



AMERICAN  
FIBER CEMENT

# PRODUCT CATALOG

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

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Littleton, CO 80128 USA





## Distinct Properties



### Easy Handling

AFC fiber cement panels are flexible, easy to handle, and can be cut to size to be ready for installation. This lowers installation costs and reduces construction time.



### Non-combustible

The panels are non-combustible, ensuring a safe building.

\*ASTM E84 & ASTM E136



### Low Maintenance

With their impressive ability to resist mold and algae, the panels create a long-lasting facade, saving on costly repairs or repaints.



### Sound & Weather Resistant

AFC fiber cement panels deliver optimal sound and weather insulation, protecting against freezing, thawing, heat, and water. The panels retain their shape at all times.

# A UNIQUE COMPOSITION

## Green Footprints

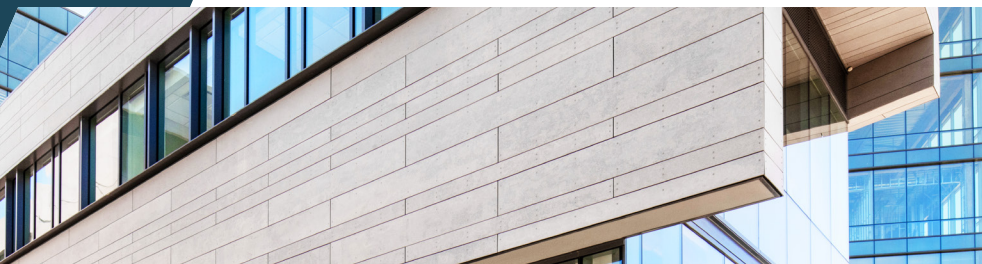
A comprehensive analysis of the environmental impact of the panels can be made from AFC's EPDs in accordance with EN 15804 on the Sustainability of Construction Works. The EPDs provide a Life-Cycle Assessment, manufacturing process details, and information on the use of any dangerous materials. These EPDs are available online.

## Strong Recipe

The secret behind the strength and durability of fiber cement panels is in the manufacturing technology. Thin layers of fiber cement are layered on top of each other and pressed firmly together under tremendous pressure before completing a curing process. Reinforced by carefully selected fibers, the many thin layers give the fiber cement cladding strength with few peers in the world of building materials.

## Natural Ingredients

With the strong composition of cement, mineral fillers, cellulose, and non-toxic, organic fibers, AFC fiber cement panels are made from natural, environmentally friendly, raw materials — creating sustainable, fully reusable panels.







## EXPLORE OUR --- PRODUCT LINES

### AFC Stone

Formerly Cembrit Patina

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### AFC Blast

Formerly Cembrit Patina Rough

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### AFC Groove

Formerly Cembrit Patina Inline

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### AFC Core

Formerly Cembrit Solid

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### AFC Matte

Formerly Cembrit Transparent

---

### AFC Rustic

Formerly Cembrit Deco

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### AFC Minerit

Formerly Minerit HD

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### AFC Surface

Formerly Cembrit Cover

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NM 5TH DISTRICT COURT

1010 East Central Ave.  
Crownpoint, NM 87001



# AFC Stone (formerly Cembrit Patina)

## U.S. SQUARED & TRIMMED SIZES \*at additional cost

Thickness  
8 mm

Width  
48 in.

Length  
96 in.  
119.875 in.

Weight  
2.6 lbs/ft<sup>2</sup>

## U.S. UNTRIMMED SIZES

Length  
98.4 in. (2,500 mm)  
120.1 in. (3,050 mm)

Width  
49.2 in.  
(1,250 mm)



## ABOUT

AFC Stone's finely sanded surface adds a subtle finish to any project. Its natural characteristics are enhanced with age, leaving weathered traces on the surface that give the facade a distinctive aesthetic and nostalgic warmth.

## FEATURES

- Natural, raw fiber surface
- Fine sanding lines for enhanced texture
- Weathering enhances the appearance of any structure
- Available in 11 colors

## BENEFITS

- Unique, subtle variations
- Resilient against wear-and-tear
- Non-combustible
- Maintenance-free
- Resistant to mold and fungi
- Weathers and brightens over time

### GRAYS



Granite 020



Graphite 050



Flint 070

### REDS



Tufa 313



Magma 323



Adobe 333



Ruby 343

### YELLOWS



Sand 545



Amber 565

### GREENS



Emerald 626

### WHITES



Pearl 222



# AFC Blast

(formerly Cembrit Patina Rough)

AFC Blast has a rugged, textured surface and stone-like finish that adds character to any building. When combined with other products from the AFC design line, it creates varied compositions for a natural-looking facade that requires minimal maintenance.

## U.S. SQUARED & TRIMMED SIZES

- Thickness  
8 mm
- Width  
48 in.
- Length  
96 in.  
119.875 in.
- Weight  
2.6 lbs/ft<sup>2</sup>

\*at additional cost

## U.S. UNTRIMMED SIZES

- Length  
98.4 in. (2,500 mm)  
120.1 in. (3,050 mm)
- Width  
49.2 in. (1,250 mm)

## GRAYS



Granite 020

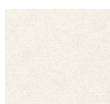


Graphite 050



Flint 070

## WHITE



Pearl 222

## TAN



Sand 545

## FEATURES

- Natural, authentic look
- Five timeless color options
- Stone-like finish adds character

## BENEFITS

- Unique, subtle variations
- Resilient against wear-and-tear
- Non-combustible
- Maintenance-free
- Resistant to mold and fungi
- Weathers and brightens over time

# AFC Groove

(formerly Cembrit Patina Inline)

AFC Groove gives your project strength and durability. Its milled linear grooves add a 3D effect and offer the ability to create custom squares or triangles. Its distinct pattern creates a vibrant look that changes throughout the day. Over time, the surface will weather, enhancing its natural appearance.

## U.S. SQUARED & TRIMMED SIZES

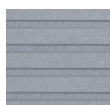
- Thickness  
9.5 mm (non-grooved areas), 8 mm (grooved areas)
- Width  
48 in.
- Length  
96 in.  
119.875 in.
- Weight  
2.9 lbs/ft<sup>2</sup>

\*at additional cost

## U.S. UNTRIMMED SIZES

- Length  
98.4 in. (2,500 mm)  
120.1 in. (3,050 mm)
- Width  
49.2 in. (1,250 mm)

## GRAYS



Granite 020



Graphite 050



Flint 070

## WHITE



Pearl 222

## TAN



Sand 545

## FEATURES

- Milled grooves
- Dimensional effect
- Vibrant look that changes throughout the day

## BENEFITS

- Unique, subtle variations
- Resilient against wear-and-tear
- Non-combustible
- Maintenance-free
- Resistant to mold and fungi
- Weathers and brightens over time



# BUILDING FOR THE FUTURE

## Product Sustainability

AFC is committed to providing the highest quality, high-density compressed fiber cement panels to the U.S. and Canadian building markets. To do this, it's necessary to provide products that are not only high-quality, but also sustainable and suitable for green (LEED) building projects.

AFC products currently have a potential contribution to various LEED credits, including but not limited to:

## Direct Contribution

### MATERIALS & RESOURCES

- BPDO – Environmental Product Declarations

## Indirect Contribution

### INDOOR ENVIRONMENTAL QUALITY

- Thermal Comfort

### ENERGY & ATMOSPHERE

- Optimize Energy Performance

AFC panels are sustainable and incredibly durable. With their long lifespan that requires minimal refurbishment, AFC panels don't have to be replaced as often as its competitors' panels – saving money and materials in the long run.

The Ventilated and Insulated Rainscreen Cladding (VIRSC) system, used to affix AFC panels to the exterior of a structure, offers many benefits and green attributes to the performance of the building envelope. The result is a durable structure with resistance to moisture and mold, and the ability to accommodate external insulation.

In addition, AFC is dedicated to further research and analysis of our products to achieve additional LEED credits and help further the cause of building sustainable and efficient buildings.

Warranty info available upon request.









# AFC Core (formerly Cembrit Solid)

## U.S. SQUARED & TRIMMED SIZES \*at additional cost

|                   |                                   |
|-------------------|-----------------------------------|
| Thickness<br>8 mm | Weight<br>3.2 lbs/ft <sup>2</sup> |
|-------------------|-----------------------------------|

|                             |                 |
|-----------------------------|-----------------|
| Length<br>96 in.<br>120 in. | Width<br>48 in. |
|-----------------------------|-----------------|

## U.S. UNTRIMMED SIZES

|   |                               |
|---|-------------------------------|
| Length<br>99.6 in. (2,530 mm)<br>120.9 in. (3,070 mm) | Width<br>50 in.<br>(1,270 mm) |
|---|-------------------------------|



AFC Core is a through-colored panel with an acrylic paint surface. It's designed this way so it closely matches the surface's acrylic paint layer. This means if you choose the AFC Core product line for your façade, every edge of the board will feature the same hue as the surface color, giving the wall an unblemished appearance. Also available in custom surface colors.

## FEATURES

- Fully covered, 100% acrylic paint
- 18 rich colors
- Intense sheen
- Smooth, strong surface

## BENEFITS

- Green moss-resistant
- Algae-resistant
- Perfect for extreme weather
- Non-combustible
- Excellent UV stability

|         |             |            |            |              |
|---------|-------------|------------|------------|--------------|
| GRAYS   |             |            |            |              |
|         | Mercury 030 | Orcus 071  |            |              |
| BLACKS  |             |            |            |              |
|         | Pluto 101   | Juno 131   | Pallas 151 | Erebus 191   |
| WHITES  |             |            |            |              |
|         | Luna 212    | Saturn 282 |            |              |
| REDS    |             |            |            |              |
|         | Jupiter 334 | Mars 353   |            |              |
| YELLOWS |             |            |            |              |
|         | Venus 515   | Triton 525 |            |              |
| GREENS  |             |            |            |              |
|         | Rhea 606    | Ceres 616  | Terra 656  | Callisto 676 |
| BLUES   |             |            |            |              |
|         | Neptune 747 | Mimas 757  |            |              |



# AFC Matte (formerly Cembrit Transparent)

## U.S. SQUARED & TRIMMED SIZES \*at additional cost

|                             |                                   |
|-----------------------------|-----------------------------------|
| Thickness<br>8 mm           | Weight<br>3.2 lbs/ft <sup>2</sup> |
| Length<br>96 in.<br>120 in. | Width<br>48 in.                   |

## U.S. UNTRIMMED SIZES

|   |                               |
|---|-------------------------------|
| Length<br>99.6 in. (2,530 mm)<br>120.9 in. (3,070 mm) | Width<br>50 in.<br>(1,270 mm) |
|---|-------------------------------|

The textured nuances and natural characteristics of AFC Matte, combined with the long-lasting performance of its transparent top coat, create a unique look that highlights fibers and other raw materials, giving the panel its strength and character. The durable coating protects the panel and ensures a smooth surface with a long service life.

### FEATURES

- Semi-matte surface
- Crisp, muted appearance
- 15 color options

### BENEFITS

- Treated to enhance coloration
- Treated to improve dirt resistance
- Non-combustible
- Excellent UV stability

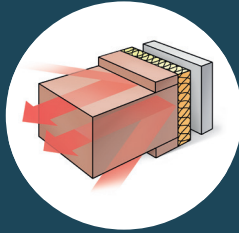
### GRAYS BLACKS WHITES REDS YELLOWS GREENS BLUES

|                   |                 |            |          |
|-------------------|-----------------|------------|----------|
|                   |                 |            |          |
| Mediterranean 020 | Olympus 030     |            |          |
|                   |                 |            |          |
| Arabian 101       | Kilimanjaro 111 | Denali 161 | Etna 171 |
|                   |                 |            |          |
| Antarctic 242     | Blanc 252       | Sahara 262 |          |
|                   |                 |            |          |
| Kalahari 373      | Vesuv 383       |            |          |
|                   |                 |            |          |
| Mojave 505        | Gobi 515        |            |          |
|                   |                 |            |          |
| Sonoran 626       |                 |            |          |
|                   |                 |            |          |
| Caribbean 737     |                 |            |          |



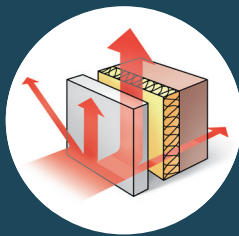


# INNOVATIVE RAINSCREEN CLADDING



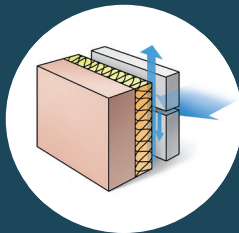
## Preventing Thermal Bridges

Because the insulating material is outside the structural wall, it can easily be mounted without interruptions caused by floor slabs. This way, any thermal bridges that occur at each floor slab can be prevented. These thermal bridges are also the cause of surface condensation that may result in fungus growth.



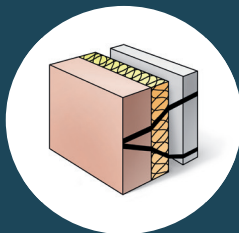
## Dissipating Heat from the Sun

The ventilated rainscreen cladding system has a cooling effect when temperatures outside are high. Most of the sun's rays are reflected away from the building, and heat passing through the exterior wall panel is partially dissipated by the ventilating effect of the space between the exterior cladding panel and the structural wall. Any residual heat managing to penetrate buildings is minor.



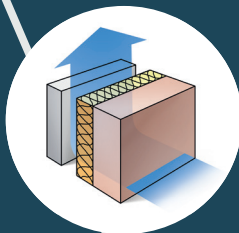
## Rainscreen Cladding

Architectural wall-cladding panels act as a rainscreen on the outside of the building and keep the structural wall absolutely dry. The air space connected to the outside air evacuates water and humidity that can penetrate behind the wall-cladding panels through its horizontal or vertical joints. Water will never reach the load-bearing wall and/or the thermal insulation.



## Protecting the Basic Structure and Load-Bearing Wall Against Temperature Variations

Because the insulation material is applied to the outside of the building, changes in temperature are minor compared to those found in conventional constructions where insulation is applied on the interior. This principle works in both hot and cold climates.



## Prevention of Internal Condensation

Insulation material can be applied to the outside of the structural wall because it is protected by the architectural exterior wall panel. Due to differences in vapor pressure and temperature passing through the wall, condensation has been shown to occur close to the ventilated area and not in the structural wall itself. As a result, the ventilating effect is sufficient to dry out the thermal insulating material.



# AFC Rustic

(formerly Cembrit Deco)

The coated surface of AFC Rustic adds a smooth yet natural appearance to a project. The directional grain is visible through the acrylic paint, and the panels are light and durable, making them easy to install.

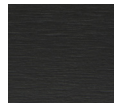
## WHITES BLACKS GRAYS



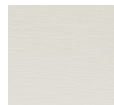
Fossil 030



Charcoal 100



Carbon 190



Cirrus 212

## REDS YELLOWS GREENS



Sienna 330



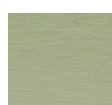
Chestnut 350



Aspen 555



Wheat 562



Sage 600

### U.S. SQUARED & TRIMMED SIZES

Thickness  
8 mm

Width  
46 in.

Length  
96 in.  
119.875 in.

Weight  
2.6 lbs/ft<sup>2</sup>

\*at additional cost

### U.S. UNTRIMMED SIZES

Length  
98.4 in. (2,500 mm)  
120.1 in. (3,050 mm)

Width  
46.9 in. (1,192 mm)

## FEATURES

- Rustic coated surface
- Directional grain is visible through acrylic paint
- Painted edges

## BENEFITS

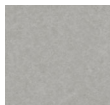
- Excellent UV stability
- Resistant to moss, algae, staining, and surface dirt
- Maintenance-free
- Long lifespan
- Flexibility in design with horizontal or vertical joints and board orientation
- Non-combustible

# AFC Minerit

(formerly Minerit HD)

AFC Minerit is an uncoated panel that allows the clean, raw fiber cement material to stand out. This construction panel is used for designs that look best with a natural expression. Without pigmentation, the look of the panels varies, giving a vibrant look to the facade.

## RAW



### U.S. SQUARED & TRIMMED SIZES

Thickness  
4 mm, 6 mm,  
8 mm, or 10 mm

Width  
48 in.

Length  
96 in.  
120 in.

Weight  
4 mm - 1.6 lbs/ft<sup>2</sup>  
6 mm - 2.3 lbs/ft<sup>2</sup>  
8 mm - 3.1 lbs/ft<sup>2</sup>  
10 mm - 3.9 lbs/ft<sup>2</sup>

\*at additional cost

### U.S. UNTRIMMED SIZES

Length  
98.4 in. (2,500 mm)  
120.1 in. (3,050 mm)

Width  
49.2 in. (1,250 mm)

## FEATURES

- Clean, raw, unpigmented material
- Smooth surface allows for effective staining or painting
- Sealant required in rainscreen applications
- Can be painted on-site
- Virtually maintenance-free

## BENEFITS

- Non-combustible
- Strong
- Durable
- Withstands extreme weather fluctuations





# AFC Surface (formerly Cembrit Cover)

## U.S. SQUARED & TRIMMED SIZES \*at additional cost

Thickness  
8 mm

Weight  
3.2 lbs/ft<sup>2</sup>

Length  
96 in.  
120 in.

Width  
48 in.

## U.S. UNTRIMMED SIZES

Length  
99.6 in. (2,530 mm)  
120.9 in. (3,070 mm)

Width  
50 in.  
(1,270 mm)

AFC Surface is the ideal solution for projects that feature intense colors and bold designs. The natural gray core is coated with a layer of opaque, water-based acrylic paint that comes in 26 standard colors and more than 1,950 NCS® colors. Custom colors are also available.

### FEATURES

- Natural gray core
- 26 standard colors
- Full-coverage surface paint
- Intense sheen

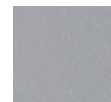
### BENEFITS

- Perfect for bold designs
- Resistant to green moss, algae, water stains, dirt, wind, and weather
- Non-combustible
- Excellent UV stability

### GRAYS BLACKS WHITES REDS YELLOWS GREENS BLUES



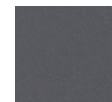
Stockholm 010



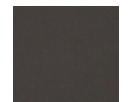
Vilnius 020



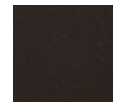
Sofia 040



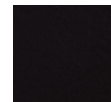
Berlin 050



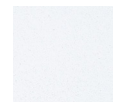
Helsinki 060



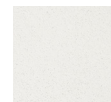
London 160



Munich 190



Gothenburg 200



Nuuk 210



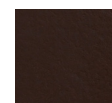
Brussels 350



Copenhagen 360



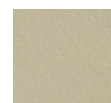
Moscow 370



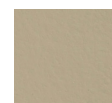
Istanbul 390



Amsterdam 450



Rome 530



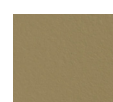
Kiev 540



Athens 550



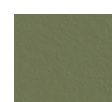
Barcelona 570



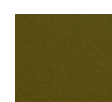
Libson 610



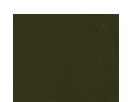
Geneva 630



Hamburg 640



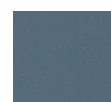
Madrid 650



Dublin 670



Oslo 730



Naples 760



Riga 770

\* The color charts displayed in this brochure give an impression of the available colors. Reproduction of the exact colors is restricted by the printing process. For an exact color match, samples are available upon request.





AMERICAN  
FIBER CEMENT

SERVING THE U.S. AND CANADA

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