delivery costs
- Durable**
- Excellent for hot to very cold climates
 - Approved for use in hurricane prone areas
- Design Versatility & Flexibility**
- Unlimited workability
 - Can be sawn, drilled, nailed and milled
 - Field adjustments can be made easily
- Superior Thermal Insulation**
- Inherent insulation
 - Lowers heating and cooling costs
 - Outperforms wood and concrete masonry
- Excellent Acoustic Insulation**
- Sound insulation value of 7dB (per sq. ft. of surface area) greater than other materials of the same weight
- Termite & Pest Resistant**
- No voids for insects/pests to make homes
 - Termites will not attack AERCON products
- Reduced Time & Labor Costs**
- Fast installation – quicker customer payback
 - No furring, insulation or drywall needed
 - Experienced four man team with crane can install panels at 4-6 minutes per panel
- Environmentally Friendly**
- AERCON is made from sand, lime, cement, water, and a rising agent
 - Generates no pollutants/hazardous wastes

Commercial/Industrial

Time savings alone makes AERCON the right product! Fast installation reduces labor costs. No reshoring, insulation or drywall is needed. AERCON panels are also an excellent cladding solution for industrial steel frame buildings.



Residential

Savings on home construction are dramatic for the homeowner, developer and contractor. Since AERCON won't burn and withstands hurricane wind pressures, insurance costs may be reduced. An AERCON home provides an efficient, comfortable, safe environment which ultimately enhances the home's resale value.

Firewalls/Shaftwalls

UL classified AERCON panels & block offer the highest fire ratings in the industry, making AERCON the right choice for firewalls and shaftwalls. AERCON helps prevent the spread of fire to adjoining rooms and buildings and never emits toxic gases or vapors when exposed to fire.

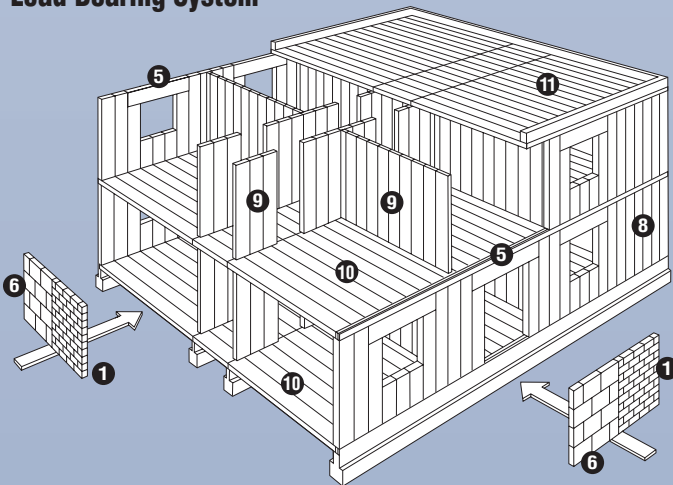


Schools

AERCON is the ultimate solution for a quality educational environment on a limited budget. An affordably constructed building of non-combustible, wind-resistant AERCON with excellent thermal ratings and superior sound insulation creates a comfortable, healthier environment for learning. AERCON's Modular School Systems are especially ideal for portable classroom replacements. Durable exterior and interior wall and roof panels of a four-classroom modular can be erected by an experienced crew with crane in as little as five days. Whether building new wing additions, replacing portable classrooms, or for complete campus-style configurations, AERCON is the wise choice.



Load Bearing System



Non-Load Bearing System

