

CATALOG 2023

CATALOG

**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE



FRAME





WHO ARE  
**WE?**

**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE

**Framecrete** is a producer, importer and marketer of Autoclaved Aerated Concrete (AAC) panels and blocks.

☰ Framecrete is partnered with **Aircrete Mexico** and **Aircrete Europe**, a global leader in AAC with more than 50 years of experience, known as the most advanced developer, manufacturer and producer of AAC technology. The company has built over 100 different plants in 20 countries on 6 different continents.

☰ We are the future of panels for walls and facades for residential, commercial and industrial buildings.





## WHAT IS AAC?

- ☰ **Autoclaved Aerated Concrete (AAC)** is a lightweight and ecofriendly concrete, commonly known as cellular concrete.
- ☰ AAC is manufactured with cutting-edge technology and natural materials such as: cement, lime, silica sand, and aluminum powder.
- ☰ AAC products include prefabricated panels and blocks of various sizes.

“ AAC products are made 100% of natural materials, containing no foam or plastics. ”







## OUR FACTORY

**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE



- ☰ Our product is manufactured at the **newest** and **largest AAC plant** in **North America** with an annual production capacity of **32 million ft<sup>2</sup>**.
- ☰ We are currently shipping panels and blocks all over **North America** and **Central America**.



**LOCATION** / 20 MILES NORTH MEXICO CITY







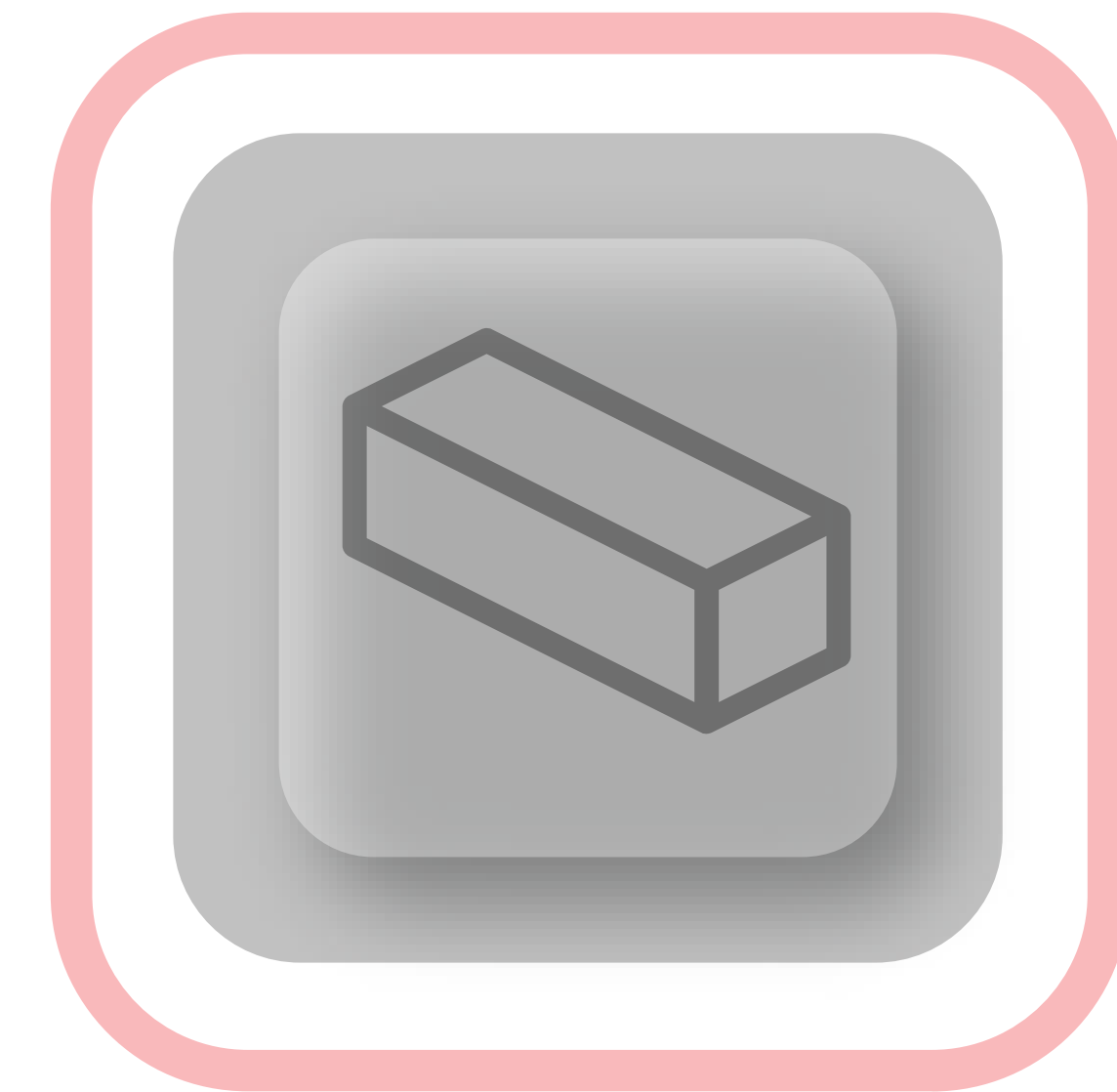
**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE





# BENEFITS TO THE BUILDER & GENERAL CONTRACTOR

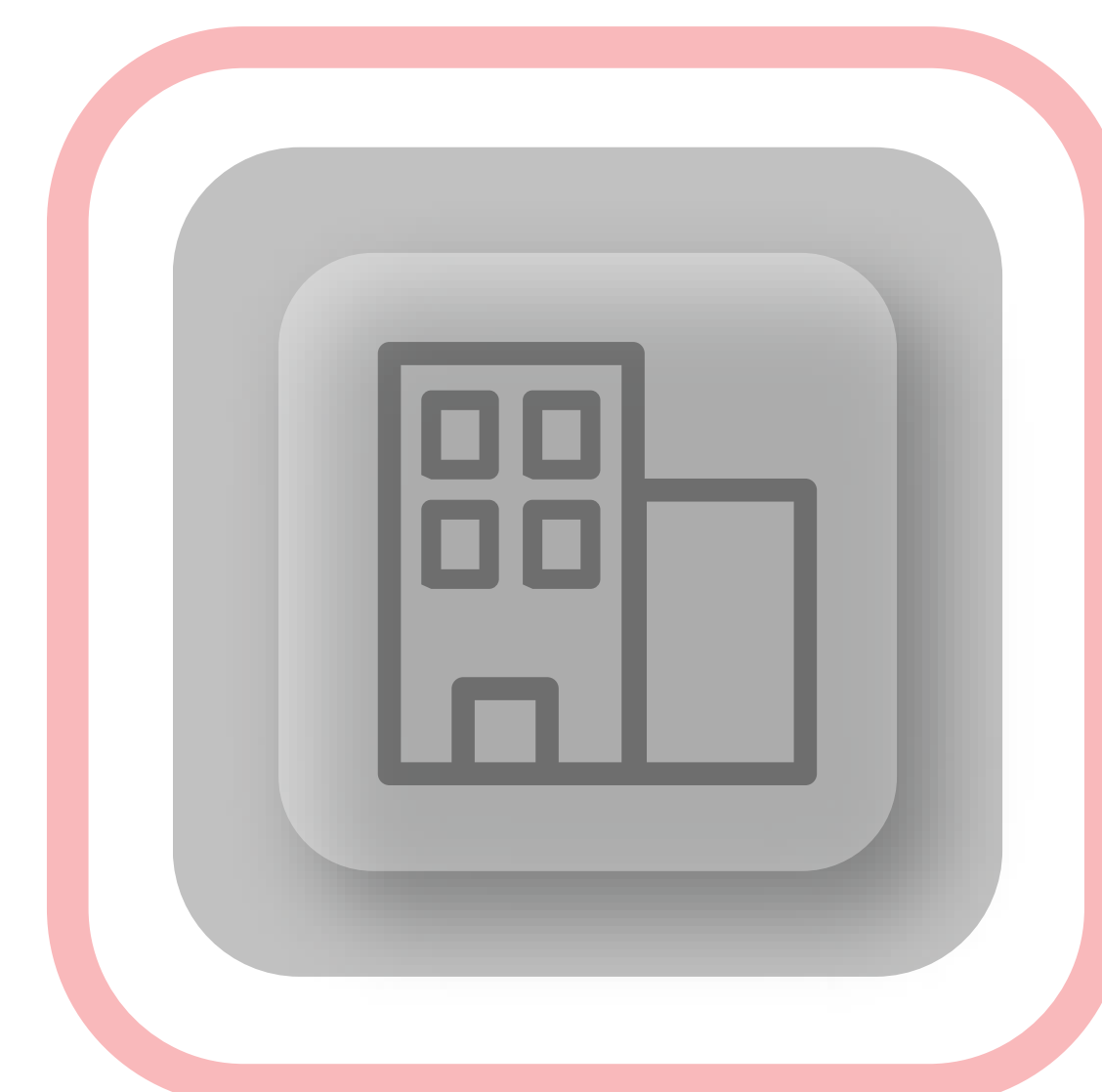
**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE



## ROBUST CONCRETE



Strong, durable  
& weather  
resistant



## STRUCTURAL



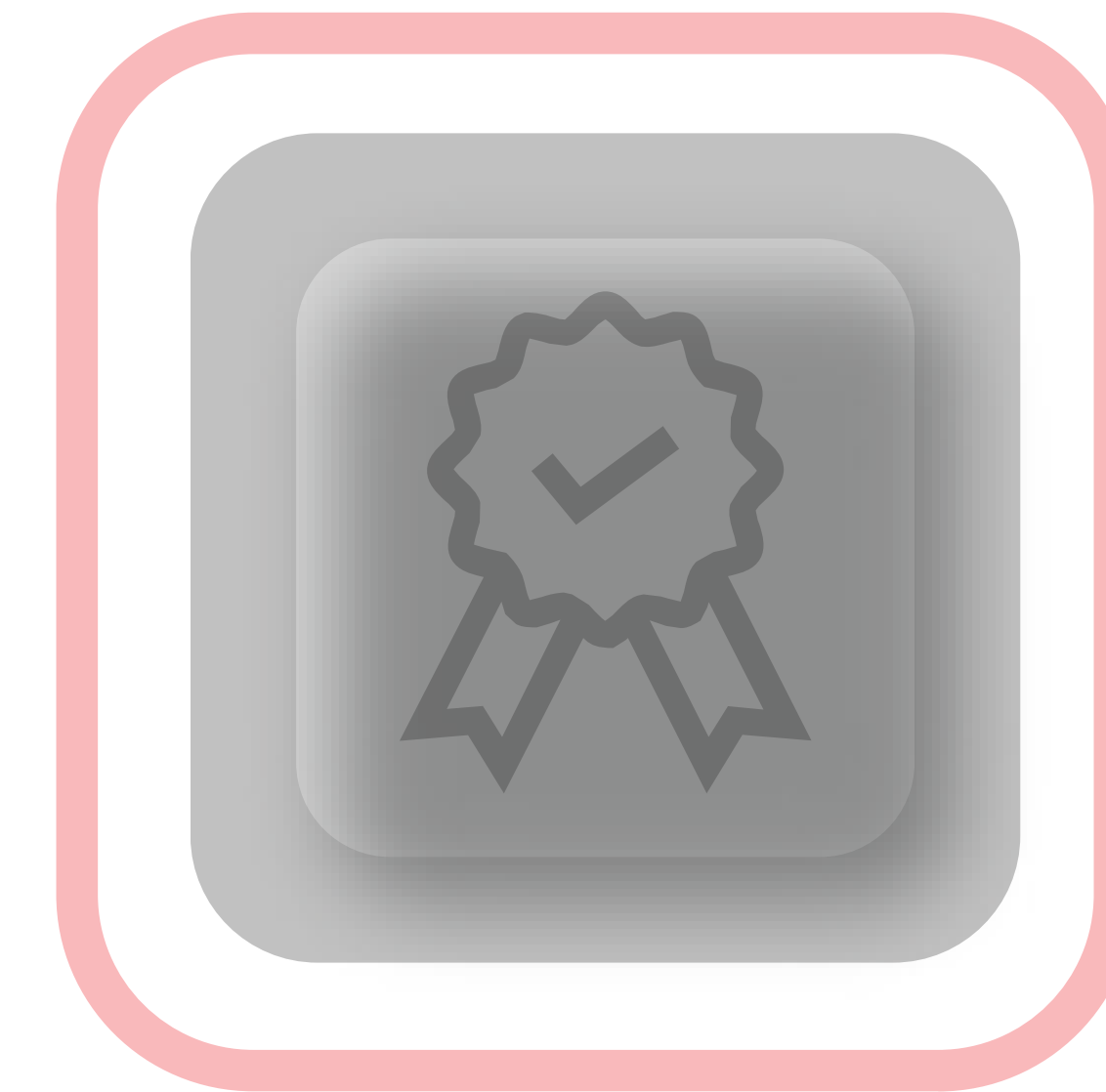
No need for  
plywood or OSB



## LIGHT WEIGHT



Weighs 60%  
less than  
conventional  
concrete



## HIGH QUALITY



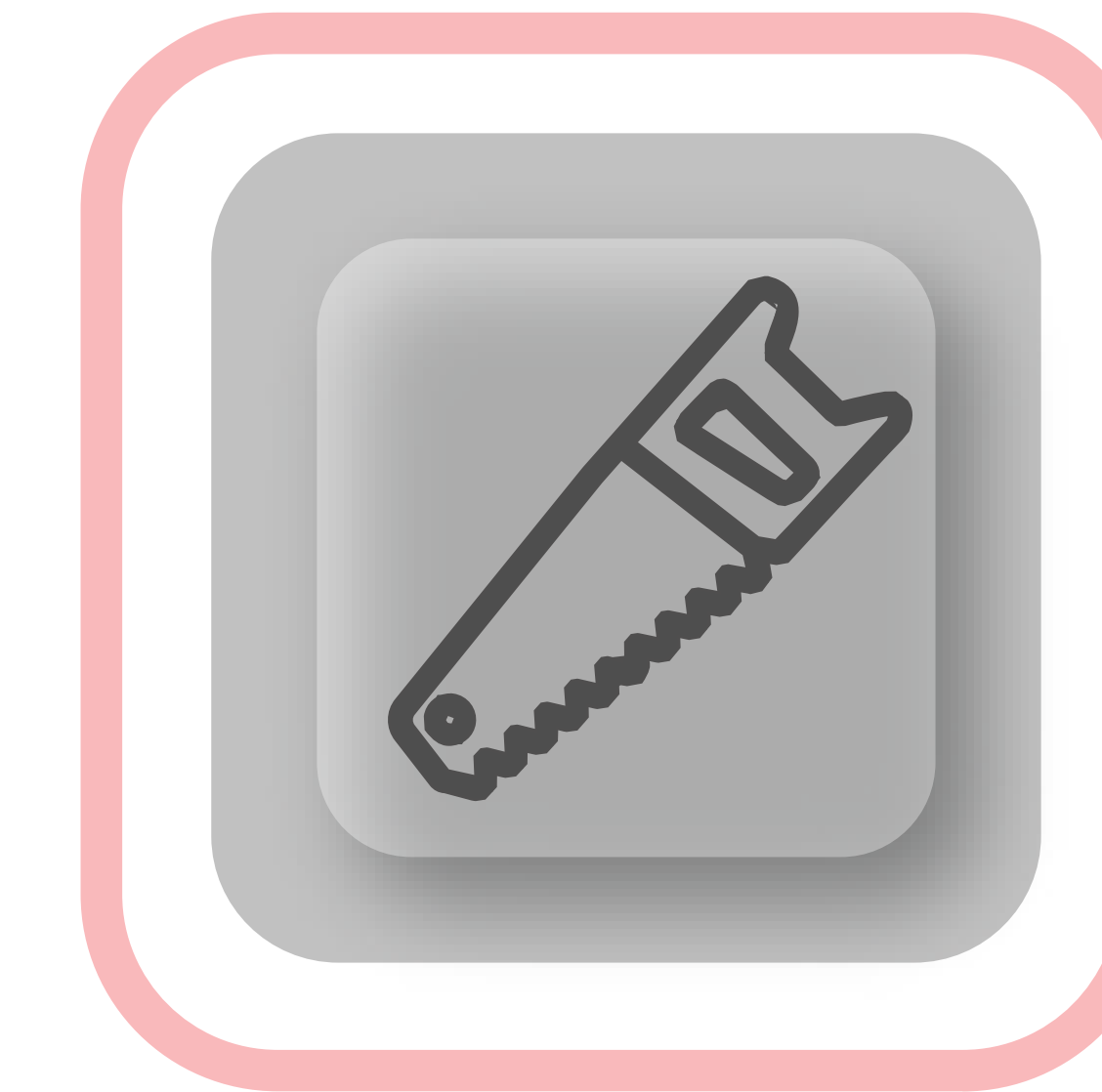
Manufactured to  
meet ASTM  
standards



## ECO-FRIENDLY MANUFACTURING



LEED  
Evaluated  
[Click here for  
LEED Dossier](#)



## EASIER & FASTER INSTALLATION



Prefabricated  
panels easy to  
cut and sand  
with conventional  
tools



## LOWER COST



Savings up to  
40% less

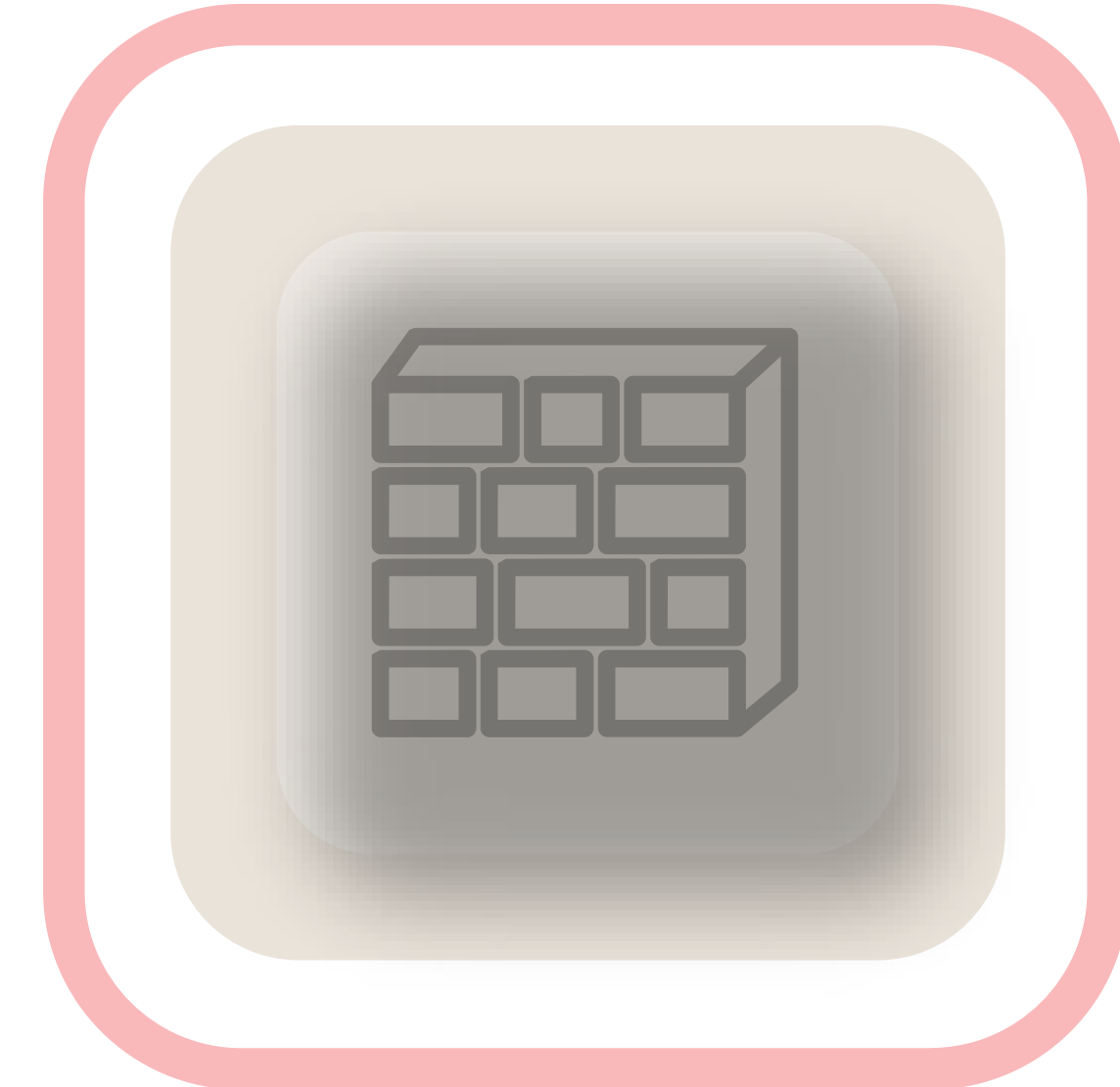
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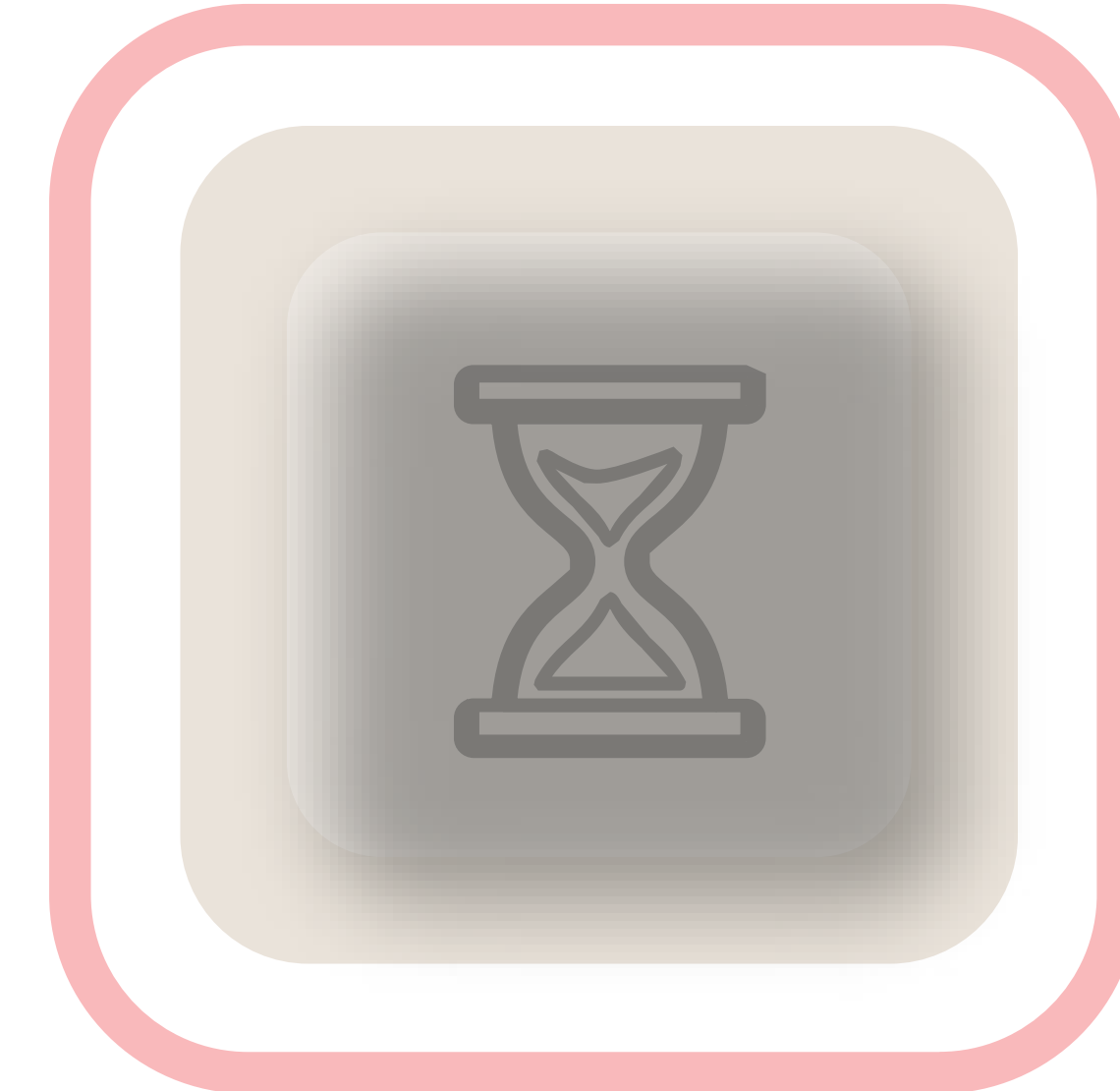
# BENEFITS OF THE HOME OWNER

**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE



## ROBUST MATERIAL

Strong exterior wall  
(No need for blocking)



## LONG LASTING

Does NOT deteriorate or crack over time



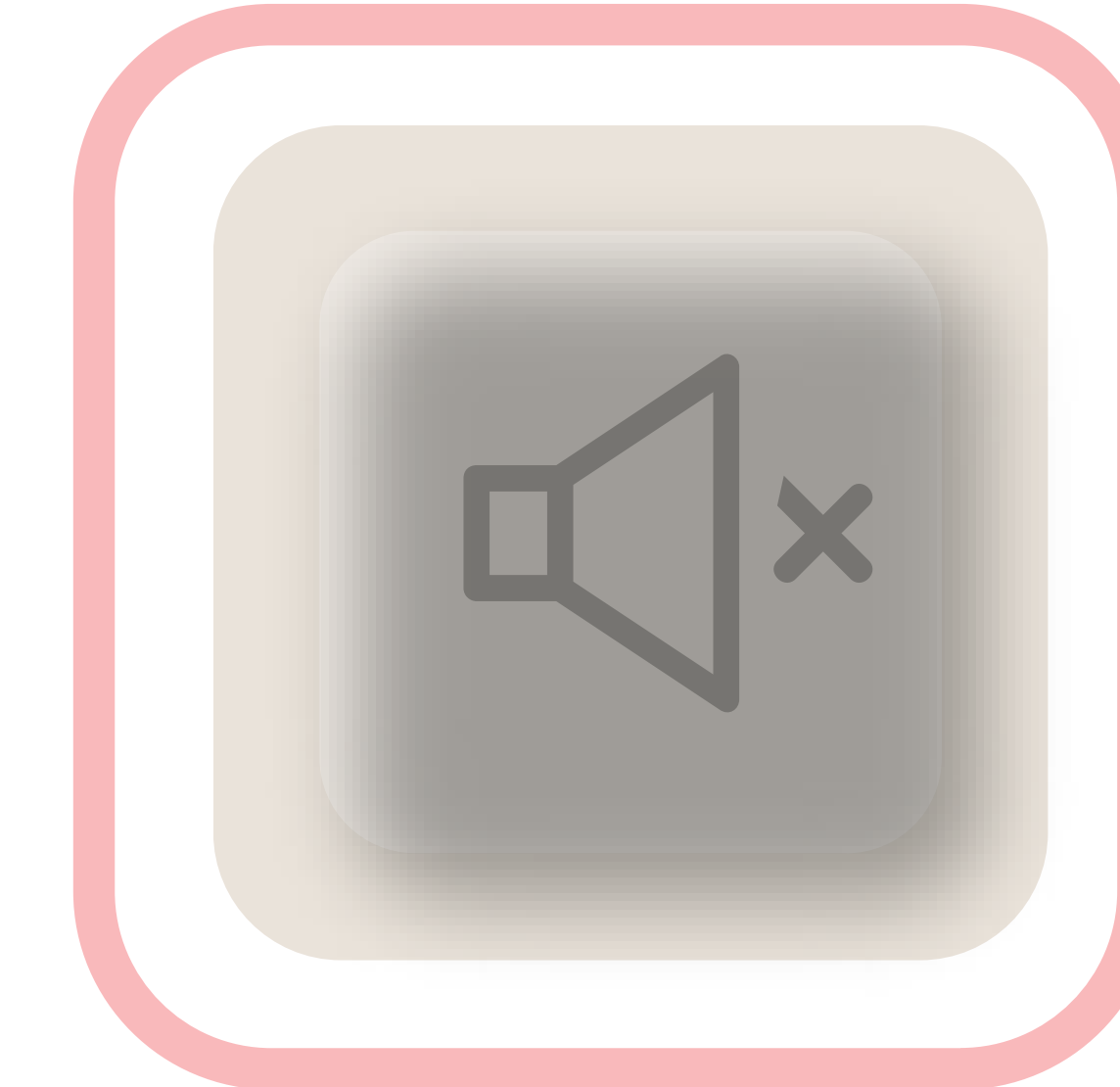
## FIRE RESISTANT

Up to 2hr fire resistance\*



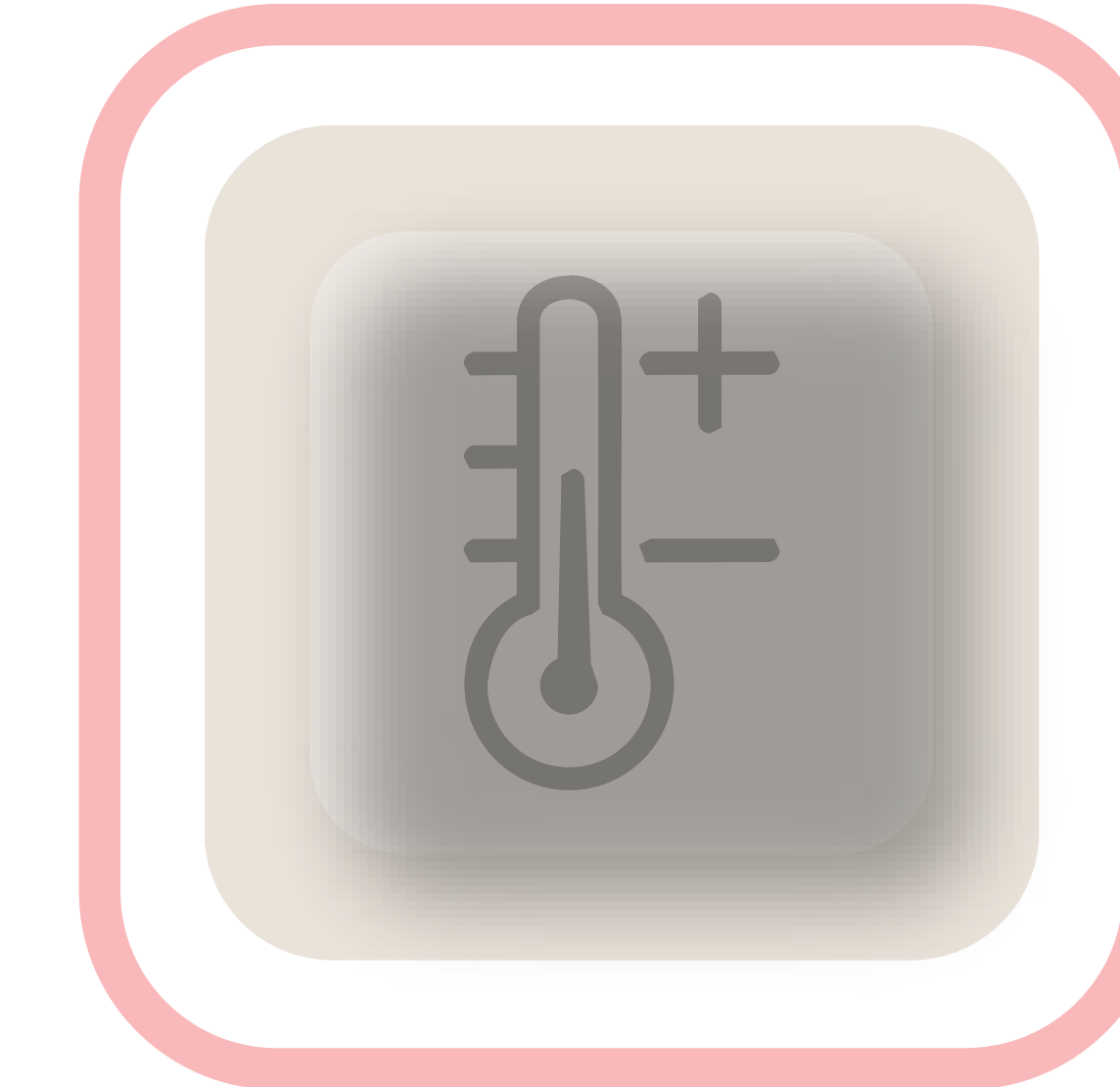
## WEATHER RESISTANT

Water resistant, does not form mold



## ACOUSTIC INSULATION

Reduces sound up to 57 STC\*



## THERMAL INSULATION

Superior continuous insulation



## ENERGY SAVINGS

Energy bill up to 40% lower

*\*Panel 3"*

### R VALUE

Litecon: 2.3  
3- Coat stucco: 0.20  
Fibre Cement: 0.37  
Cement Board: 0.3

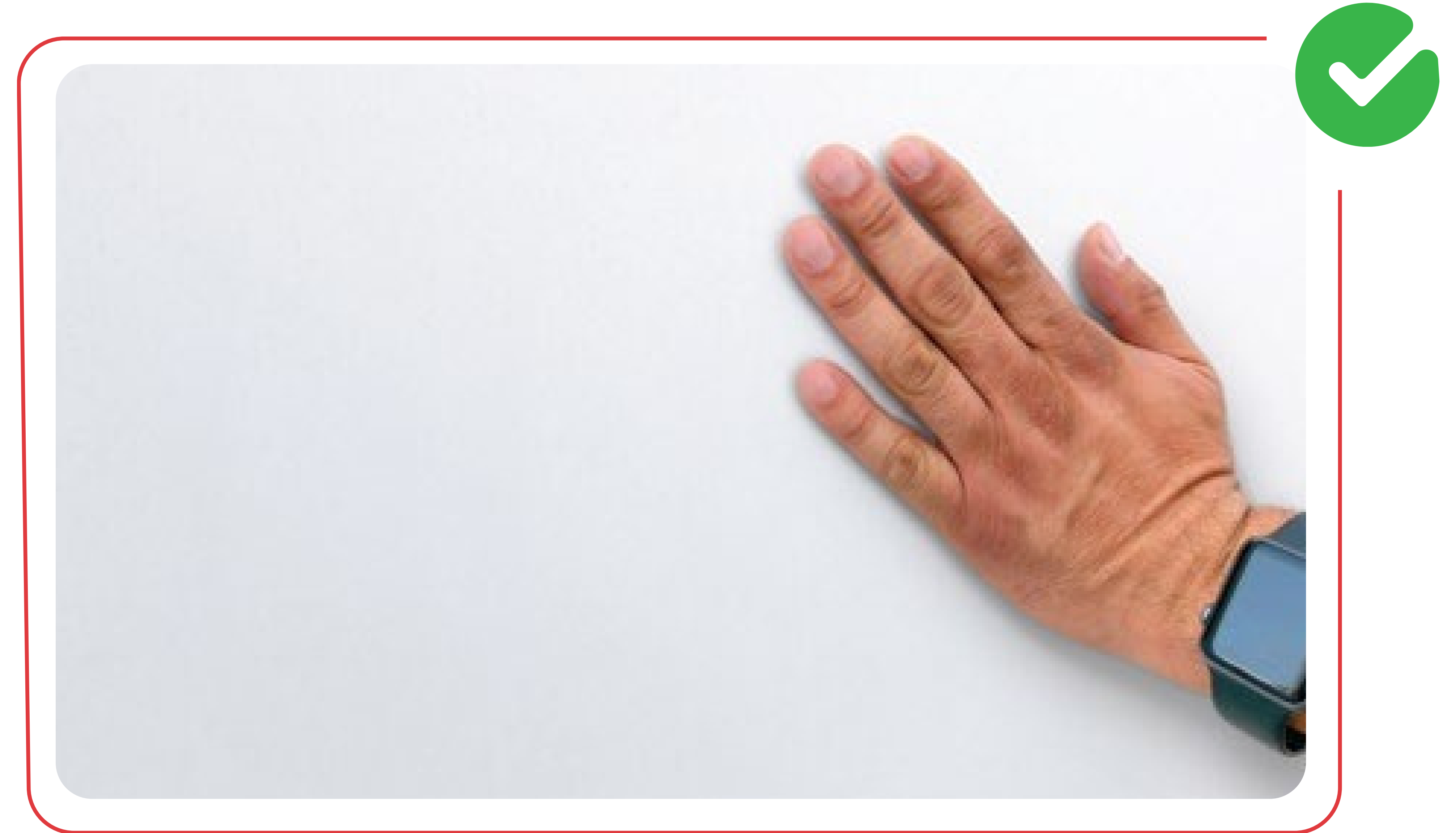
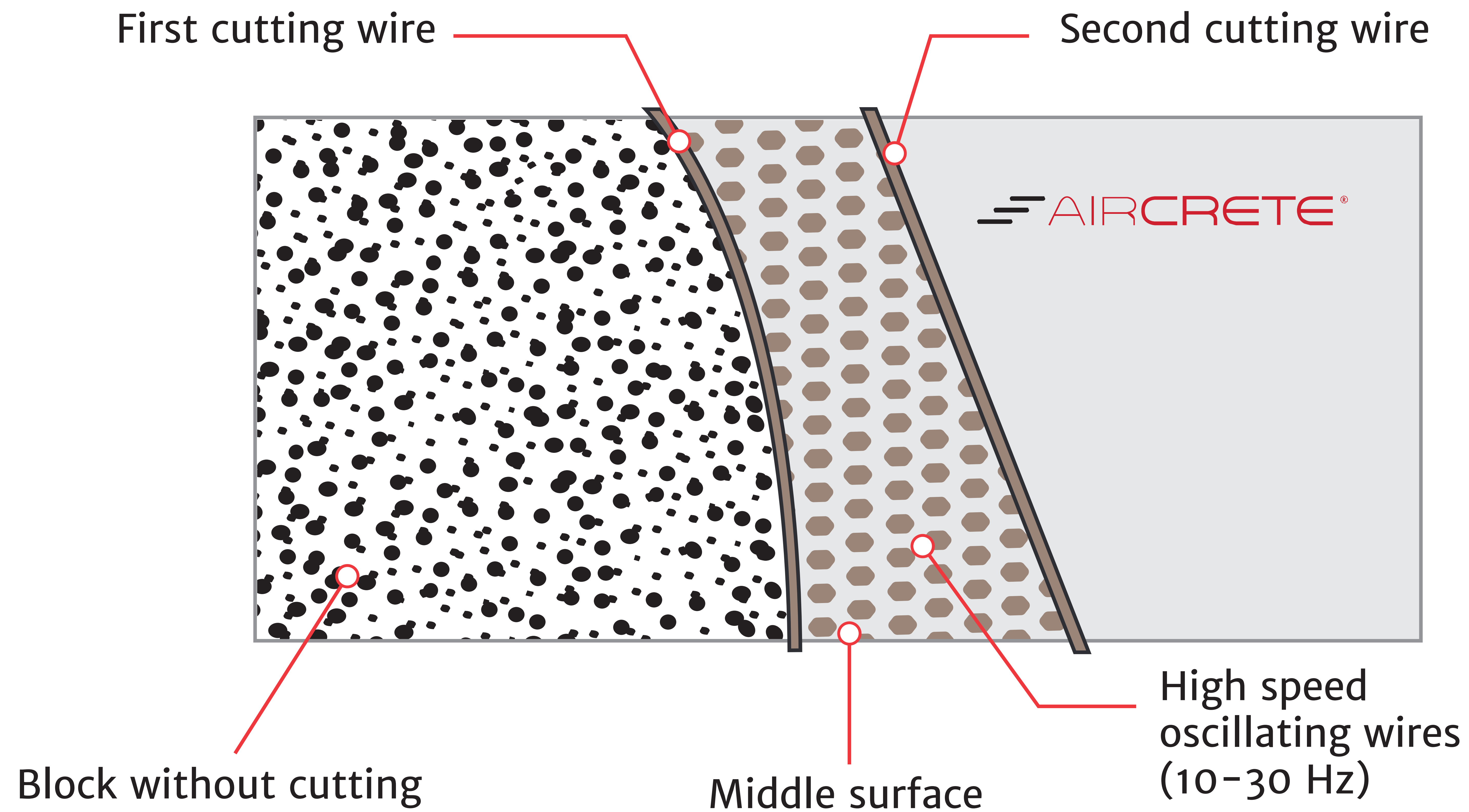




## SUPER SMOOTH FINISH

**FRAMECRETE**  
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☰ **Second cutting edge Technology** patented by **Aircrete®**



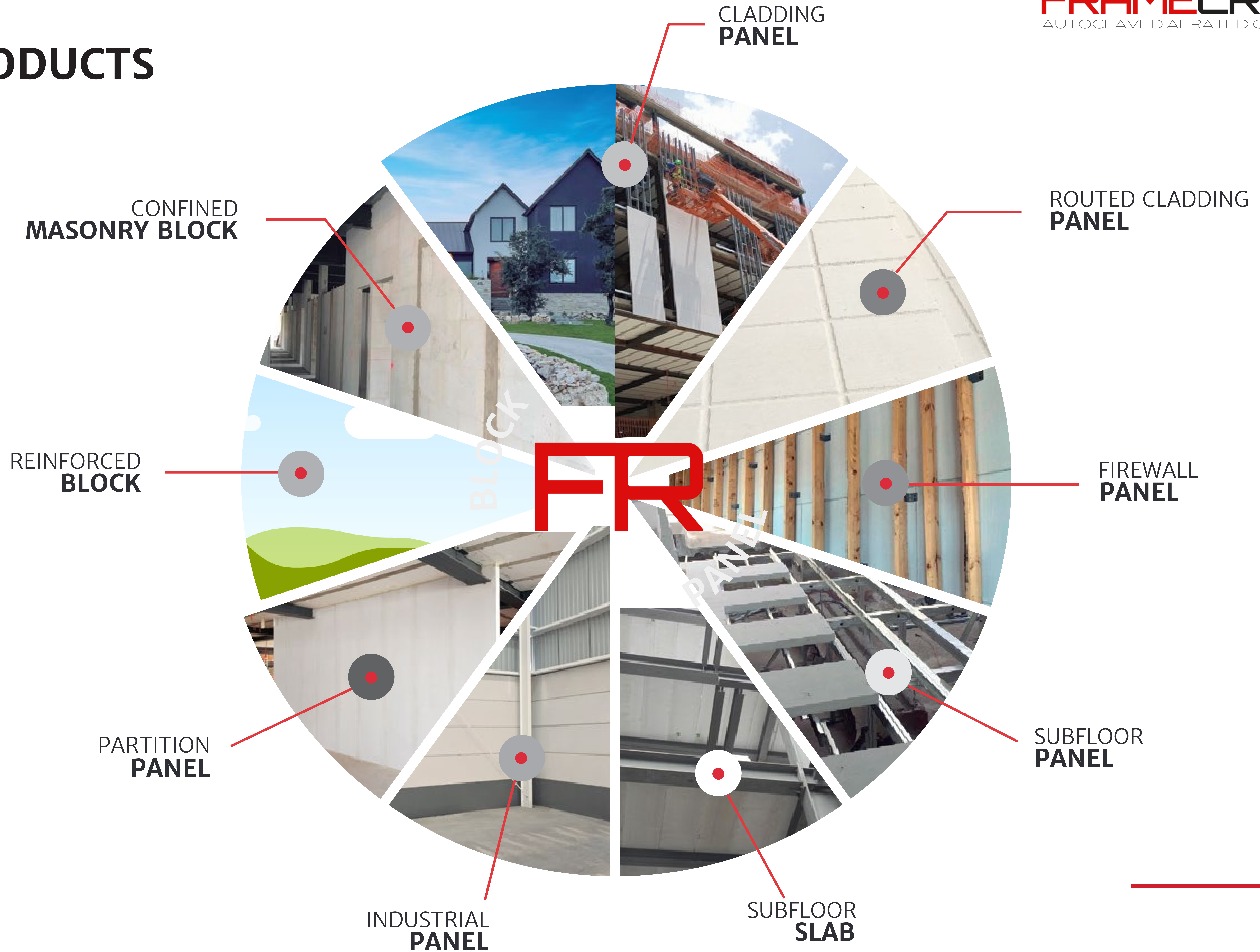
**Leaves a super smooth finish, leading to savings on finish coats**





# OUR PRODUCTS

**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE





CLADDING  
**PANEL**



**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE





## CLADDING PANEL

**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE

### DESCRIPTION:

Cladding Panels for traditional wood or steel frame system.

### ADVANTAGES:

R-Value: 2.3 Continuous insulation (vs Stucco 0.2 and Fiber cement siding 0.3)

Fast installation (700 ft<sup>2</sup> a day per 2-3 person crew)

Any finish can be applied: Stucco finish, plaster, veneer, sticky brick, brick, stone, siding

Super smooth finish great for savings on finish coat

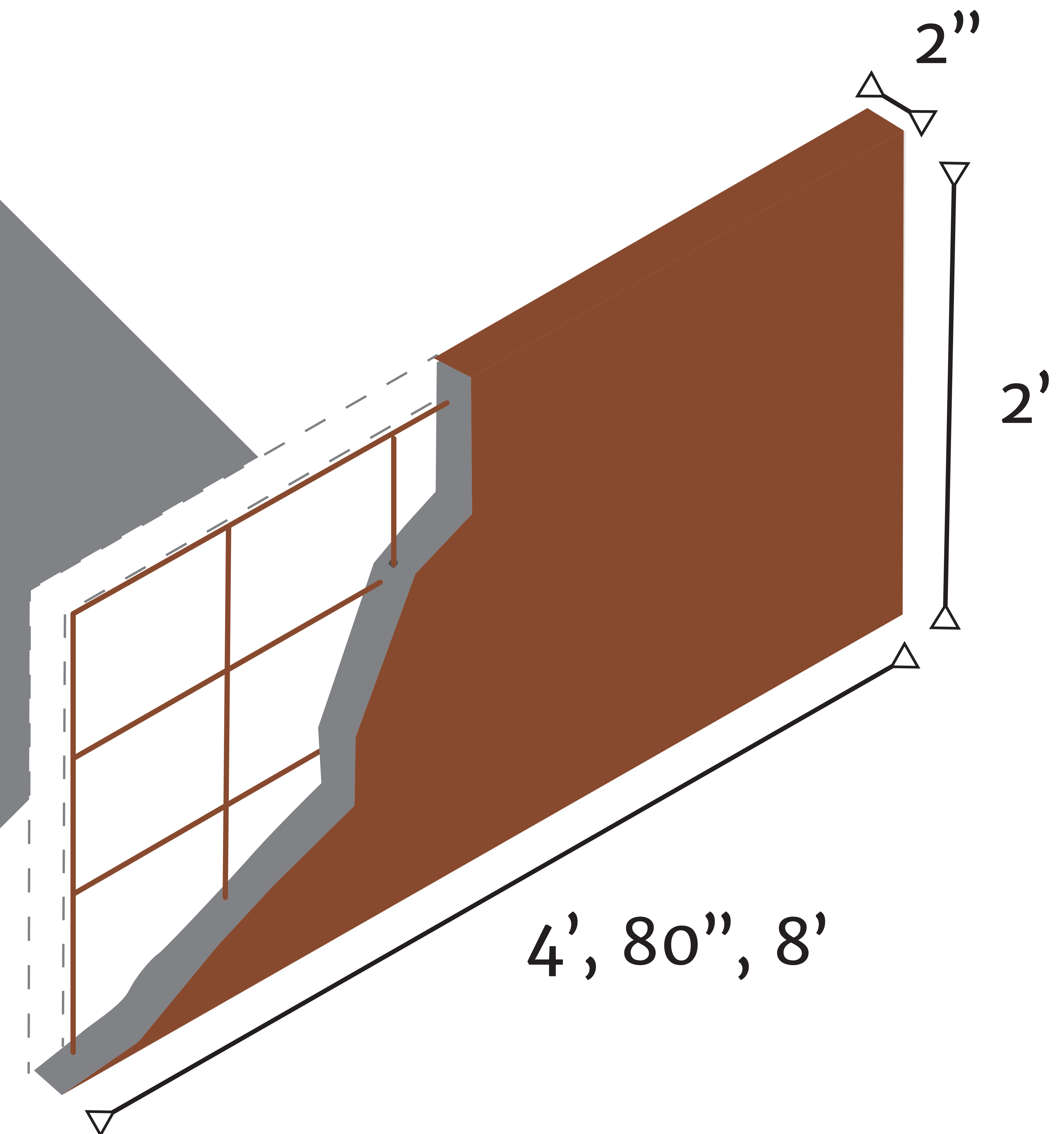
Does not sag, warp, deform or crack (joints remain invisible over time)

### APPLICATION:

Framecrete Cladding Panel is the sheathing and exterior wall. To install, directly fasten to wood or steel frames.

### WEIGHT:

5.12 lbs/ft<sup>2</sup>



Standard sizes 2" thick by 2' x 4', 2' x 80" & 2' x 8'. Steel reinforced with an 1/8" steel mesh.





ROUTED CLADDING  
**PANEL**



**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE



R|P

## ROUTED CLADDING PANEL

**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE

### DESCRIPTION:

Routed cladding panel with custom pattern design.

### ADVANTAGES:

Custom designs available

Easy finish: simply apply primer/sealant and paint

Does not sag, warp or crack (joints between panels remain invisible over time)

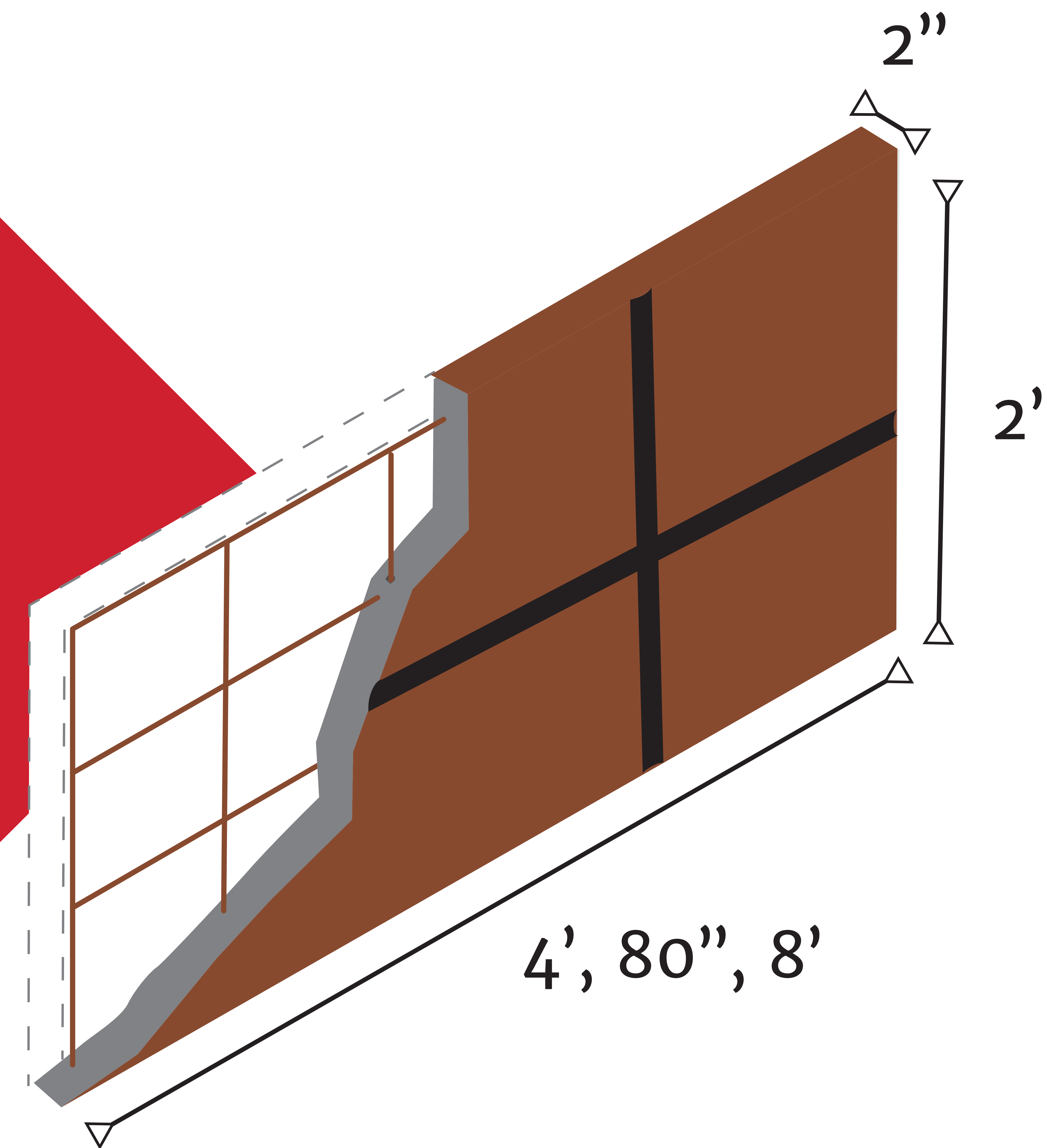
Uniform look with smooth finish

### APPLICATION:

Framecrete Cladding Panel is the sheathing and exterior wall. To install, directly fasten to wood or steel frames.

### WEIGHT:

5.12 lbs/ft<sup>2</sup>.



*Standard sizes 2" thick by 2' x 4', 2' x 80" & 2 x 8'. Steel reinforced with an 1/8" steel mesh.*



FRAMECRETE FIREWALL  
**PANEL**



**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE



LF|P

## FRAMECRETE FIREWALL PANEL

**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE

### DESCRIPTION:

Specially crafted AAC 2"-3" Panel for Firewalls.

### ADVANTAGES:

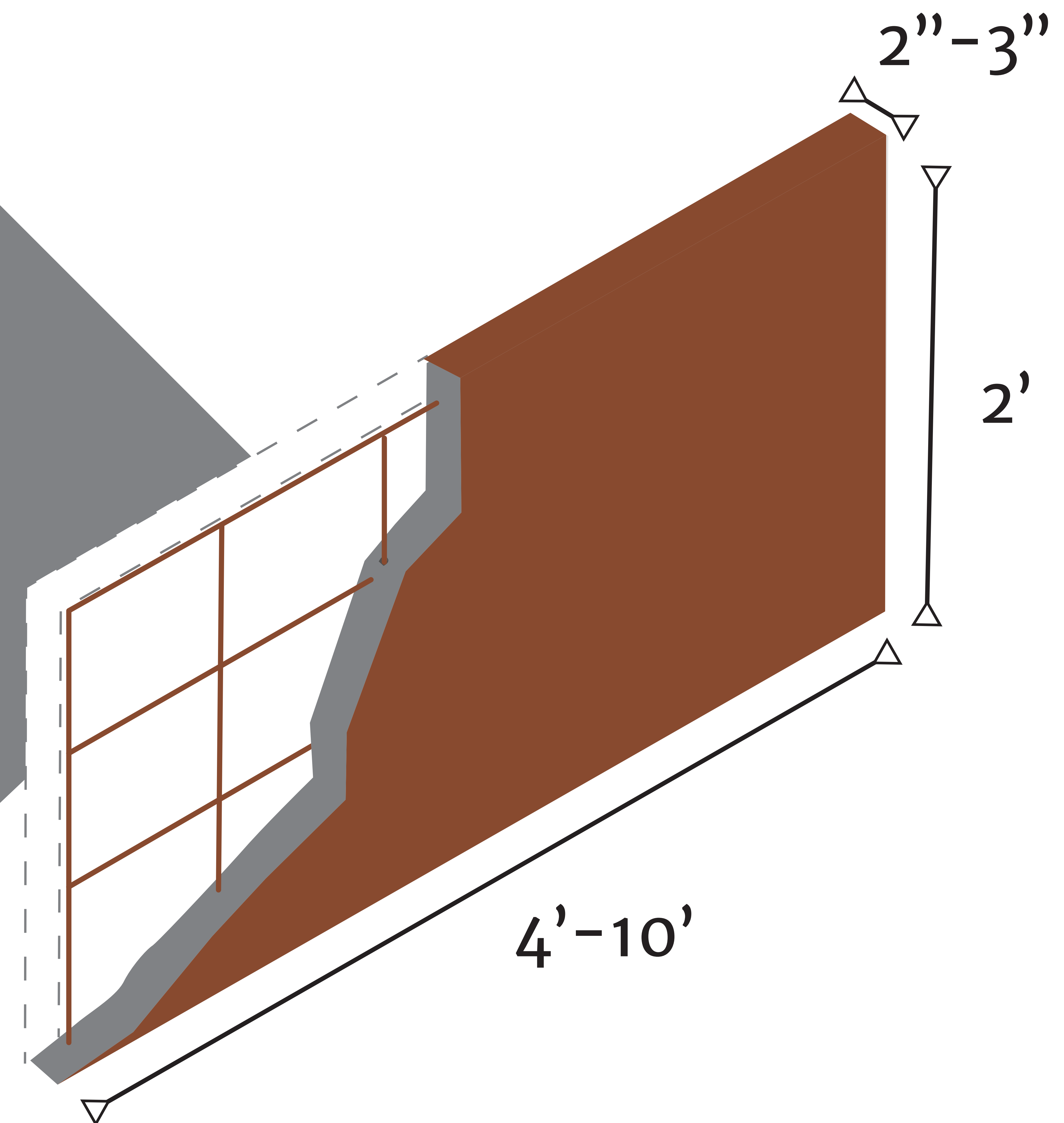
Fast installation during framing, no need for specialized labor  
Complies with 2 hour fire rating  
Highly acoustic, reduces 57 STC

### APPLICATION:

Sound absorbing 2 hour Firewalls, Shaftwalls, Area Separation Walls,  
Demising Walls and Party Walls.

### WEIGHT:

5.12-7.68 lbs/ft<sup>2</sup>.



Standard sizes 2"-3" thick x 2' x 4'-10'





SUBFLOOR  
**PANEL**



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SF|P

## SUBFLOOR PANEL

**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE

### DESCRIPTION:

Steel reinforced floor panel to accommodate supports at 16" or 24" O.C.

### ADVANTAGES:

Fast installation

Non labor intensive: no sanding needed to level subfloor

Fire resistant

Highly acoustic

Any type of flooring can be applied directly

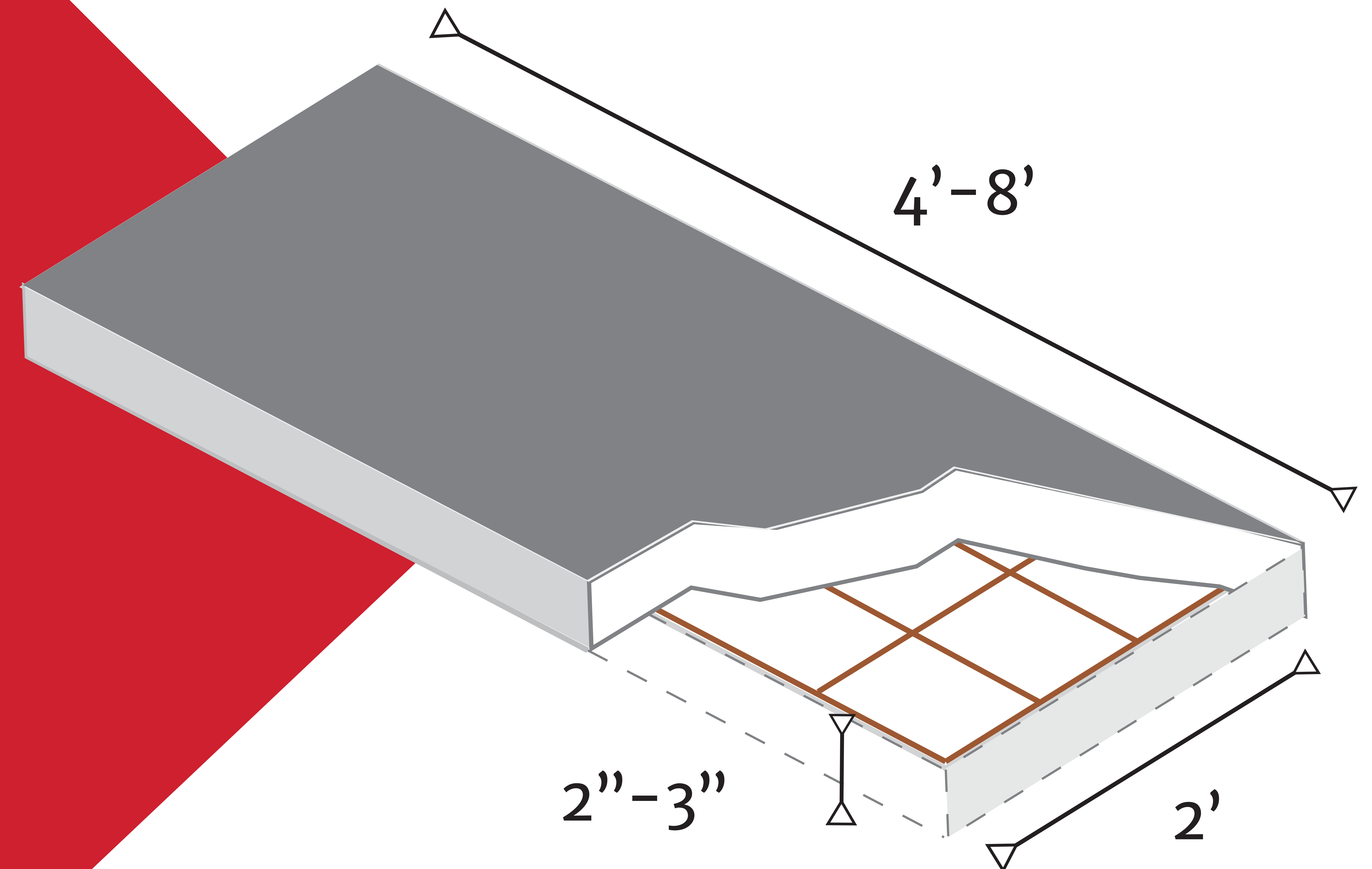
### APPLICATION:

Floor panels are directly fastened over wood or steel joists.

No need for plywood.

### WEIGHT:

5.12 lbs – 7.68 lbs per ft<sup>2</sup>.



*Standard sizes 2" – 3" thick x 2' x 4' – 8'.*





SUBFLOOR  
**SLAB**







## SUBFLOOR SLAB

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### DESCRIPTION:

Steel reinforced subfloor slab. Designed to be placed over steel supports at greater separation.

### ADVANTAGES:

Fast Installation

Reduces structural costs due to light weight

Requires less framing (allows for more separation between supports)

Eliminates on-site casting for sturdy subfloor

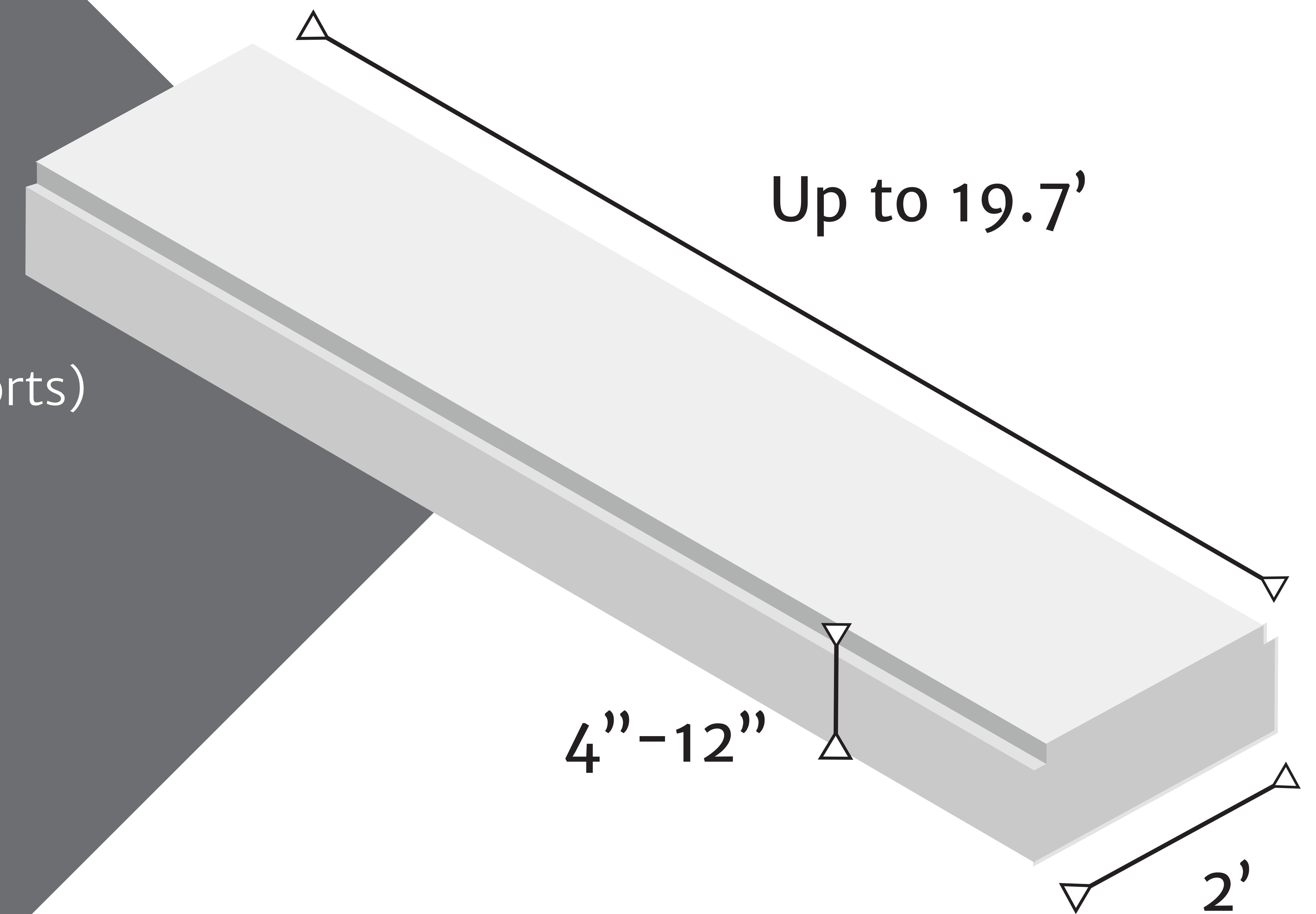
### APPLICATION:

Subfloors.

Panels can be attached directly over steel frames, concrete or confined masonry walls.

### WEIGHT:

12.3 lbs/ft<sup>2</sup> for 4" thick panel.





INDUSTRIAL  
**PANEL**



**FRAMECRETE**  
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## INDUSTRIAL PANEL

**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE

### DESCRIPTION:

Steel reinforced panel for industrial walls and fences.

### ADVANTAGES:

Fast Installation

Some applications may not require adhesive

Thermal, acoustic and fire resistant characteristics, resulting in a comfortable, safe and productive work space

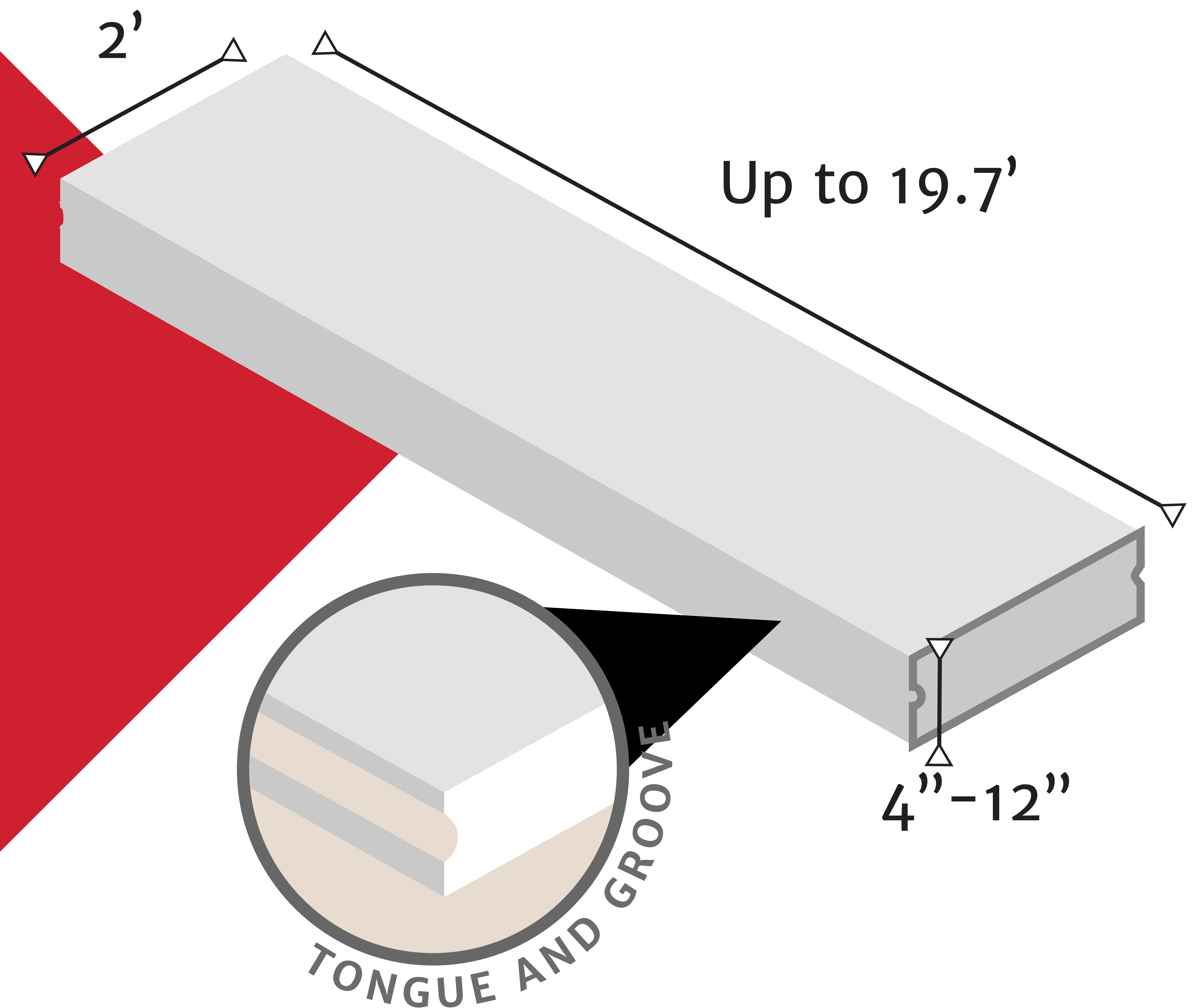
### APPLICATION:

Industrial warehouses and fences.

Panels can be attached directly over steel frames, concrete or structural members.

### WEIGHT:

12.3 lbs/ft<sup>2</sup> for 4" thick panel.





PARTITION  
**PANEL**





P|P

## PARTITION PANEL

**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE

### DESCRIPTION:

Steel reinforced demising wall panel. Single panel from floor to ceiling.

### ADVANTAGES:

Fastest and most efficient installation on the market

Supports direct attachment of heavy loads (TV, cabinets, etc.)

Solid partition wall, resistant to structural movements, will not drift or deflect

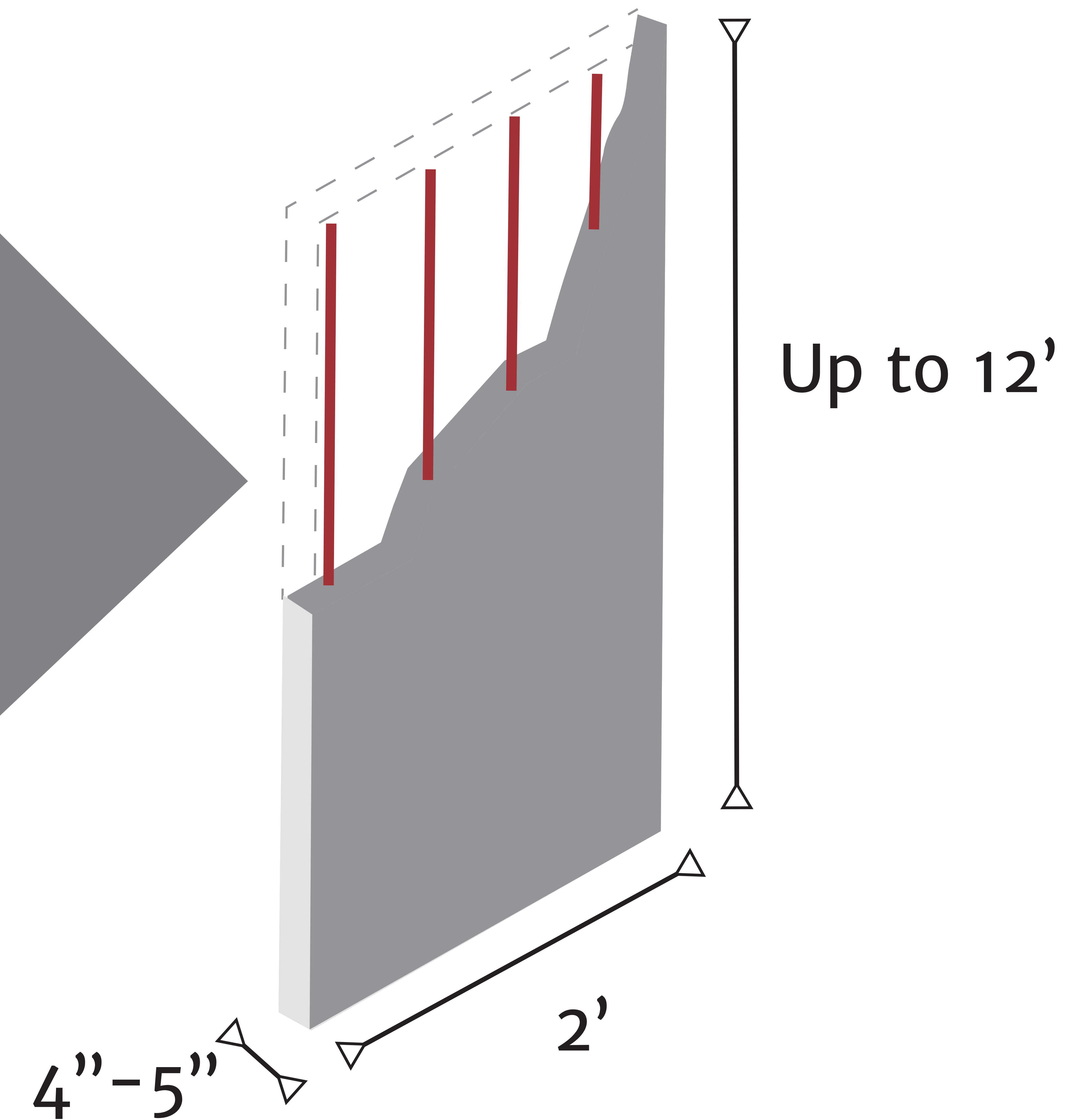
Does not require additional reinforcement

### APPLICATION:

Non-load bearing partition walls up to 12'.

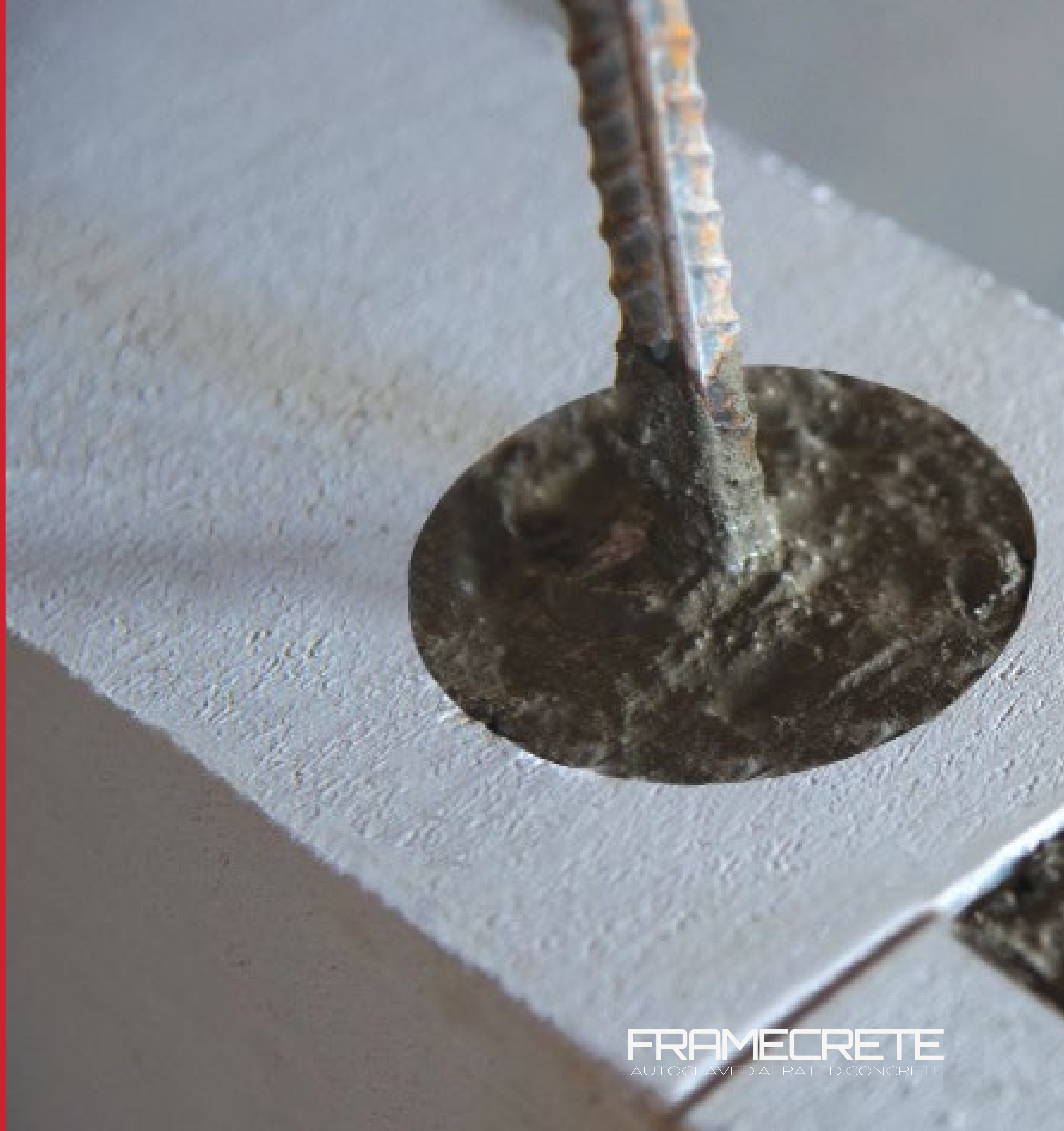
### WEIGHT:

10.7 lbs/ft<sup>2</sup> for 4" thick panel.





REINFORCED  
**BLOCK**



**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE



R|B

## REINFORCED BLOCK

**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE

### DESCRIPTION:

Cored blocks to be filled with steel rebar and concrete for load bearing walls.

### ADVANTAGES:

Does not require additional structural support, no need of beams and columns

Savings of 50% in rebar and concrete compared with CMU Block

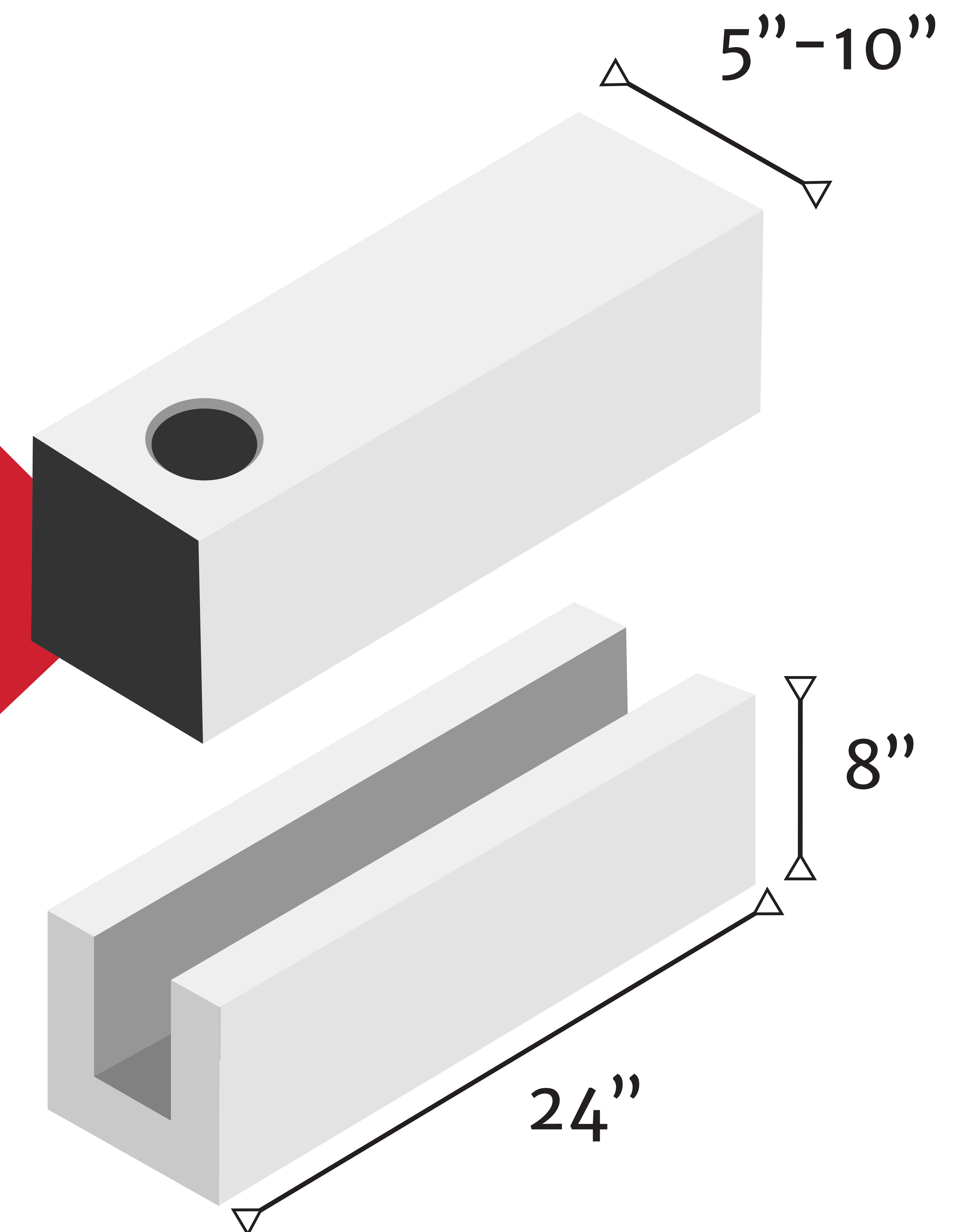
### APPLICATION:

Load bearing, partition and exterior walls.

### WEIGHT:

15 lbs/ft<sup>2</sup> for 5" thick block\*.

*\*Net weight without rebar and concrete.*





CONFINED MASONRY  
**BLOCK**



**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE



C|B

## CONFINED MASONRY BLOCK

**FRAMECRETE**  
AUTOCLAVED AERATED CONCRETE

### DESCRIPTION:

Solid, lightweight modular block, confined with concrete columns and beams.

### ADVANTAGES:

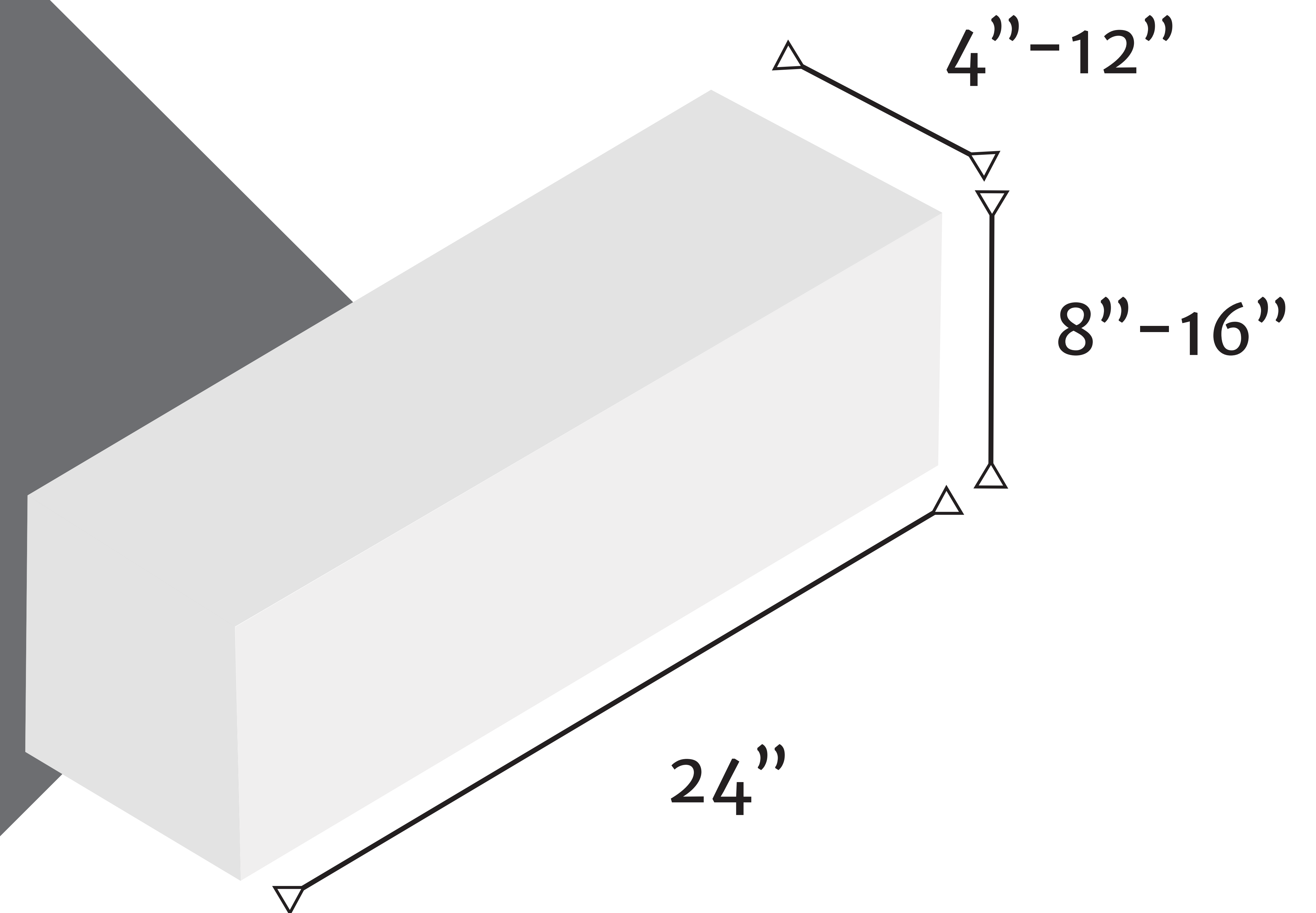
- 60% lighter than CMU Block
- Large dimension block
- Faster installation compared to CMU Block
- High quality and smooth finish

### APPLICATION:

Load bearing and structural walls.

### WEIGHT:

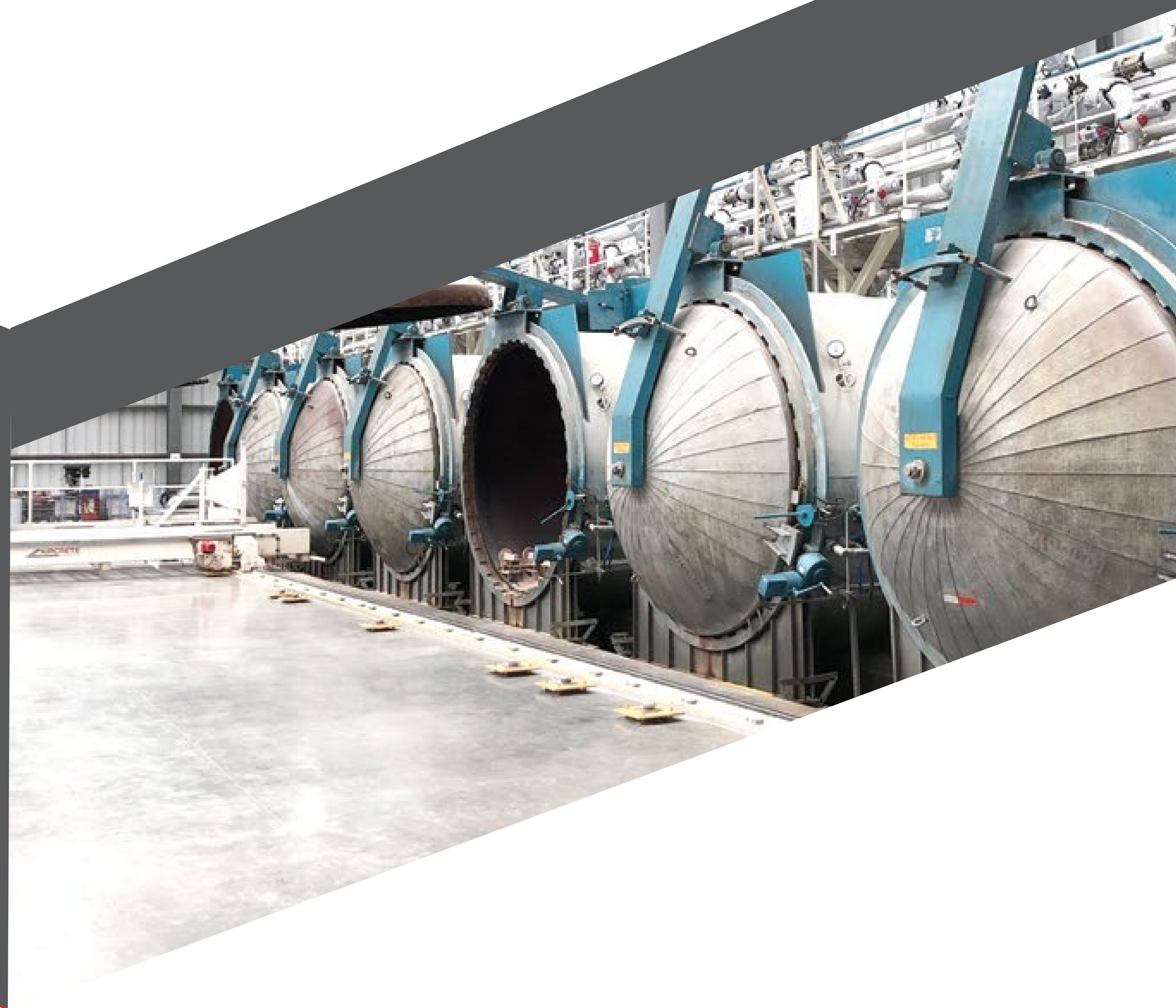
12 lb/ft<sup>2</sup> for 4" thick block.





# FRAMECRETE

AUTOCLAVED AERATED CONCRETE



 +52 55 7475 8376

 [info@framecrete.com](mailto:info@framecrete.com)

[framecrete.com](http://framecrete.com)

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