**butech**
PORCELANOSA Group

# Porcelanosa Facades

Your guide to open-joint porcelain cladding solutions

The facade is one of the most characteristic elements in any type of building since it is virtually the only part that can be seen from the outside. That is why its design and construction are so important.

We are proud to present this catalog, designed specifically for architectural and design professionals.
It showcases a variety of façade systems that can be adapted to meet the most demanding requirements of any project.

The materials featured have been carefully selected from the PORCELANOSA's Group assortment.

# Contents

# Our history



Construction of Porcelanosa Headquarters
Office Building in Villarreal (Spain) 1973

Porcelanosa was founded over 45 years ago in Villarreal, a small village by the Mediterranean Sea in Castellon, Spain. Since then, we have been providing you with architectural and design solutions with unparalleled innovation, quality, and service. The family who originally founded Porcelanosa back in 1973 still runs it today under the same core values of work ethics and integrity.

Name: PORCELANOSA Manhattan
Flagship Store
Location: 202 Fifth Ave. New York

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# Butech

Butech is the engineering subsidiary of Porcelanosa Grupo dedicated to research and development of constructive solutions, as well as project execution. It was founded in 2001 with the objective of developing high-quality materials for the installation of flooring and cladding, and has evolved to become a division specializing in architecture and engineering consultancy services, with a focus on technological innovation.

Currently, the company specializes in three main areas: construction products and systems, modular construction, and façade projects.

# World Leader

Porcelanosa is a world leader in the installation of ceramic and solid surface facades.

With over 500,0000 m2 of ventilated facades installed, Porcelanosa is the global leader in the installation of ceramics and porcelain panels.

With over 5,000 employees and logistic centres around the world we guarantee quality, efficiency and ensure success.

Porcelanosa is a leader in technical solutions, innovative systems, and is committed to developing new tools for our ever changing market.

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Name: PW Whitehouse
Location: Vancouver, Canada
Architecture: Buttjes Architects
Photography: Michael Elkan

# 4

Architecture is continuously evolving. So much so that new trends are constantly emerging, both in project design and in material selections.

The façade plays an important role, not just esthetically, but technically as well, contributing to the architectural ensemble's energy efficiency.

We offer our customers personalized technical support and assist them in the development of façade solutions for their project.

As the engineering subsidiary for the Porcelanosa Grupo, Butech also leads the research and development of new technologies for ceramic and porcelain panels for ventilated façade systems.

Name: The Clare Building
Location: Manhattan, New York, USA
Architect: Manuel Glas Architects
Photography: Imagen Subliminal

# Architecture at its finest

PORCELANOSA Grupo is at the forefront in terms of production, R&D, and technical innovation in the ceramics industry, offering technologically advance products with superior aesthetic features and unbeatable quality standards

With its potential use for new builds or retro fit construction, BUTECH'S VF will provide significant improvement in the façade thermal behavior and reduce the incident of solar radiation on the enclosure by 80%. This allows for an easy continuous installation of the thermal insulation which allows us to eliminate thermal bypasses and achieve greater improvement in our energy efficiency

Our commitment to use recycled materials in our ceramics, combined with the recycling levels in our structures, allows us to collaborate in securing the highest levels of LEED certification.

Name: Rosa Jardón 16
Location: Madrid, Spain
Architecture: Emase Arquitectura
Photography: Imagen Subliminal

# Quality and sustainability 5

# Certifications

# Facade system

## Third-Party Tested

### ICC-ES Report #ESR-3343

Choosing an innovative exterior cladding system that complies with building codes means you and your client are selecting a product that meets safety and performance standards, ensuring a durable and compliant exterior system.

We are the FIRST porcelain panel rainscreen façade system to receive ICC-ES certification

Compliance with:

- IBC 2009, 201 & 2015
- California Green Building Standards Code
- California Building Code
- Florida Building Code

### Florida Product Approval – FL-20391

The Florida Building code requires all exterior wall panels be tested and registered with the State through their product approval program.

You will find out exterior porcelain cladding system's TER (Technical Evaluation Report) on our website:

www.porcelanosafacades.ca/resources

### American Architectural Manufacturers Association (AAMA) – AAMA 509-9

Our system has been successfully tested under the AAMA 509-9 standard "Voluntary Test and Classification Method of Drained and Back Ventilated Rain Screen Wall Cladding Systems."

Porcelanosa facades offer a complete  Open Joint Porcelain Cladding System (OJ-PC System) that includes the cladding, support for cladding, framing, and attachments, unlike many cladding manufacturers who only  provide the cladding itself.

Porcelanosa facades system offers a OJ-PC system with a 10 year warranty, providing a single point of responsibility for the entire exterior cladding and support system, reducing risks for both the contractor and building owner.

Our OJ-PC system has been used and tested for over 20 years - on hundreds of project types and conditions. So you can sleep at night knowing it'll work for you. Freeing you up to focus on those 1,000 other decisions you need to make.

**What others are saying**

"What we found especially attractive about Porcelanosa Facades was that they were providing a fully engineered cladding system, including shop drawings, and they were precutting the panels
to fit the complex geometry. They were still very competitive with the cost of other ventilated facades as well, which made it an especially attractive solution. Also, you get the added value that the porcelain panels are a very durable product that is scratch and graffiti resistant - which was important because this was a school building.
The aesthetic - it's a very sharp looking system."

Cosmin Vrajitoru, President
ARCHEO Design Studio, Chicago, IL

# Advantages of porcelain panels facades

## An Effective Drainage, Thermal & Acoustical Solution

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"A ventilated tile façade can reduce a building's energy consumption 20-30% due to the chimney effect it creates between the structure and the cladding. Hot air is evacuated in summer, and insulation is more effective in winter."

TCNA (Tile Council of North America)

One of your envelope design goals for your client's building is to ensure maximum energy savings and noise reduction to your buildings.
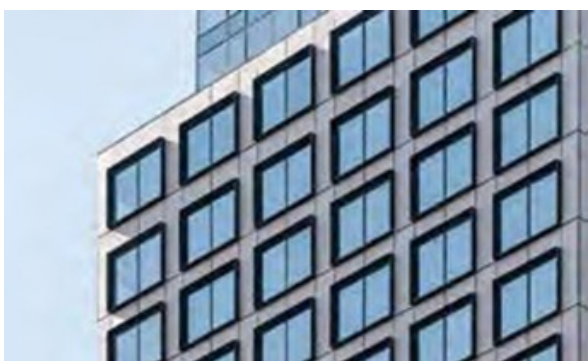
Our OJ-PC system provides you with an ideal solution while preserving the beauty of the Porcelanosa Facades exterior porcelain cladding panels. This design allows you to use the Open Joint Porcelain Cladding system on new construction or to renovate or re-clad an existing building

The system is classified as a Drained/Back Ventilated Rainscreen. Its open joint porcelain cladding panels, continuous insulation and thermally-broken support system help you:

- Keep bad weather out to reduce mold through efficient heat and moisture removal -- improving indoor air quality for the building users, and mitigating your building structure's deterioration.

- Achieve R-values from 9.1 to 24 - retaining more heat in colder months, keeping cooler in warmer months.

- Absorb outside noises by 10-15 dB – another way you can contribute to healthier indoor environments.
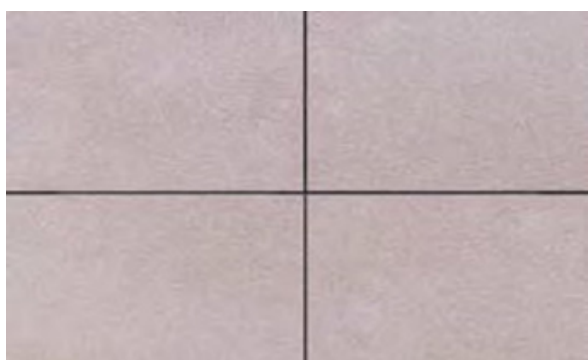
The Alexey Luxury Residencies in Brooklyn NY
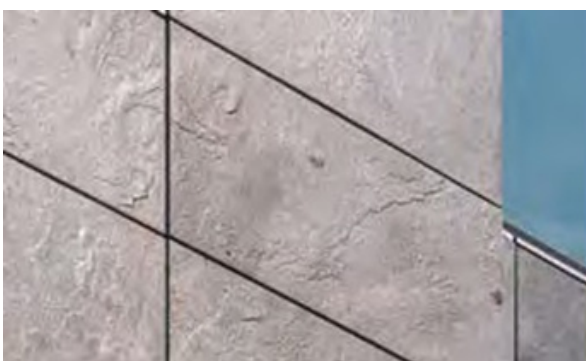ND Architecture & Design

### Exceeds all ICC Fire Resistance Requirements

Porcelain cladding is a natural non-combustible material. When coupled with our open joint cladding system, you'll meet all fire code requirements, including ASTM E119, NFPA 285 and ASTM E136

### Made from earth-sourced materials

You get a truly weather-proof material that's beautiful and long-lasting with porcelain cladding panels we engineer from the earth. We source our raw materials (like kaolin, quartz, and feldspar) from the areas surrounding our advanced manufacturing facilities in Castellon, Spain. Providing a low carbon footprint, and a finished exterior product for your building's facade that's engineered to endure.
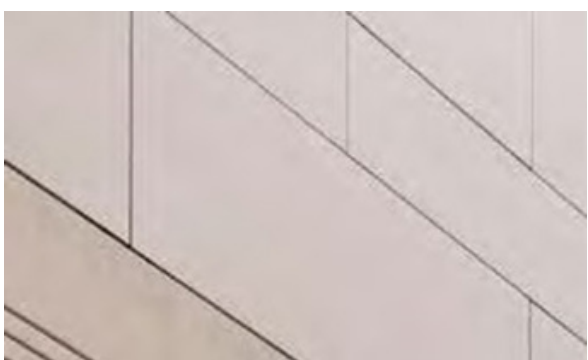
### Non-Porous and Graffiti-Proof

With 0.1% water absorption, our porcelain panels are impervious. So, you don't need any protective coatings. And you don't need any special solvents to clean graffiti... just use denatured alcohol and the graffiti easily wipes away.

### Freeze-Thaw Proof

Our exterior porcelain panels exceed the requirements of ASTM C1026 for freeze-thaw cycling, without cracking. Even cut, exposed areas such as kerf saw cuts, mitered corner joints, or open corners don't need sealing or coating. That means one less worry for you and less building maintenance headaches for your client.
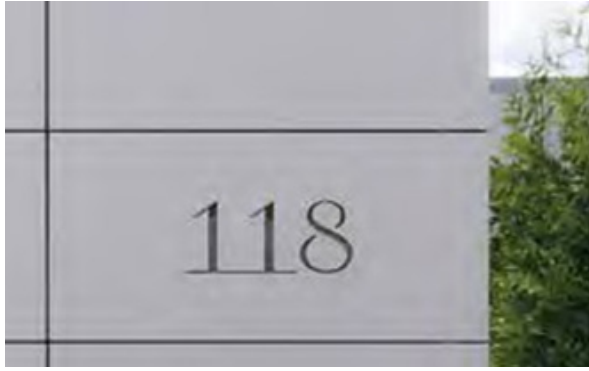
## An all-weather material

Exterior porcelain cladding panels will stand up to the harshest of conditions. As part of your rainscreen wall system, porcelain cladding helps keep your building interior warm in cold temperatures. And in the hot summers, porcelain helps keep your building cool.

## Factory-Rectified

We rectify your porcelain panels at the factory before they leave the production line. "Rectified" means we grind the panel's edges after firing, so the size is more precise. This also means no shrinking or expansion of the panel after it's installed on your building's exterior facade.

## Maintenance-Free

The high density and extremely low absorption rates of porcelain cladding panels don't allow dirt or graffiti to stick to them. Installed in an open-joint cladding system, there is no efflorescence, no drips, and no stains. So your cladding is maintenance-free.

## True Aesthetic Versatility

With porcelain cladding, you can achieve classic, traditional, modern, decorative, or distinctive looks for your exterior facades. And you can even design your own porcelain panel. Our porcelain panels are tougher than stone with greater design flexibility. You get superb technical performance with any look you create. From rich textured woods to shiny metallics, to natural stone and concrete finishes. Your design freedom is here.
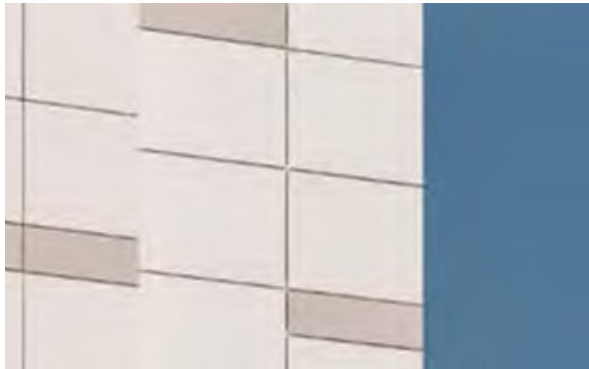
## Does not rot or delaminate

Our porcelain cladding panels are not layered or made from a wet slurry. Our modern manufacturing process ensures your exterior porcelain panels are highly dense, strong, and completely resistant to rot or delamination.

## High UV Resistance

The ingredients of our porcelain panels and our patented manufacturing process gives your building's exterior facade a finish that's resistant to UV degradation for the lifetime of the panel.

## Thermally-Efficient

Our open joint porcelain cladding system is thermally broken. We've designed it to meet the strictest IECC guidelines. With effective R values of up to 23.5 and U- factors as low as 0.038, our exterior cladding system lets you design freely knowing you'll meet the latest energy code requirements.

## Critter Proof

There are no materials in our Open Joint Porcelain Cladding system to attract insects or woodpeckers. So critters won't want to settle in your building's facade.

Partial View of Courtyard by Marriott in NYC



Detail View of O2 Boutique Condos in Toronto

# Engineered to Perform

Over the years, we've engineered the Open-Joint Porcelain Cladding System ("OJ-PC system") to help you meet the increasing code demands:

- Allowing for thermal expansion movement, so it's ready for the most extreme conditions.

- Resisting wind loads up to 213 mph to protect the building's occupants and valuable contents.

- Self-leveling, making the system easier for installers, no shimming required.

- Its self-supporting system weighing only 6 lbs/sf to minimize the impact on your building's structure.

You will also get a Class A Fire Rating, meaning you can use the system as an interior wall finish, while meeting NFPA 285 for your exterior finish.

# Design Flexibility

The OJ-PC system offers you design flexibility to achieve the look you need for your building's exterior facades. Our goal was to design a cladding system that allows you to bring all your design ideas and inspirations to life.

The system can be modified and/or customized for any project type you have on the boards - from residential and commercial projects to multi-family or high-rise buildings. We have a technical team dedicated to helping you find the proper porcelain cladding solution for your facade design.

Your project is unique. So please contact us to see all the ways we can help you make your exterior cladding design go more smoothly.

Ventilated facades using porcelain offer versatility, an environmentally friendly "chimney effect" for natural ventilation and superior performance due to porcelain's durability and resistance to harsh conditions, leading to energy savings and reduced maintenance.

All this combines to make our Open-Joint Porcelain Cladding System the perfect exterior envelope option for a new or existing building. By creating several protective layers around your building's exterior envelope.

And, since our OJ-PC system is all provided by a single manufacturer, you get a turnkey solution with a better warranty.

# Projects 8

# 321 White ave

This luxurious 19-story residential building with 130 apartments, located in the Brooklyn district, features the signature of ND Architecture and Design and is distinguished by its imposing ventilated facade. Spanning 24,000 square meters, the main structure of 321 White Ave has incorporated PORCELANOSA Grupo's Ferroker Titanio porcelain panels to enhance its acoustic insulation and reinforce the sustainable architecture aimed at combating global warming and the city's energy wastage.

The intervention of Deluxe Builders' technical team was crucial in shaping the facade and ensuring that Porcelanosa's envelope was correctly installed while respecting the architectural criteria of the project.

Location: New York, EE.UU.
Architecture:The  Stephen B.Jacobs Group PC
Photography: Subliminal Image

# The Esplanade

Backstage On The Esplanade is a new high-rise condominium building, located in the middle of downtown Toronto, Canada. The building has over 280 luxurious units throughout its 34 stories, and it is located near the Scotiabank Arena, Meridian Hall, the historic St. Lawrence Market and the CN Tower.

The building offers contemporary designed 1, 2 and 3 bedroom units along with a landscaped terrace, an outdoor pool, a fitness center and more.

Backstage On The Esplanade features a façade that is comprised of glass panels with dark metal accents – and is complemented by a ventilated rainscreen facade with over 25,000 square feet of Porcelanosa's Toronto Caliza porcelain panels.

Location: Toronto, Canada
Architecture: Page+Steele Architects
Photography: Imagen Subliminal

# PW Whitehouse

The elegant reflective surface of these Xtone panels attract light allowing the building to blend in completely with its surroundings.

The building, which faces Sunset Beach (Vancouver, Canada), was built in the 1970s. Recently, Buttjes Architecture redesigned the façade of the block and the lobby with materials provided by Porcelanosa, which perfectly execute the contrast between black and white.

This building, an example of brutalist architecture, has been transformed into a residential complex with nineteen fully-equipped residences. The incorporation of white on the façade has nautical connotations due to the building's proximity to the sea and the influence of the mist that regularly blankets the Canadian city.

Location: Vancouver, Canada
Architecture: Buttjes Architects
Photography: Michael Elkan

# 80 St. Clair

80 St. Clair is a high rise residential building located in the Deer Park neighborhood of Toronto, Canada -consisting of studios, one bedroom, and two bedroom units. It is close to David A. Balfour Park, and a short drive away from Downtown Toronto.

80 St. Clair's 28 story ventilated façade is covered in over 38,000 square feet of On Beige Nature porcelain panels. The On Beige Nature panels were created in a unique 23"x47" size, and complement the building's concrete balconies.

This ventilated façade helps to increase the value of the building and to decrease the building's overall heating and cooling costs.

Location: Toronto, Canada
Architecture: Norman Lee & Associates Ltd.
Photography: Imagen Subliminal

# 5 Court square

This 11-floor glazed building with 58 apartments is located on Long Island. It consists of two symmetrical glass towers on which Ferroker metallic porcelain panels (by STON-KER®, Porcelanosa) have been fitted, Butech's concealed clip system was used to emphasize the geometric lines and right angles.

Location: New York, USA.
Architecture: MY Architect PC
Photography: Subliminal Image

# Alta LIC tower

Alta LIC is a 44 story high-rise luxury building that has over 460 residential units within it. Located in Long Island City area of Queens, New York, this building has emerged as one of the tallest in the area and one of the tallest in the world with porcelain panels. The building is located near multiple subway and train lines, and the overall ventilated façade design helps to soundproof the building from the bustling trains that pass by and overall noise outside.

Designed by Stephen B. Jacob Group, Alta LIC features Porcelanosa's textured and dimensional Cubica Black panels, which are primarily used near the ground levels and entrances of the building, while the bright Extreme White porcelain panels soar and extend up the unique ventilated façade design.

Location: New York, USA.
Architecture:The  Stephen B.Jacobs Group PC
Photography: Subliminal Image

# The Leyton

New skyscraper The Leyton is located on New York's Third Avenue, measures 150 metres tall and benefits from spectacular views over one of the most famous parks in the world. Still under construction, this Art Deco inspired building has been designed by architect Manuel Glas, and will house up to 38 residences including 10 full-floor residences, amenities such as a swimming pool, spa and gym, and offices for the healthcare sector.

The 30-floor tower soars into the sky, with a structure combining glass and ceramic materials, and construction systems from Porcelanosa Group. Specifically, it features the Solidker technical porcelain model in a 59.6 cm x 180 cm format, tailor-made for the project, and Butech's ventilated façade system with a concealed anchoring system. The system is used to affix the ceramic tiles without having any visual impact on the building's exterior, and is ICC Evaluation Service certified, endorsing it for use across the whole of the United States.

Location: New York, USA.
Architecture: Manuel Glas Architect
Photography: Subliminal Image

# 15 East 19 St.

15 E 19th Street is a new residential building located in the Flatbush area of Brooklyn, New York.
The building is close to the southern area of Prospect Park, and towers over a rare cul-de-sac in the middle of Brooklyn. Its 8 story structure houses 33 oversized 1 and 2 bedroom apartment units.

The light grey façade of 15 E 19th Street is comprised of 2 different large format sizes of Boston Topo that are laid horizontally across the building in a staggered pattern. Architects RoART created this as a subtle nod to imitate the vintage brickwork on the older Victorian houses that used to inhabit the area. Additionally, our double siding porcelain cladding application reinforces the concept of a cladding veneer or skin. This solution eliminates the need for window closures and offers notable cost savings.

Location: New York, USA.
Architecture: Roart Architects
Photography: Subliminal Image

# The Clare

With an open-plan structure containing 30 de-luxe apartments, The Clare which reaches up into the New York sky above Upper East Side, has been built using PORCELANOSA Grupo. collections.

Designed by the Manuel Glas Architects studio, the core of this 19-storey building offers stunning views of the Big Apple thanks to its enormous picture windows and cutting-edge façade. Its open symmetrical lines filter the light entering the building, connecting life inside it to the rhythm of a city that never sleeps.

As in the Jenga tower game, the 2,508 square metre ventilated façade consists of symmetrical volumes in an irregular pattern, specially designed for the project to create an Opus pseudo isodomum, with interlocking rows of tiles. The hidden fastening system, created and supervised by the façade Department of Porcelanosa USA, lightens the main block with large format Porcelanosa technical tiles in cream, emphasising the industrial style that has characterised New York's architecture in recent years.

Location: New York, USA.
Architecture: Manuel Glas
Photography: Leonard Mascaro

# Fitler nine townhouses

Located in the Fitler Square area of Philadelphia, Pennsylvania, Fitler Nine is a set of nine luxurious four-story townhomes. The townhomes vary between 5,000 square feet and 5,800 square feet, and feature a number of amenities for its residents.

Architects QB3 worked with us through our Design Assist program to find the perfect porcelain panels for this ventilated façade project. They looked through our stone series of porcelain and wanted to create a livelier façade design by using a warmer toned product.

They decided to move forward with using 10,000 square feet of our Boston Bone and Boston Topo porcelain panels. The lighter Boston Bone shade was used as a base, and the Boston Topo tone was used intermittently throughout the design as an accent.

Location: Philadelphia, USA.
Architecture: QB3 Design
Photography: Subliminal Image

# The Nevins

The Nevins is a modern high-rise residential building that is located in the trendy Boerum Hill area of Brooklyn, New York. It is close to the Fort Greene Park, the Brooklyn Academy of Music, and the Brooklyn Bridge.

The 21 story building houses 73 different residences that range from studios to 3 bedroom units that take up entire floors.

Issac & Stern Architects worked with Porcelanosa to find the perfect texture and color for their façade design. The Nevins is completely covered in 21,000 square feet of Porcelanosa's concrete-look Dover Arena porcelain panels, which were cut down to 12 3/8" x 47" panels specifically for the project.

Location: New York, USA.
Architecture: Brent M. Porter & Isaac + Stern arch
Photography: Subliminal Image

# Hotel Courtyard by Marriot

Courtyard By Marriott New York Manhattan Midtown West is a new high-rise hotel building, which is located in the Midtown area of Manhattan, New York.

The hotel building is within walking distance of Penn Station, the High Line, the Vessel, shops and restaurants in Hudson Yards, and the Javits Center.

The building hosts over 370 rooms, a bar and full-service restaurant, fitness center, business center, and a 1,700 square foot meeting space that can accommodate up to 90 people throughout its 29 floors.

Courtyard By Marriott's façade features 62,000 square feet of Porcelanosa's Town White and Town Niquel porcelain panels. The Town White panels are used as the main product throughout the façade's overall design, and the smaller Town Niquel panels act as an intermittent decorative accent.

Location: New York, USA.
Architecture: DSM Design
Photography: Subliminal Image

# Exterior
# porcelain panels

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XTONE XLIGHT *PAR-KER* *STON-KER*

# Concrete

Bottega Acero
Bottega Acero Nature
Bottega Antracita
Bottega Antracita Nature
Bottega Caliza
Bottega Caliza Nature
Bottega White
Cancún Caliza
Cancún Sand
Cancún Stone
Metropolitan Antracita
Metropolitan Caliza
Metropolitan Silver
Newport Dark
Santorini Grey
Santorini Taupe
Stark Grey Nature
Stark White Nature
Terra Bone
Terra Clay
Terra Topo
Urban Acero Nature
Urban Black Nature

Urban Caliza Nature
Urban Natural Nature
Vela Grey
Vela Natural
Vela Smoked
Tadelakt Grey
Tadelakt Sand
Tadelakt Smoke

**STONKER** > 6mm / 1/4" Porcelain Panels
**PARKER** > 6mm / 1/4" Porcelain Panels wood finish
**XLIGHT** 6mm / 1/4" Large Format panels
**XTONE** 6mm / 1/4" & 12mm / 1/2" Large Format panels

# Concrete

### Bottega Acero

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 11,5 mm | 7/16" | 100315811 |
| 59,6 x 180 cm | 24" x 71" | 11,5 mm | 7/16" | 100245332 |
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332601 |

Available finishes: Matt

### Bottega Acero Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332601 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100336827 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343416 |

Available finishes: Matt

### Bottega Antracita

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 11,5 mm | 7/16" | 100281592 |

Available finishes: Matt

### Bottega Antracita Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100343419 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100334151 |

### Bottega Caliza

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 11,5 mm | 7/16" | 100280172 |
| 59,6 x 180 cm | 24" x 71" | 11,5 mm | 7/16" | 100245307 |

Available finishes: Matt

### Bottega Caliza Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332186 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100335161 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343421 |

### Bottega White

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 11,5 mm | 7/16" | 100315781 |
| 59,6 x 180 cm | 24" x 71" | 11,5 mm | 7/16" | 100315889 |

Available finishes: Matt

### Cancún Caliza

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 8,5 mm | 5/16" | 100355127 |
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100355044 |

Available finishes: Matt and Polished
1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

# Concrete

### Cancún Sand

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 8,5 mm | 5/16" | 100355130 |
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100355047 |

Available finishes: Matt

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Cancún Stone

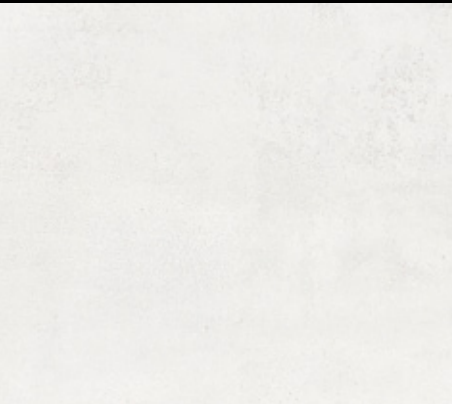| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 8,5 mm | 5/16" | 100356165 |
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100356154 |

Available finishes: Matt

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Metropolitan Antracita

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 23" x 23" | 8,5 mm | 5/16" | 100325223 |

Available finishes: Lapped and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Metropolitan Nature Caliza

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 23" x 23" | 8,5 mm | 5/16" | 100325196 |

Available finishes: Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Metropolitan Silver

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 23" x 23" | 8,5 mm | 5/16" | 100324773 |

Available finishes: Lapped and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Newport Dark

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 23" x 23" | 8,5 mm | 5/16" | 100325199 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Santorini Grey

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 23" x 48" | 8,5 mm | 5/16" | 100355121 |
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100355038 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Santorini Taupe

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 23" x 23" | 8,5 mm | 5/16" | 100355124 |
| 59,6 x 120 cm | 23" x 48" | 8,5 mm | 5/16" | 100355041 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

# Concrete

### Stark Grey Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 47" x 47" | 6 mm | 1/4" | 100339804 |
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100339804 |

### Stark White Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 47" x 47" | 6 mm | 1/4" | 100331171 |
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332265 |

### Tadelakt Grey

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 160 x 320 cm | 63" x 126" | 6-12 mm | 1/4"-1/2" | 100364738 |
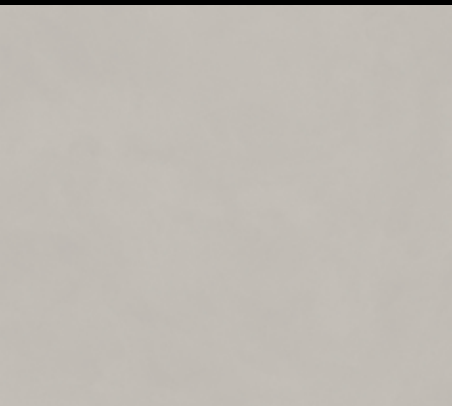
### Tadelakt Sand

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 160 x 320 cm | 63" x 126" | 6-12 mm | 1/4"-1/2" | 100355772 |

### Tadelakt Smoke

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 160 x 320 cm | 63" x 126" | 6-12 mm | 1/4"-1/2" | 100355782 |

### Terra Bone

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100355096 |
| 59,6 x 120 cm | 24" x 48" | 8,5 mm | 5/16" | 100348029 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Terra Clay

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 8,5 mm | 5/16" | 100355102 |
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100355029 |

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Terra Topo

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 8,5 mm | 5/16" | 100355099 |
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100348032 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

# Concrete

### Urban Acero Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100325584 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Urban Black Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100328095 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Urban Caliza Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 100 x 100 cm | 40" x 40" | 8,5 mm | 5/16" | 100303468 |

Available finishes: Matt

### Urban Natural Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 100 x 100 cm | 40" x 40" | 8,5 mm | 5/16" | 100304410 |

Available finishes: Matt

### Vela Grey

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100325457 |
| 100 x 100 cm | 40" x 40" | 8,5 mm | 5/16" | 100360634 |

Available finishes: Matt

### Vela Natural

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 100 x 100 cm | 40" x 40" | 8,5 mm | 5/16" | 100303508 |
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100325470 |

Available finishes: Matt

### Vela Smoked

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 100 x 100 cm | 40" x 40" | 12 mm | 5/16" | 100313083 |
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100324729 |

Available finishes: Matt

# Marble

Alpinus White
Aria White
Ars Beige
Astana Grey
Artic
Breccia Imperiale
Calacatta Antico
Calacatta Gold
Calatorao Nature
Carrara Blanco
Elegant Bone
Elegant Grey
Glem White
Liem Black Nature
Liem Dark Nature
Liem Grey Nature
Rivoli
Roma Marfil
Roma Noce
Vendome Nature

**STONKER** > 6mm / 1/4" Porcelain Panels
**PARKER** > 6mm / 1/4" Porcelain Panels wood finish
**XLIGHT** 6mm / 1/4" Large Format panels
**XTONE** 6mm / 1/4" & 12mm / 1/2" Large Format panels

# Marble



### Alpinus White

| Size | | Thickness | | SAP code |
|------|------|------|------|------|
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100340327 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100340336 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343345 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343349 |

Available finishes: Matt and Textured



### Aria White

| Size | | Thickness | | SAP code |
|------|------|------|------|------|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332593 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100334323 |
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100340336 |
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332599 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100334135 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343377 |

Available finishes: Matt and Polished



### Ars Beige

| Size | | Thickness | | SAP code |
|------|------|------|------|------|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100339790 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100334143 |
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100339797 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343378 |

Available finishes: Matt and Polished



### Astana Grey

| Size | | Thickness | | SAP code |
|------|------|------|------|------|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332578 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100340602 |
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332616 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343384 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343379 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100335565 |

Available finishes: Matt and Polished
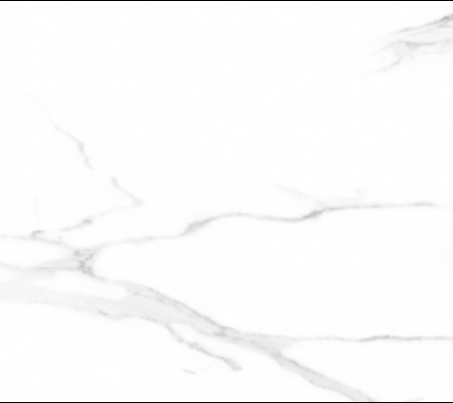


### Artic

| Size | | Thickness | | SAP code |
|------|------|------|------|------|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100324845 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)



### Breccia Imperiale

| Size | | Thickness | | SAP code |
|------|------|------|------|------|
| 160 x 320 cm | 63" x 126" | 6-12 mm | 1/4"-1/2" | 100344343 |



### Calacatta Antico

| Size | | Thickness | | SAP code |
|------|------|------|------|------|
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100347283 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100347279 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100347305 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100347297 |

Available finishes: Matt and Polished



### Calacatta Gold

| Size | | Thickness | | SAP code |
|------|------|------|------|------|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332579 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100334486 |
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332619 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343426 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343430 |

Available finishes: Matt and Polished

# Marble



### Calatorao Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100342804 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343422 |



### Carrara Blanco

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100325566 |

Available finishes: Polished
1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)



### Elegant Bone

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100324928 |

Available finishes: Polished
1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)



### Elegant Grey

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100324918 |

Available finishes: Polished
1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)



### Glem White

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332596 |
| 59,6 x 120 cm | 24" x 48" | 6 mm | 1/4" | 100338726 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100334881 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100334341 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343306 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343308 |
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332662 |

Available finishes: Matt and Polished



### Liem Black Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100335738 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100339951 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343313 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343316 |

Available finishes: Polished
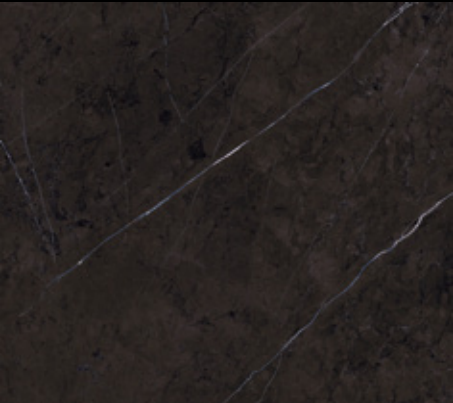


### Liem Dark Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100333912 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100333912 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100339977 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343318 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343320 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100332632 |

Available finishes: Polished



### Liem Grey Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332609 |
| 59,6 x 120 cm | 24" x 48" | 6 mm | 1/4" | 100338765 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100332632 |

# Marble

### Rivoli

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100325236 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Roma Marfil

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 11,5 mm | 7/16" | 100320226 |

Available finishes: Matt

### Roma Noce

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 11,5 mm | 7/16" | 100320257 |

Available finishes: Matt
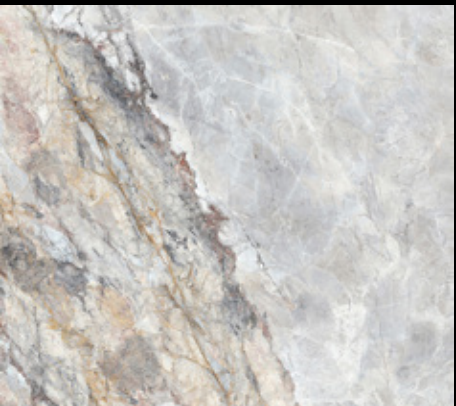
### Vendome Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100348288 |
| 120 x 120 cm | 47" x 47" | 6 mm | 1/4" | 100348304 |

# Metal

Ferroker
Steel Acero
Steel Bone
Steel Corten
Oxide Brown Nature

**STONKER** > 6mm / 1/4" Porcelain Panels
**PARKER** > 6mm / 1/4" Porcelain Panels wood finish
**XLIGHT** 6mm / 1/4" Large Format panels
**XTONE** 6mm / 1/4" & 12mm / 1/2" Large Format panels

# Metal



### Ferroker

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 40 cm x 80 cm | 16" x 32" | 10,3 mm | 7/16" | 100291820 |
| 59,6 x 120 cm | 23" x 47" | 11,5 mm | 7/16" | 100162426 |



### Oxide Brown Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332614 |



### Steel Acero

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 23" x 47" | 11,5 mm | 7/16" | 100320229 |



### Steel Bone

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 23" x 47" | 11,5 mm | 7/16" | 100320219 |



### Steel Corten

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 23" x 47" | 11,5 mm | 7/16" | 100320230 |

# Stone

Adda Bone
Adda Sand
Aged Clay Nature
Avenue Black Nature
Avenue Grey Nature
Avenue White Nature
Berna Acero
Berna Caliza
Berna Topo
Boston Bone
Boston Stone
Boston Topo
Coral Acero
Coral Caliza
Dorcia Acero
Dorcia Bone
Fiori Di Bosco Nature
Karachi Acero
Karachi Grey
Lucerna Acero
Lucerna Silver
Matika Acero
Matika Bone
Matika Topo
Montreal White Nature
Mystic Beige

Mystic Grey
Pietra Sicilia
River Silver
Savannah Caliza
Savannah Topo
Tourmalet Acero
Tourmalet Black
Tourmalet Caliza
Tourmalet Granito
Tourmalet White
Tura

**STONKER**   > 6mm / 1/4" Porcelain Panels
**PARKER**    > 6mm / 1/4" Porcelain Panels wood finish
**XLIGHT**    6mm / 1/4" Large Format panels
**XTONE**     6mm / 1/4" & 12mm / 1/2" Large Format panels

# Stone

### Adda Bone

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100309458 |

Available finishes: Matt

1/2 "(12 mm) thickness available for orders of > 7,000 SF (650 m2)

### Adda Sand

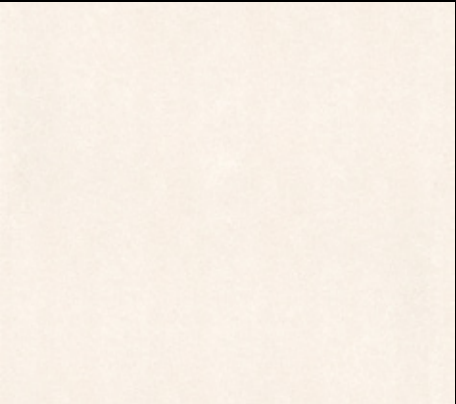| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100309459 |

Available finishes: Matt

1/2 "(12 mm) thickness available for orders of > 7,000 SF (650 m2)

### Aged Clay Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332128 |
| 59,6 x 120 cm | 24" x 48" | 6 mm | 1/4" | 100338750 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343314 |

### Avenue Black Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 9,5 mm | 5/16" | 100350371 |

Available finishes: Matt

1/2 "(12 mm) thickness available for orders of > 7,000 SF (650 m2)

### Avenue Grey Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 9,5 mm | 5/16" | 100350374 |

Available finishes: Matt

1/2 "(12 mm) thickness available for orders of > 7,000 SF (650 m2)

### Avenue White Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 9,5 mm | 5/16" | 100350377 |

Available finishes: Matt

1/2 "(12 mm) thickness available for orders of > 7,000 SF (650 m2)

### Berna Acero

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100306313 |

Available finishes: Matt (Only 120x120cm)

1/2 "(12 mm) thickness available for orders of > 7,000 SF (650 m2)

### Berna Caliza

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100306302 |

Available finishes: Matt (Only 120x120cm)

1/2 "(12 mm) thickness available for orders of > 7,000 SF (650 m2)
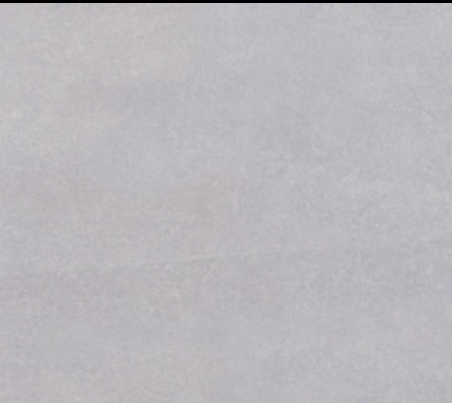
# Stone

**Berna Topo**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100309221 |

Available finishes: Matt

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

**Boston Bone**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6  x 180 cm | 23" x 71" | 11,5 mm | 7/16" | 100179347 |

**Boston Stone**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6  x 180 cm | 23" x 71" | 11,5 mm | 7/16" | 100179318 |

**Boston Topo**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6  x 180 cm | 23" x 71" | 11,5 mm | 7/16" | 100179326 |

**Coral Acero**

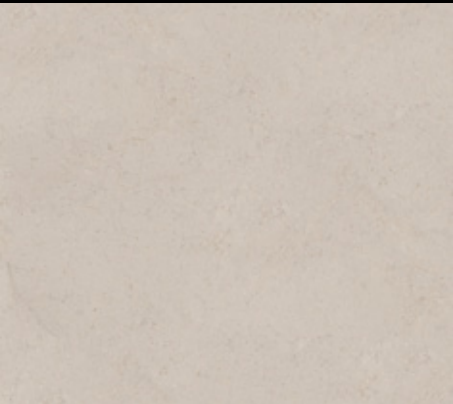| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100330193 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

**Coral Bone**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100348020 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

**Coral Caliza**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100330176 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

**Dorcia Acero**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100348026 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

# Stone

### Dorcia Bone

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100348020 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Fiori Di Bosco Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332605 |
| 59,6 x 120 cm | 24" x 48" | 6 mm | 1/4" | 100338815 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100337735 |
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332624 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343371 |

Available finishes: Matt and Polished

### Karachi Acero

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100312973 |

Available finishes: Matt

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Karachi Grey

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100309223 |

Available finishes: Matt

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Lucerna Acero

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100320266 |
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100320160 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Lucerna Silver

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100314070 |
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100314132 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Matika Acero

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 100 x 100 cm | 40" x 40" | 12 mm | 1/2" | 100299249 |

### Matika Bone

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 100 x 100 cm | 40" x 40" | 12 mm | 1/2" | 100299279 |

# Stone

### Matika Topo

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 100 x 100 cm | 40" x 40" | 12 mm | 1/2" | 100299292 |

### Montreal White Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332611 |
| 59,6 x 120 cm | 24" x 48" | 6 mm | 1/4" | 100338766 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100342153 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343340 |

### Mystic Beige

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100336887 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Mystic Grey

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100336888 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Pietra Sicilia

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 160 x 320 cm | 63" x 126" | 6-12 mm | 1/4"-1/2" | 100340857 |

### River Silver

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 11,5 mm | 7/16" | 100222385 |

### Savannah Caliza

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 11,5 mm | 7/16" | 100337274 |
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100355438 |

### Savannah Topo

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 11,5mm | 7/16" | 100337256 |
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100355442 |

# Stone



### Tourmalet Acero

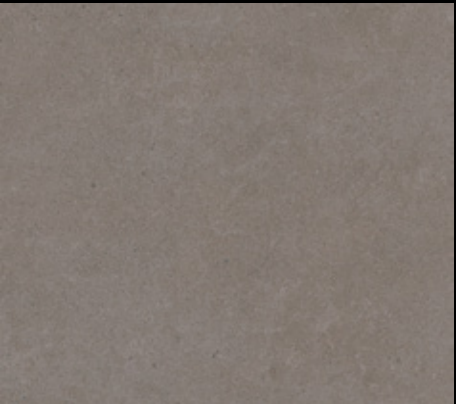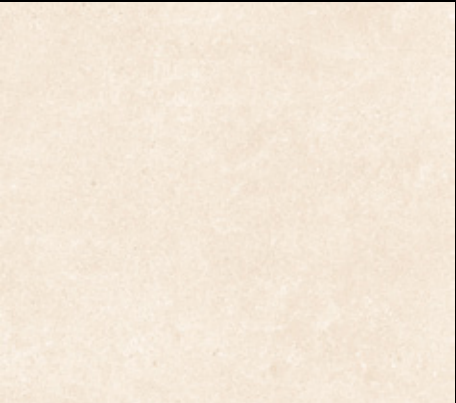| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100364102 |
| 59,6 x 120 cm | 24" x 48" | 8,5 mm | 5/16" | 100364057 |
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100364021 |

Available finishes: Matt

1/2 "(12 mm) thickness available for orders of > 7,000 SF (650 m2)



### Tourmalet Black

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100364114 |
| 59,6 x 120 cm | 24" x 48" | 8,5 mm | 5/16" | 100364063 |
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100364027 |

Available finishes: Matt

1/2 "(12 mm) thickness available for orders of > 7,000 SF (650 m2)



### Tourmalet Caliza

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100364096 |
| 59,6 x 120 cm | 24" x 48" | 8,5 mm | 5/16" | 100364096 |
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100363998 |

Available finishes: Matt

1/2 "(12 mm) thickness available for orders of > 7,000 SF (650 m2)



### Tourmalet Granito

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100364108 |
| 59,6 x 120 cm | 24" x 48" | 8,5 mm | 5/16" | 100364060 |
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100364024 |

Available finishes: Matt

1/2 "(12 mm) thickness available for orders of > 7,000 SF (650 m2)



### Tourmalet White

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100364090 |
| 59,6 x 120 cm | 24" x 48" | 8,5 mm | 5/16" | 100364051 |
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100363995 |

Available finishes: Matt

1/2 "(12 mm) thickness available for orders of > 7,000 SF (650 m2)



### Tura

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 160 x 320 cm | 63" x 126" | 6-12 mm | 1/4"-1/2" | 100342776 |

# Technic

Extreme White
Moon White Nature
Nova Esp
Technic Nieve

**STONKER** > 6mm / 1/4" Porcelain Panels
**PARKER** > 6mm / 1/4" Porcelain Panels wood finish
**XLIGHT** 6mm / 1/4" Large Format panels
**XTONE** 6mm / 1/4" & 12mm / 1/2" Large Format panels

# Technic
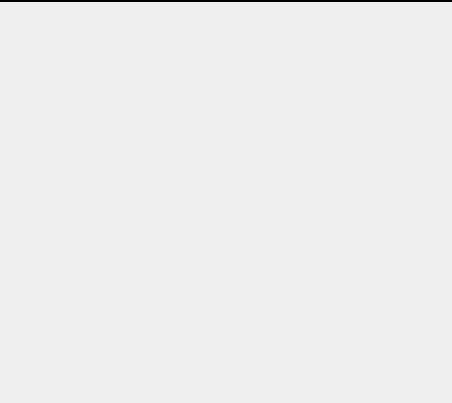
### Extreme White

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 11,5 mm | 7/16" | 100158512 |

### Moon White Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332752 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100335304 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343343 |
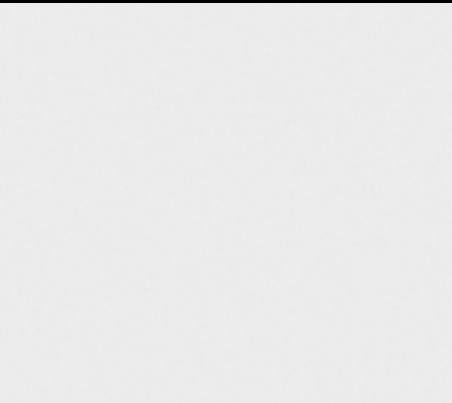
### Nova Esp

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 120 cm | 24" x 48" | 11,5 mm | 7/16" | 100315867 |
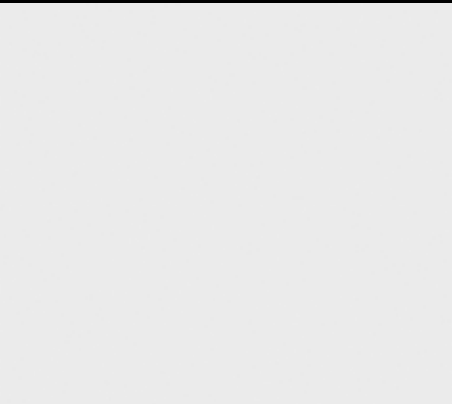
### Technic Nieve

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 180 cm | 24" x 48" | 11,5 mm | 7/16" | 100153392 |

# Terracota / Terrazzo

Cotto Cáñamo
Treviso Antracita
Treviso Blanco

**STONKER** > 6mm / 1/4" Porcelain Panels
**PARKER** > 6mm / 1/4" Porcelain Panels wood finish
**XLIGHT** 6mm / 1/4" Large Format panels
**XTONE** 6mm / 1/4" & 12mm / 1/2" Large Format panels

# Terracota / Terrazzo

### Cotto Cáñamo

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 59,6 x 59,6 cm | 24" x 24" | 8,5 mm | 5/16" | 100326021 |
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100310660 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Treviso Antracita

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100310861 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

### Treviso Blanco

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 120 cm | 48" x 48" | 8,5 mm | 5/16" | 100310881 |

Available finishes: Matt and Polished

1/2 "(12 mm) thickness available for orders of > 7,000 SF  (650 m2)

# Wood

Bremen Ash
Bremen Natural
Bremen Nut
Bremen Roble
Bruselas Fresno
Bruselas Roble
Bruselas Walnut
Cadore Arce Nature
Ele Nature
Ewood Camel Nature
Manhattan Cognac
Manhattan Colonial
Manhattan Maple
Minnesota Ash
Minnesota Camel
Minnesota Cream
Minnesota Honey
Minnesota Moka
Neda Nature
Tanzania Almond
Tanzania Natural

Tanzania Nut
Tanzania Silver
Tanzania Taupe
Tanzania White
Vancouver Brown
Vancouver Honey
Vancouver Moka
Vancouver Nude
Vancouver Sand

**STONKER**     > 6mm / 1/4" Porcelain Panels
**PARKER**     > 6mm / 1/4" Porcelain Panels wood finish
**XLIGHT**     6mm / 1/4" Large Format panels
**XTONE**     6mm / 1/4" & 12mm / 1/2" Large Format panels

# Wood

**Bremen Ash**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 19,3 x 120 cm | 8" x 47" | 11,5 mm | 7/16" | 100299124 |

**Bremen Natural**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 19,3 x 120 cm | 8" x 47" | 11,5 mm | 7/16" | 100299155 |

**Bremen Nut**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 19,3 x 120 cm | 8" x 47" | 11,5 mm | 7/16" | 100299149 |

**Bremen Roble**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 19,3 x 120 cm | 8" x 47" | 11,5 mm | 7/16" | 100299159 |

**Bruselas Fresno**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 19,3 x 180 cm | 8" x 71" | 11,5 mm | 7/16" | 100347959 |
| 29,4 x 180 cm | 12" x 71" | 11,5 mm | 7/16" | 100347935 |

**Bruselas Roble**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 19,3 x 180 cm | 8" x 71" | 11,5 mm | 7/16" | 100347962 |
| 29,4 x 180 cm | 12" x 71" | 11,5 mm | 7/16" | 100347938 |

**Bruselas Walnut**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 19,3 x 180 cm | 8" x 71" | 11,5 mm | 7/16" | 100347969 |
| 29,4 x 180 cm | 12" x 71" | 11,5 mm | 7/16" | 100347944 |

**Cadore Arce Nature**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100348292 |

# Wood

### Cadore Wengue Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100355490 |

### Ele Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100347242 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100347254 |

### Ewood Camel Nature

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 120 x 270 cm | 47" x 106" | 6 mm | 1/4" | 100332603 |
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100333864 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100343428 |

### Manhattan Cognac

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 19,3 x 120 cm | 8" x 47" | 11,5 mm | 7/16" | 100190027 |
| 19,3 x 180 cm | 8" x 71" | 11,5 mm | 7/16" | 100190050 |
| 29,4 x 120 cm | 12" x 47" | 11,5 mm | 7/16" | 100190034 |
| 29,4 x 180 cm | 12" x 71" | 11,5 mm | 7/16" | 100190048 |

### Manhattan Colonial

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 19,3 x 120 cm | 8" x 47" | 11,5 mm | 7/16" | 100190042 |
| 19,3 x 180 cm | 8" x 71" | 11,5 mm | 7/16" | 100190055 |
| 29,4 x 120 cm | 12" x 47" | 11,5 mm | 7/16" | 100190052 |
| 29,4 x 180 cm | 12" x 71" | 11,5 mm | 7/16" | 100190061 |

### Manhattan Maple

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 19,3 x 120 cm | 8" x 47" | 11,5 mm | 7/16" | 100190043 |
| 19,3 x 180 cm | 8" x 71" | 11,5 mm | 7/16" | 100190038 |
| 29,4 x 120 cm | 12" x 47" | 11,5 mm | 7/16" | 100190060 |
| 29,4 x 180 cm | 12" x 71" | 11,5 mm | 7/16" | 100190039 |

### Minnesota Ash

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339701 |

### Minnesota Camel

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339706 |

# Wood

**Minnesota Cream**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339711 |

**Minnesota Honey**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339716 |

**Minnesota Moka**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339721 |

**Neda Nature**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 160 x 320 cm | 63" x 126" | 6 mm | 1/4" | 100347258 |
| 160 x 320 cm | 63" x 126" | 12 mm | 1/2" | 100347266 |

**Tanzania Almond**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339736 |

**Tanzania Natural**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339741 |

**Tanzania Nut**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339741 |

**Tanzania Silver**

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339751 |

# Wood



### Tanzania Taupe

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339756 |



### Tanzania White

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339761 |



### Vancouver Brown

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339769 |



### Vancouver Honey

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339772 |



### Vancouver Moka

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339777 |



### Vancouver Nude

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339782 |



### Vancouver Sand

| Size | | Thickness | | SAP code |
|---|---|---|---|---|
| 23 x 150 cm | 9" x 59" | 11 mm | 7/16" | 100339787 |

# Facade types
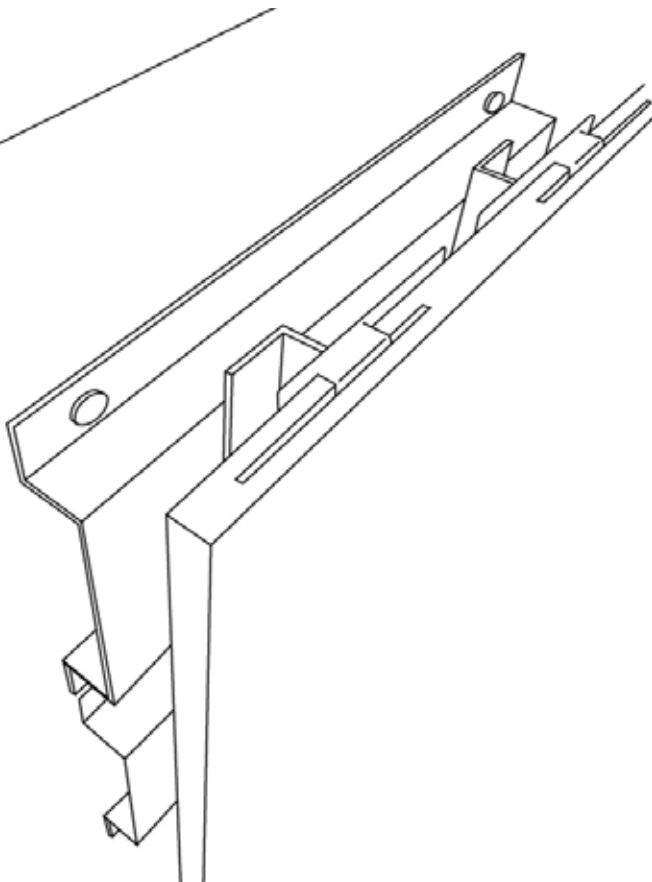
## VF Single siding
## Visible clips

Façade system with horizontal top-hat profiles that does not allow for levelling or adjustment between the substrate and the front of the façade. The porcelain panels fit into stainless-steel clips, leaving the holding tabs exposed. Depending on the porcelain panel model, the clips can be lacquered according to the RAL colour chosen by the client.

Recommended for rainscreens with a shallow cladding zone, where the visibility of the fixing clips is not an issue.

Minimum build up:                    3/4" (20mm)
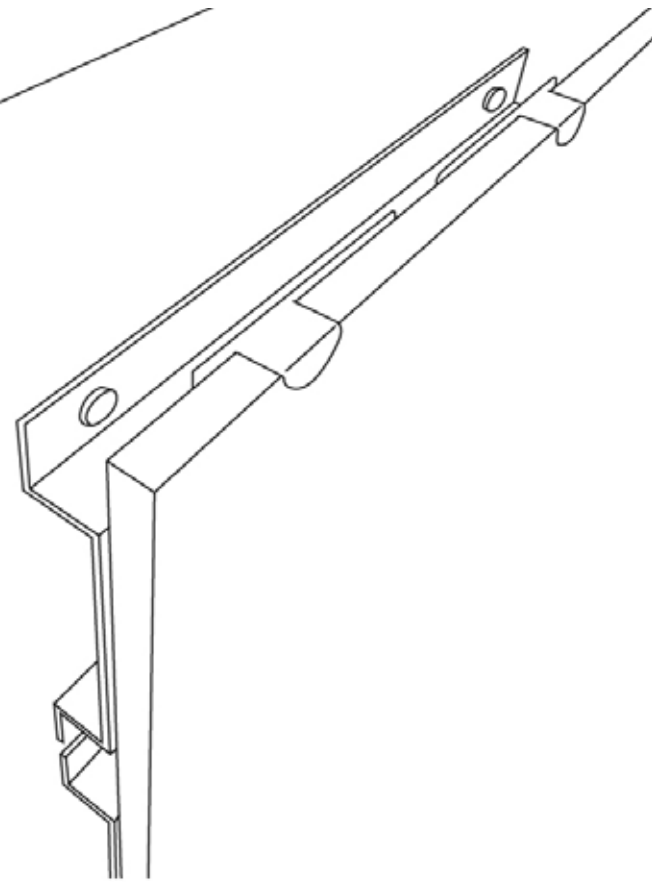
## VF Single siding
## Concealed clips

Façade system with horizontal top-hat profiles that does not allow for levelling or adjustment between substrate and the front of the façade. The porcelain panels are supplied with kerf slots where the holding tabs of the clip fit in, leaving them concealed.

Recommended for rainscreens with a shallow cladding zone, where you prefer not to see the fixing clips.

Minimum build up:                    3/4" (20mm)
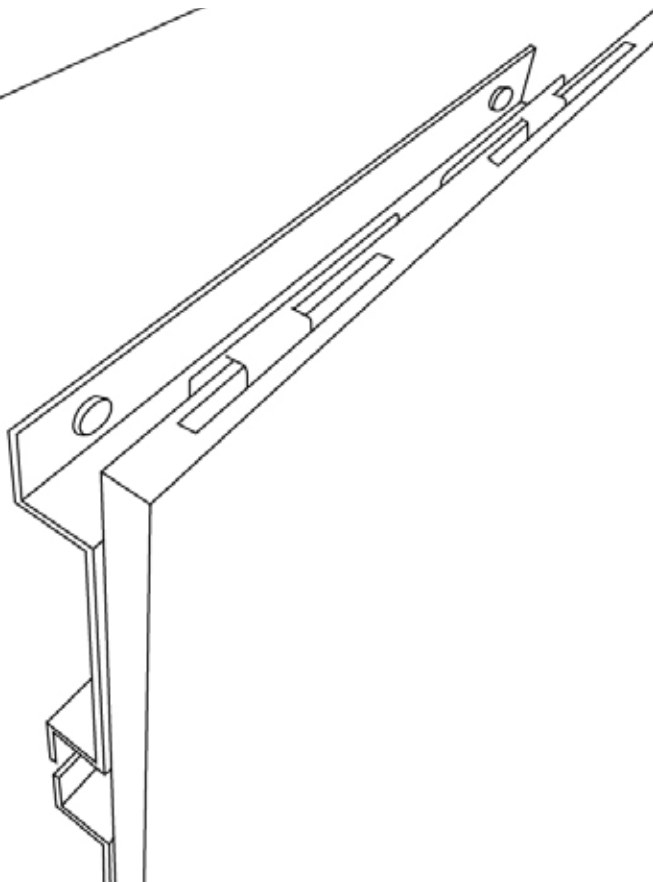
## VF Double siding
## Visible clips

Façade system with horizontal and vertical top-hat profiles that does not allow for levelling or adjustment between the substrate and the front of the façade. The porcelain panels fit into stainless-steel clips, leaving the holding tabs exposed. Depending on the porcelain panel model, the clips can be lacquered according to the RAL colour chosen by the client.

Recommended for rainscreens with a moderate cladding zone, where the visibility of the fixing clips is not an issue.

Minimum build up:                    1 ½" (40mm)
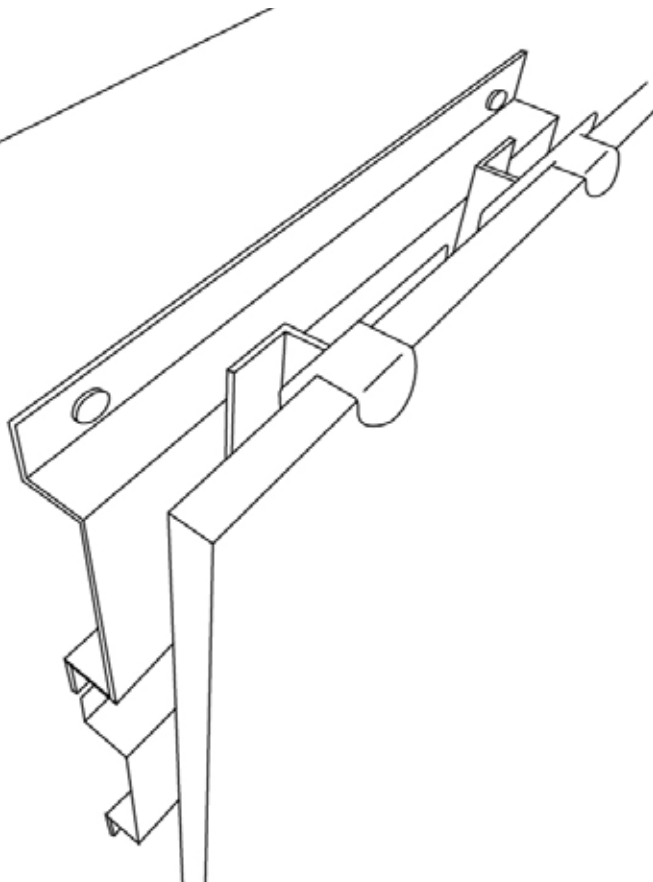
## VF Double siding
## Concealed clips

Façade system with horizontal and vertical top-hat profiles that does not allow for levelling or adjustment between the substrate and the front of the façade. The porcelain panels are supplied with kerf slots where the holding tabs of the clip fit in, leaving them concealed.

Recommended for rainscreens with a moderate cladding zone, where you prefer not to see the fixing clips.
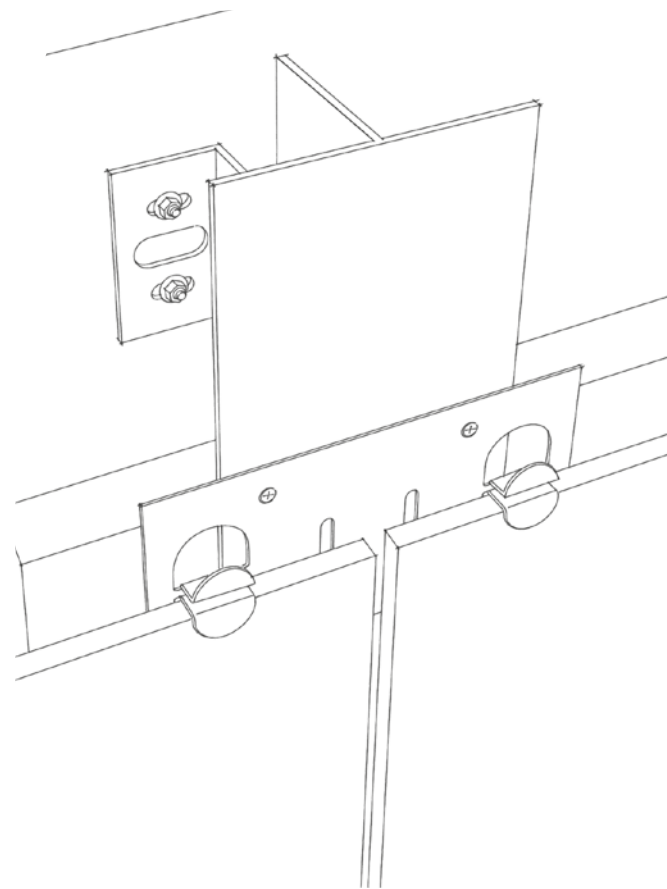
Minimum build up:                    1 ½" (40mm)

# Facade types

## VF Vertical Profiles
## Visible clips

Façade system with adjustable vertical profiles that allow for levelling and adjustment between the substrate and the front of the façade. The porcelain panels fit into stainless-steel clips, leaving the holding tabs exposed. Depending on the porcelain panel model, the clips can be lacquered in the RAL colour chosen by the client.

Recommended for rainscreens with a wide cladding zone, where you need to adjust the build up and the visibility of the fixing clips is not an issue.

Minumum build up:  ≥ 3" (80mm)

## VF Profiles - Concealed
## clips & kerfs

Façade system with adjustable vertical profiles that allow for levelling and adjustment between the substrate and the front of the façade. The porcelain panels are supplied with kerfs slots where the holding tabs of the clip fit in, leaving them concealed.

Recommended for rainscreens with a wide and adjustable cladding zone, where the fixing clips are preferably concealed.

Minimum build up:  ≥ 3" (80mm)
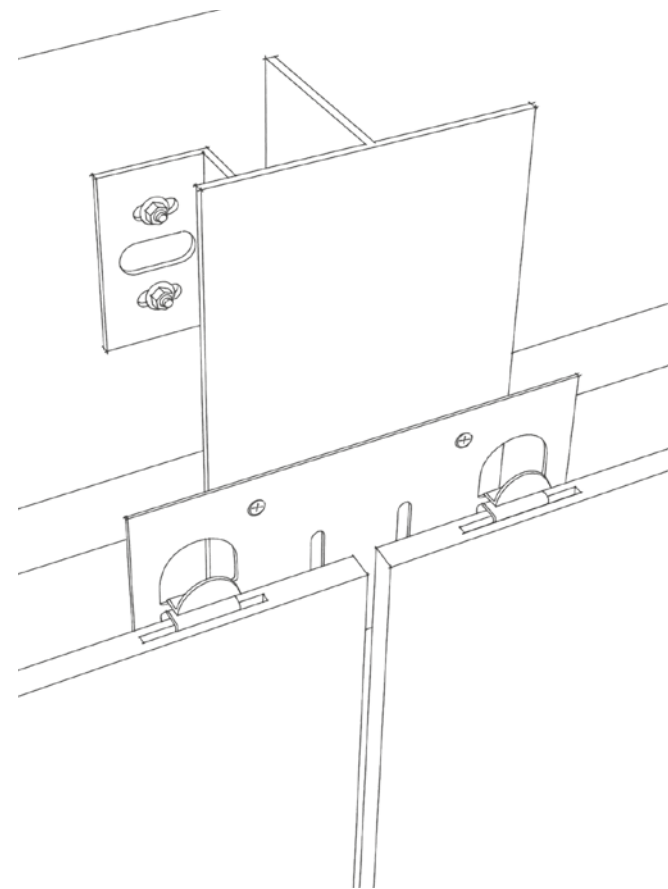
## VF C-BOLT - Concealed
## clips

The large format porcelain panels are supplied with anchors inserted on the back of the pieces through expandable screws that fit into a profiles system attached to the facade structure, remaining completely hidden from view.
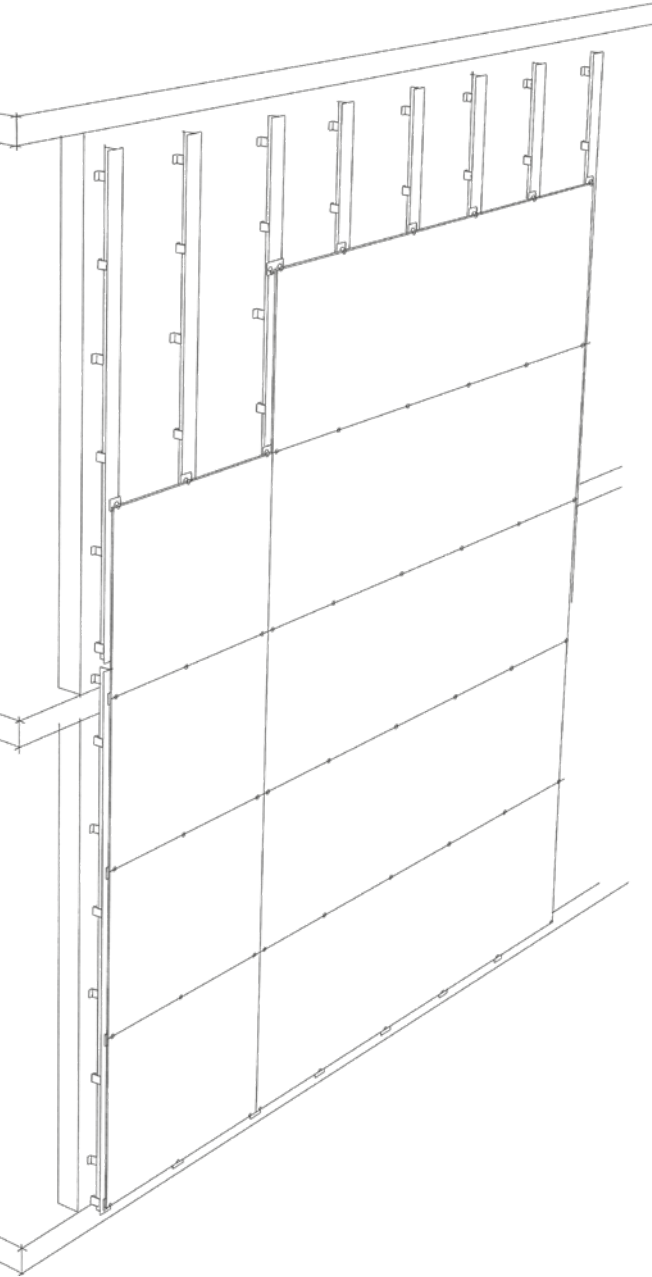
Recommended for large and heavy porcelain panels, where the width of the cladding zone is not an issue.

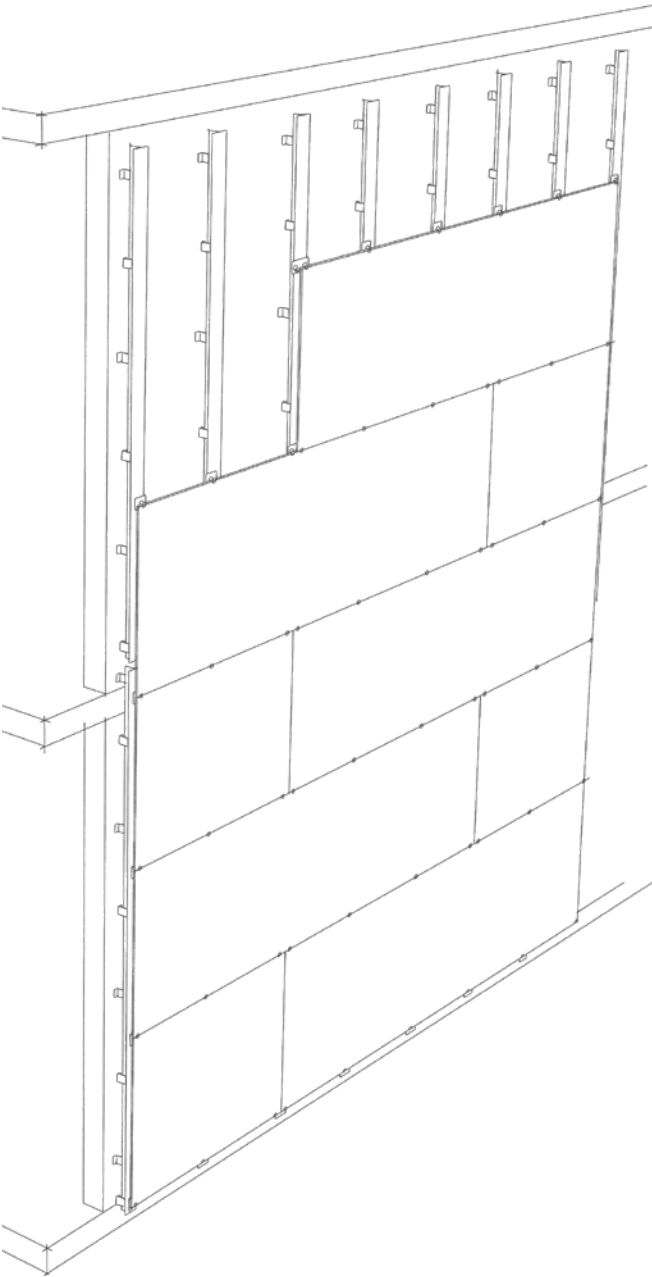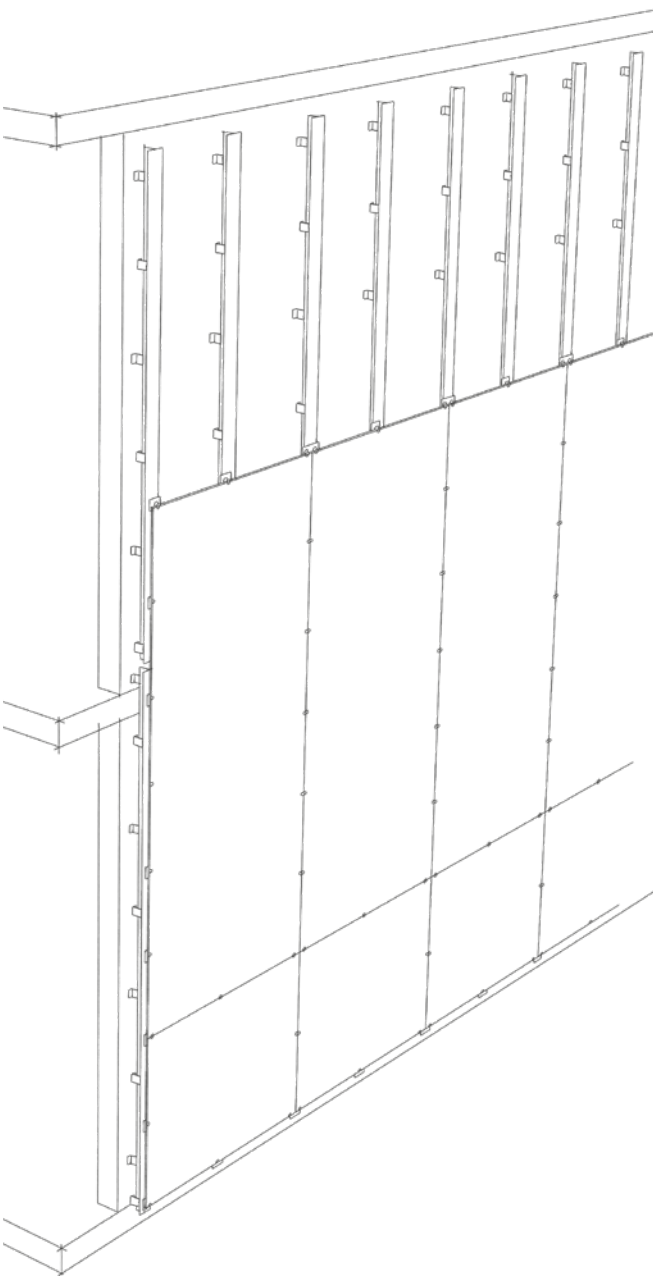Minimum build up:  ≥ 4" (100.5mm)
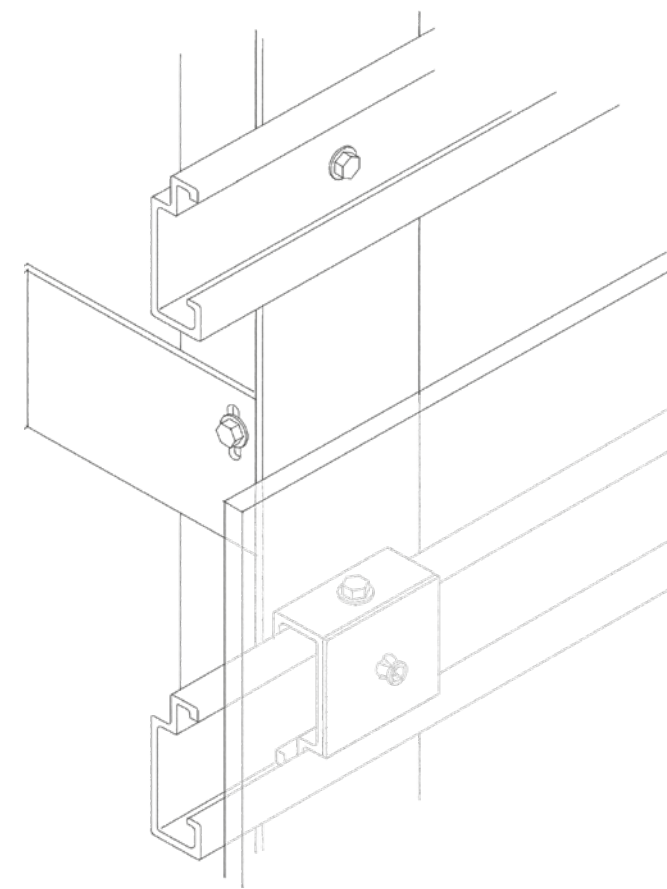
# Example layouts

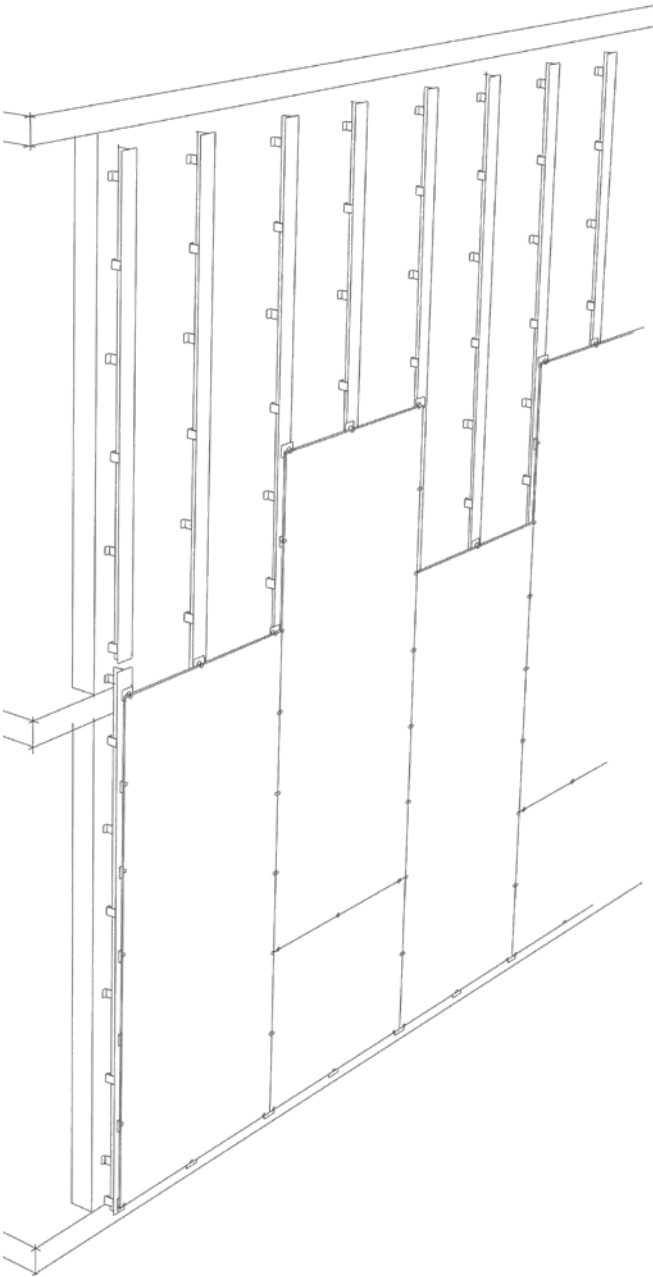**Horizontal modulation with straight joints**

**Horizontal modulation with staggered joints**

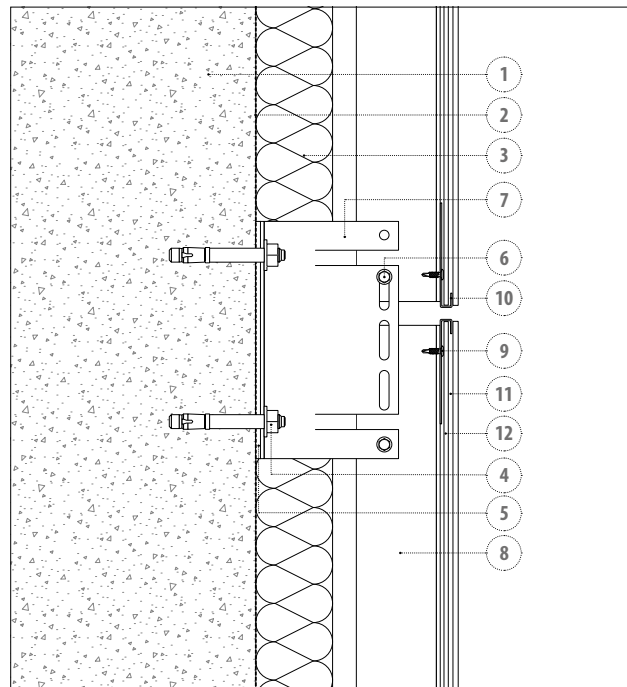**Vertical modulation with straight joints**

**Vertical modulation with staggered joints**

# Facade types

## Construction details
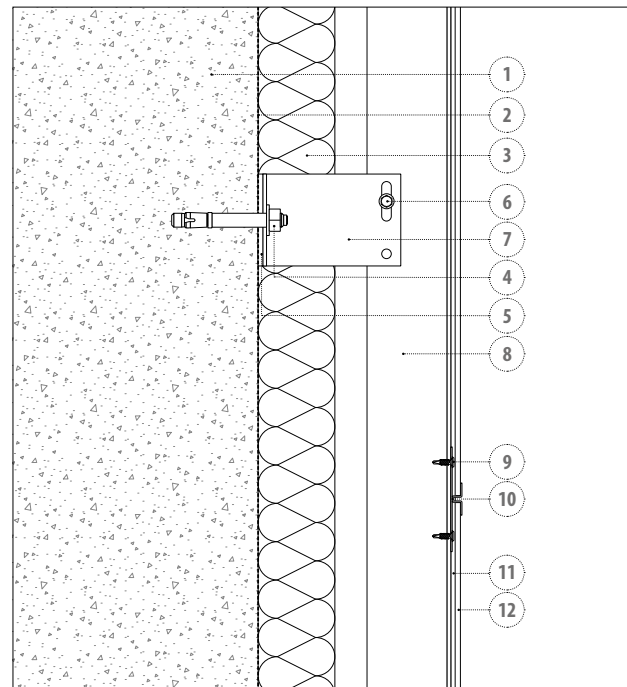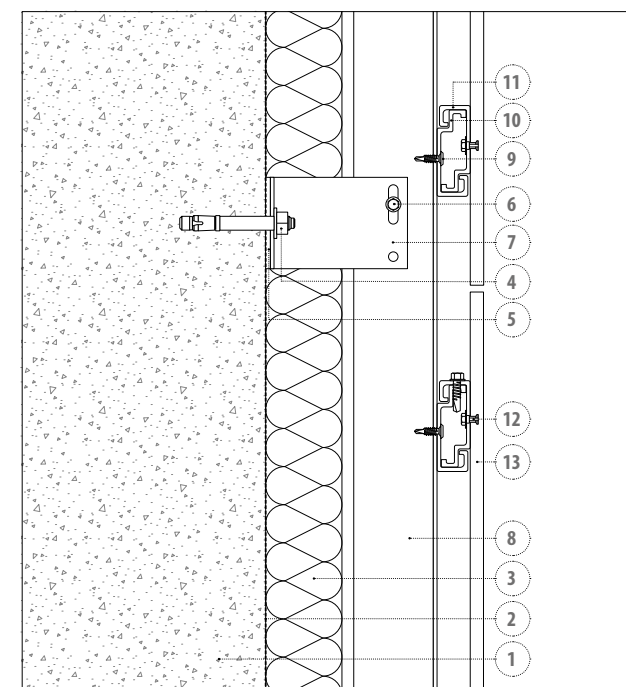## Concealed clip



**Vertical cross-section**

Elements of the system:

1. Substrate
2. Waterproofing
3. Thermal insulation
4. Anchor
5. Thermal isolator
6. Screw
7. L Brakets
8. T Profiles
9. Self-drilling screw
10. Concealed clip
11. Adhesive
12. Porcelain panel

## Construction details
## Visible clip



**Vertical cross-section**

Elements of the system:

1. Substrate
2. Waterproofing
3. Thermal insulation
4. Anchor
5. Thermal isolator
6. Screw
7. L Brakets
8. T Profiles
9. Self-drilling screw
10. Visible clip
11. Adhesive
12. Porcelain panel

## Construction details
## C-BOLT Concealed clip



**Vertical cross-section**

Elements of the system:

1. Substrate
2. Waterproofing
3. Thermal insulation
4. Anchor
5. Thermal isolator
6. Screw
7. L Brakets
8. Vertical aluminum tubular profile
9. Self-drilling screw
10. C-BOLT main fixing clip
11. C-BOLT secondary fixing clip
12. C-BOLT screw
13. Porcelain panel

## Questions?

Contact us at
416-708-2994

Or email us at
anna@snrg.ca

## Find us at

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