



BEAUTIFUL

SUSTAINABLE

EASY TO INSTALL



# CEMFORT

Fiber concrete facade panels









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## THE CEMFORT STORY

In 1992, the Ministry of Energy, Mines and Resources of Canada implemented a competition in order to conceive the most technically advanced building to serve as a model for builders in the future. CEMFORT put together a multidisciplinary team of scientists and builders that won this contest and built: NOVTEC. This building located in Laval, Canada, used CEMFORT HD concrete panels and finishes shown in this catalogue.

More than 25 years later, the range of products, of both, **CEMFORT REAL CONCRETE** and CEMFORT XPRESSION STONE passed the test of time with high marks. CEMFORT also developed innovative products using advancements in enamel chemistry, core pigmented HD Concrete and high definition laser printing technologies. The range of products has now extended into a full line that includes: **CEMFORT XPRESSION COLOR**, **CEMFORT XPRESSION WOOD** and **CEMFORT CUSTOM PRINTING**.

CEMFORT REAL and XPRESSION SERIES: A WORLD OF UNIQUE POSSIBILITIES, ONE PROVEN TECHNOLOGY.



## CEMFORT'S SUPERIOR QUALITY

HD stands for **High Definition/High Density**. The perfect marriage: the beauty of natural and innovative finishes, in synergy with the strength of CEMFORT HD concrete panels. Manufactured under-pressure, for optimal density, with state-of-the-art surface sanded technology for sleek finish, and an autoclave process is used to control efflorescence.

Durability equal to none when faced with impact, fire, humidity and weather extremes typical to North American temperatures. The unique design flexibility of CEMFORT REAL and XPRESSION SERIES provides the best concept and budget solution for your project to become a reality. CEMFORT HD is a superior quality product that passes the test of time, at very competitive prices.











# REAL CONCRETE

CEMFORT SERIES

## All you expect from concrete... without the weight

**Concrete means strength, durability and versatility.** CEMFORT REAL CONCRETE is all that... just eliminate the weight.

The REAL CONCRETE series, with core pigmented HD Concrete, are offered in unique shades of Light Grey, Charcoal Grey and White Grey. With the natural variation of concrete, they offer a superior-quality Real Concrete finish.

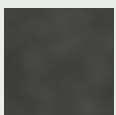
Factory sealed for an attractive and unique finish, CEMFORT REAL CONCRETE PANELS will fulfill your expectations for durability and design. It can also be treated for anti-graffiti performance to preserve its original look.

Like all CEMFORT HD panels, it is non-combustible, impact, freeze/thaw and humidity resistant.

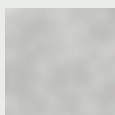
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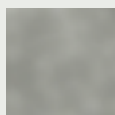
- |            |  |
|------------|--|
| DIMENSIONS | <ul style="list-style-type: none"><li>■ Standardized 20 formats offered</li><li>■ Personalized, tailor-made according to your requests</li></ul> |
| TEXTURES   | <ul style="list-style-type: none"><li>■ Smooth (uniform)</li><li>■ Rough (rugged)</li></ul>  |
| THICKNESS  | <ul style="list-style-type: none"><li>■ 1/2" (12mm) — Light Grey</li><li>■ 3/8" (10mm) — Charcoal, White, Terracotta and Sand</li></ul>          |
| FINISHES   | <ul style="list-style-type: none"><li>■ Natural</li><li>■ Hyper Gloss (80%)</li></ul>  |



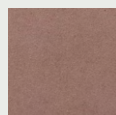
CHARCOAL



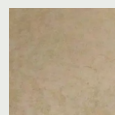
WHITE



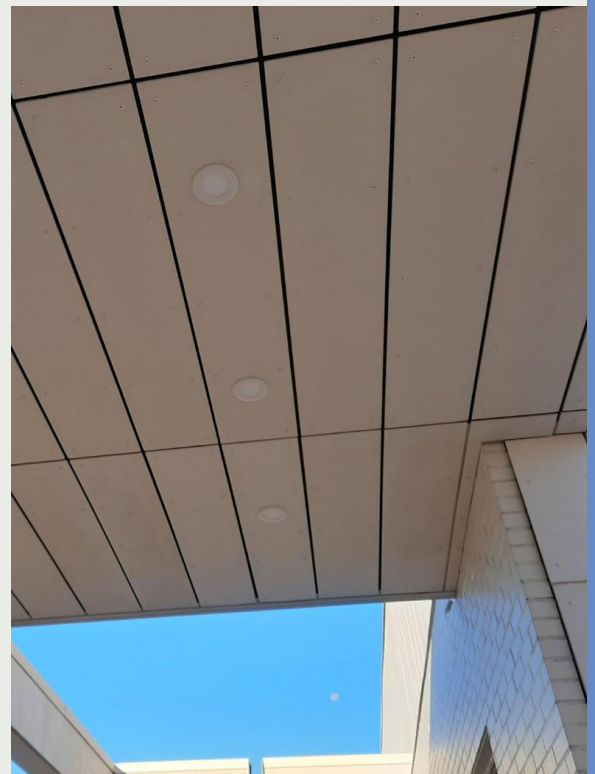
LIGHT GREY



TERRACOTTA



SAND











# XPRESSION COLOR

CEMFORT SERIES

## Limitless color palette

**Color is freedom of choice...** without asterisks, exclusions or limitations.

With CEMFORT XPRESSION COLOR your imagination is not limited to a "standard color chart". **If the color exists, show it to us and we will make it happen.**

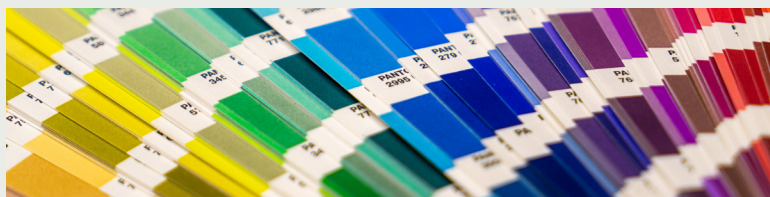
Our engineered, two-component enamel is applied over our HD concrete panel forming a chemical barrier that eliminates any possibility of efflorescence and providing a superior, industrial grade, **high wear, UV, weather and fade-resistant panel.**

CEMFORT XPRESSION COLOR also offers the choice of unique finishes from matte to ultra-gloss, resulting in limitless design possibilities for your project.

### Technical data

---

- |            |  |
|------------|--|
| COLORS     | ■ An unlimited choice of color (according to the code of your choice in your favorite chart) |
| DIMENSIONS | ■ Standardized 20 formats offered<br>■ Personalized, tailor-made according to your requests  |
| TEXTURES   | ■ Smooth (sanded & uniform surface)  |
| THICKNESS  | ■ 3/8" (10mm) - Panel  |
| FINISHES   | ■ Matte (25%)<br>■ Hyper Gloss (80%)   |









# XPRESSION STONE

CEMFORT SERIES

## Stone textures and finishes for design richness and elegance

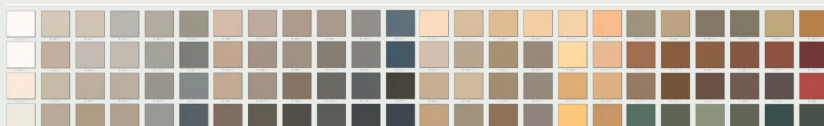
With more than **25 years of successful applications**, CEMFORT XPRESSION STONE continues to develop new design options for the building envelope, with two common denominators: design flexibility and performance.

High performance enamel using colored quartz is combined with the strength of our HD Concrete panels for a unique and long-lasting finish. Furthermore, CEMFORT XPRESSION STONE is mechanically applied to better disperse the Quartz which results in a quasi-uniform and thick layer. Giving richness as well as **increased impact resistance** to the panel.

CEMFORT XPRESSION STONE is offered in **more than 90 color shades** and **two grain choices**, fine and coarse, allowing for freedom of creativity and providing for a superior quality finishing for your project.

### Technical data

COLORS	■ More than 90 available colors (refer to the XPRESSION STONE color chart)
DIMENSIONS	■ Standardized 20 formats offered ■ Personalized, tailor-made according to your requests
TEXTURES	■ Fine grain ■ Coarse grain
THICKNESS	■ 1/16" (1.5mm) - Enamel ■ 3/8" (10mm) - Panel
FINISH	■ Matte











# XPRESSION WOOD

CEMFORT SERIES

## The beauty and warmth of wood... combined with long-lasting HD concrete

The latest high-definition printing technology is used to manufacture CEMFORT XPRESSION WOOD. It is **laser printed directly on our CEMFORT High Density concrete panel** and coated with our engineered sealant. This results in a **light, durable, non-flammable, UV and high-scratch resistant** panel.

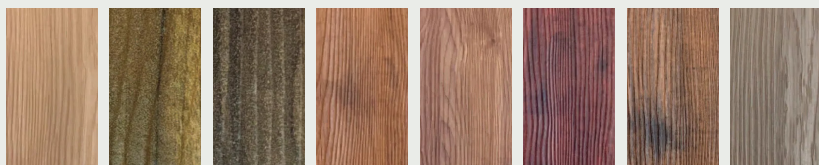
As a result of our proprietary printing technology, CEMFORT can offer you the choice of "**CUSTOM**" **wood grain** definition and color. Your creativity will no longer be limited to industry standards. You can also expand your choice of design: full panel, linear, shaped, vertical and horizontal printing and much more!

It is also maintenance-free, easy-to-install and economical... Wood has never looked this great!

### Technical data

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- |            |   |
|------------|---|
| DIMENSIONS | ■ Standardized 20 formats offered<br>■ Personalized, tailor-made according to your requests |
| TEXTURES   | ■ Smooth (sanded & uniform surface)   |
| THICKNESS  | ■ 3/8" (10mm) - Panel   |
| FINISH     | ■ Matte 25%   |



ACADIA

ANCIENT  
CHERRY

DARK  
OAK

GOLDEN  
EBONY

LIGHT  
OAK

MAHOGANY

ROASTED  
WOOD

ROSEWOOD











# XPRESSION METALLIC

CEMFORT SERIES

## The modern look of metallic finishes on a solid, high performance HD concrete panel

CEMFORT enamel technology is continuously evolving to give you new finishes, never seen before, on HD Concrete panels. This brings a modern metallic look to the well-recognized durability and performance of HD Concrete.

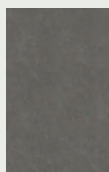
CEMFORT XPRESSION METALLIC is the result of the best of both worlds: a metallic look over high impact resistant CEMFORT HD CONCRETE PANEL. CEMFORT XPRESSION METALLIC is offered in **6 standard metallic finishes** as well as **CUSTOM color possibilities** for your project.

Furthermore, you have the choice of a matte finish or, an ultra-glossy finish, to bring attention to detail. CEMFORT XPRESSION METALLIC offers a unique, affordable and durable product series that brings a creative touch to your project.

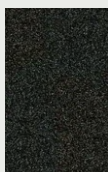
### Technical data

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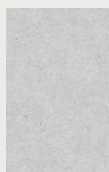
- DIMENSIONS**
- Standardized 20 formats offered
  - Personalized, tailor-made according to your requests
- TEXTURES**
- Smooth (sanded & uniform surface)
- THICKNESS**
- 3/8" (10mm)
- FINISHES**
- Hyper Gloss 80%
  - Matte 25%



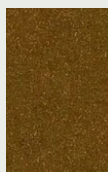
ANODIZED



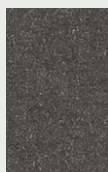
CHARCOAL



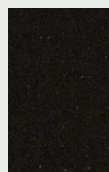
WHITE



BRONZE



GREY



BLACK











# CUSTOM PRINTING

CEMFORT SERIES

## Unique design flexibility only CEMFORT delivers

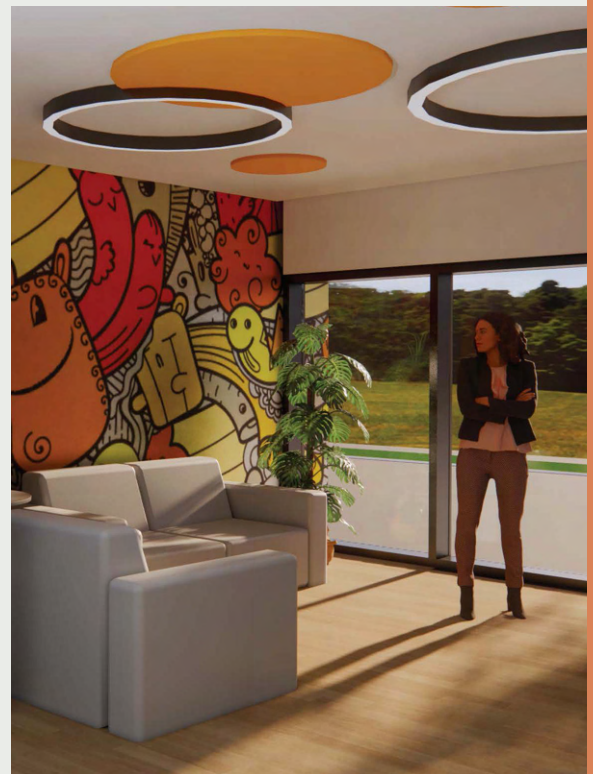
Imagine CEMFORT as a toolbox for the cladding design of your building. CEMFORT offers you CUSTOM printed panels, providing **infinite possibilities** and **unique design** for your building cladding. Our technology allows you to incorporate **logos, visual effects, multiple images** such as marble, granite, etc. the choice is yours.

**Free your creativity** by using multiple colors, shapes and visual effects, on the same or several panels, provided by OUR CUSTOM PRINTING for YOUR PROJECT: the same High Definition Laser printing technology as CEMFORT XPRESSION WOOD with our engineered UV resistant sealant. All of the manufacturing steps take place at our CEMFORT factory which ensures top finishing quality and quick delivery.

### Technical Data

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DIMENSIONS	<ul style="list-style-type: none"><li>■ Standardized 20 formats offered</li><li>■ Personalized, tailor-made according to your requests</li></ul>
TEXTURES	<ul style="list-style-type: none"><li>■ Smooth (sanded &amp; uniform surface)</li></ul>
THICKNESS	<ul style="list-style-type: none"><li>■ 3/8" (10mm)</li></ul>
FINISH	<ul style="list-style-type: none"><li>■ Matte 25%</li></ul>



## DIMENSIONS

### CEMFORT delivers more design flexibility

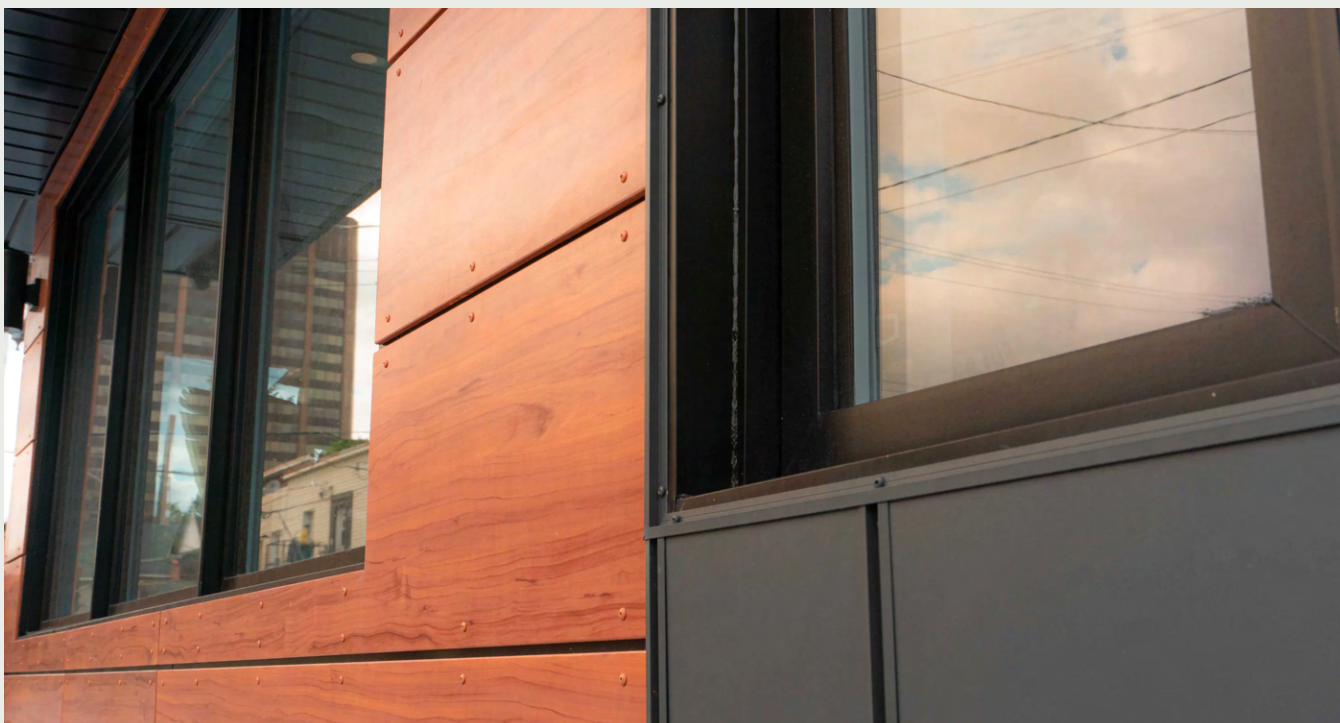
CEMFORT is in a league of its own when it comes to architectural wall panel sizes. We offer you an unmatched variety of standard sizes or custom-made dimensions which allows for design flexibility second to none and results in unique, timeless and durable projects at affordable costs. CEMFORT HD concrete panels are manufactured in 4' x 8' and 4' x 10'. We can offer you standard dimensions as follows:

1'	x4'	x5'	x6'	x8'	x10'
16"	x4'	x5'	x6'	x8'	x10'
2'	x4'	x5'	x6'	x8'	x10'
4'	x4'	x5'	x6'	x8'	x10'

### CUSTOM CUT

These sizes are merely a suggestion. We can custom cut your panels to any dimension or shape within 4' x 10' allowing you the most freedom for your design creativity. All our panels can also be cut on-site for adjustments.



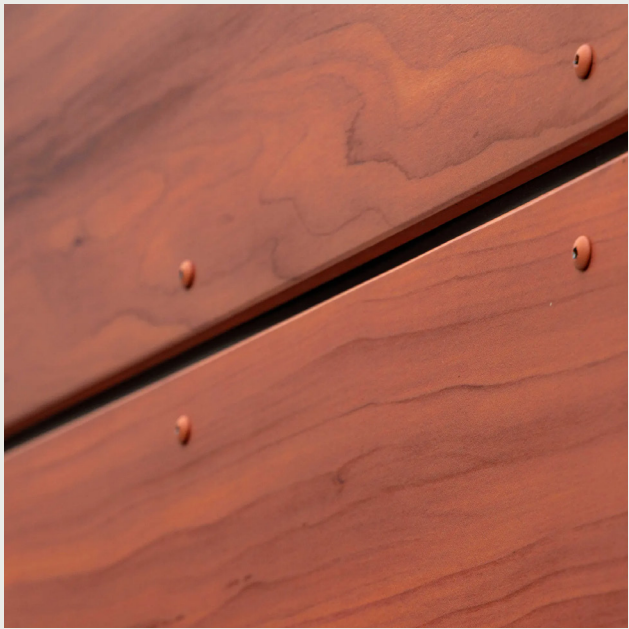


## FASTENING SYSTEMS

All CEMFORT REAL and XPRESSION Series panels can be installed as cladding or ceiling, horizontally or vertically placed...an unmatched design flexibility! Fastening systems go from the traditional face fastening installation, engineered face fastener-free fixing system to our concealed fastening systems. Our mounting systems have in common: design flexibility, affordability, year-round installation and simplicity that does not require specialty subcontractors.

### **Design: vertical or horizontal? Your vision... your choice.**

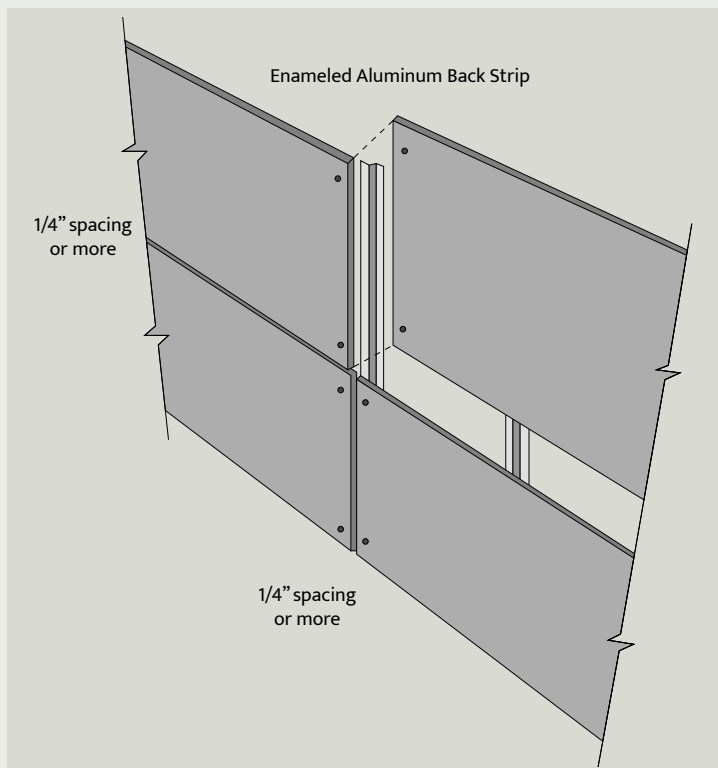
- CEM-SCREW** Emphasizes the facade as a whole and gives the industrial look throughout visible fasteners.
- CEM-CORE** Concealed mounting system that offers you a unique and clean design.
- CEM-TRIM** Gives high visibility and definition to panels without face fasteners.
- CEM-LAP** Breaks away from traditional lap siding by offering a superior quality product, unlimited color choice and concealed fasteners.



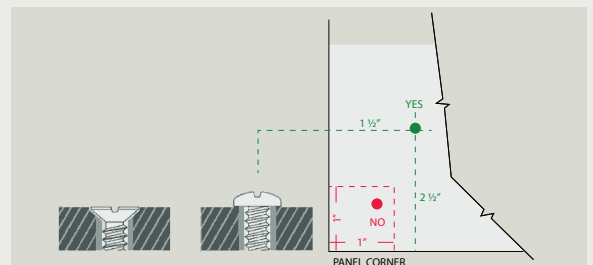
## CEM-SCREW

### The Traditional Fastening System

Stainless steel fixing screws for wood or metal (self-drilling). CEMFORT pre-drill technology control: Nylon sleeves for easy fastener positioning and pre-drill bit included (logo, detail).



### Factory pre-drill option







## CEM-TRIM

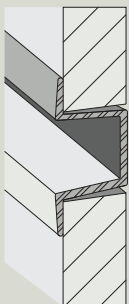
### Face Fastener Free Mounting System



Face fastener free achieved by pressure aluminum trims installed at the perimeter of the panel. Simplicity of installation: no pre-drilling or fixing patterns plus it allows adjustment on-site cutting which remains concealed behind the trims.

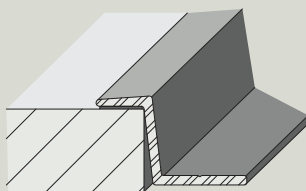
Choice of 4 extruded structural aluminum trims of 8' (12 mm) and 10' (10 mm) long with a water-repellent compressive foam installed on the back to minimize water infiltration.

U Trim

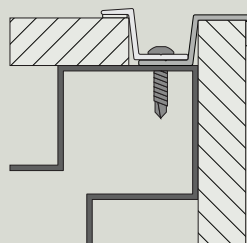


Z Trim

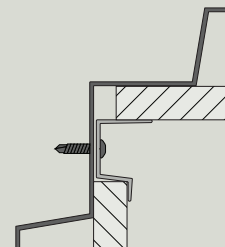
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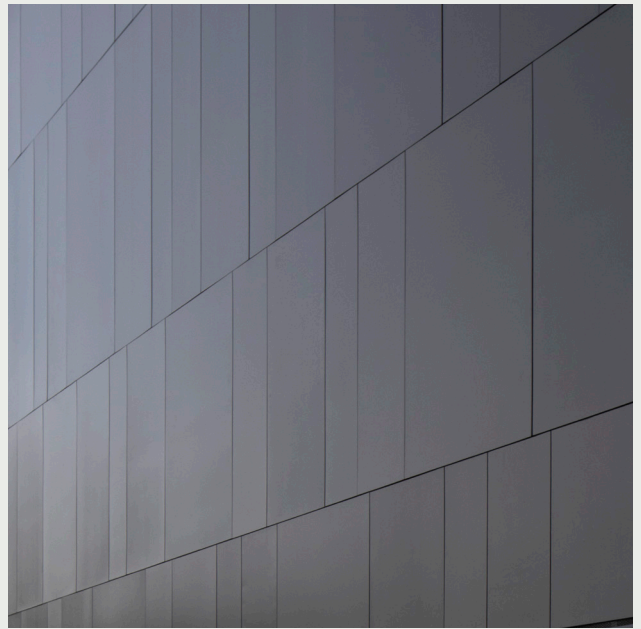


Exterior  
Corner Trim



Interior  
Corner Trim

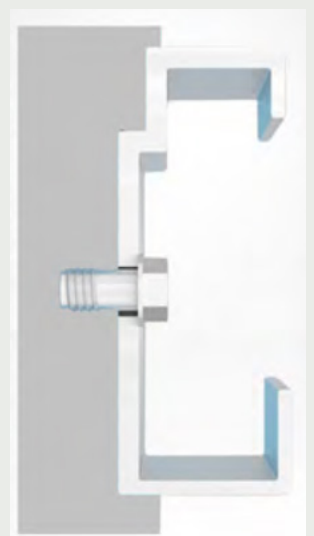




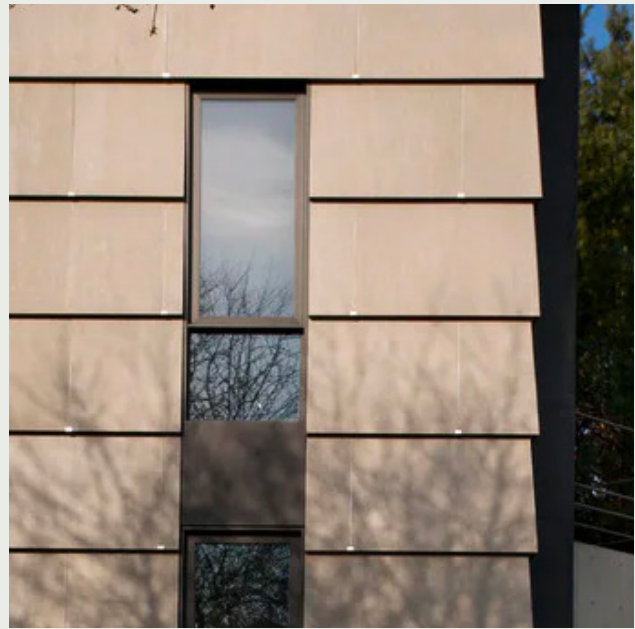
## CEM-CORE

### Concealed Anchor System

Anchoring system offering a unique and modern design, for a project that stands out from the rest. Our high performance concealed anchor system gives you the flexibility to use CEMFORT's wide range of finishes and panel thicknesses.



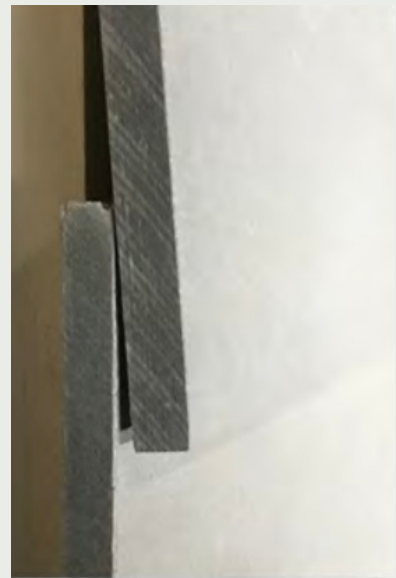
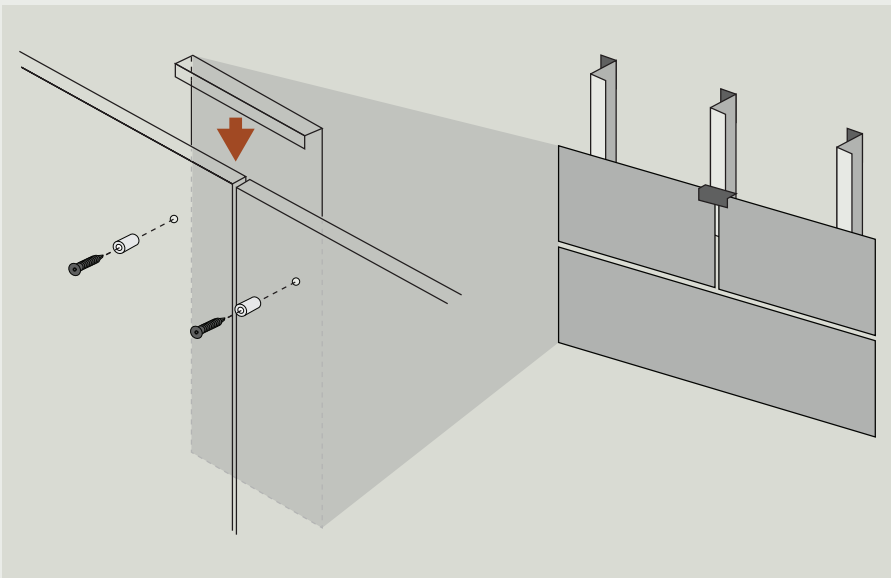




## CEM-LAP

### Concealed Screw Fastening System

The mounting screws are concealed by the next row of panels. Easy and time-saving installation that contractors appreciate because it reduces labor, cost and mistakes.



**CEMFORT Pre-drill technology control:** Nylon sleeves for easy fastener positioning and pre-drill bit included.





## CEMFORT ADVANTAGES



AAMA 2605



ISO 9001



ULC  
STANDARDS



LEED  
QUALIFICATION



RECYCLABLE



NO VOLATILE  
ORGANIC  
COMPOUNDS



ASTM  
INTERNATIONAL



MADE IN  
NORTH  
AMERICA

## CONTACT

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DREAM WITH CEMFORT



CEMFORT provides individualized assistance through technical literature, models, samples and an experienced team in order to assist you so your projects go smoothly and simply from concept to reality.



## CONTACT US AND SHOW US YOUR PROJECTS

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