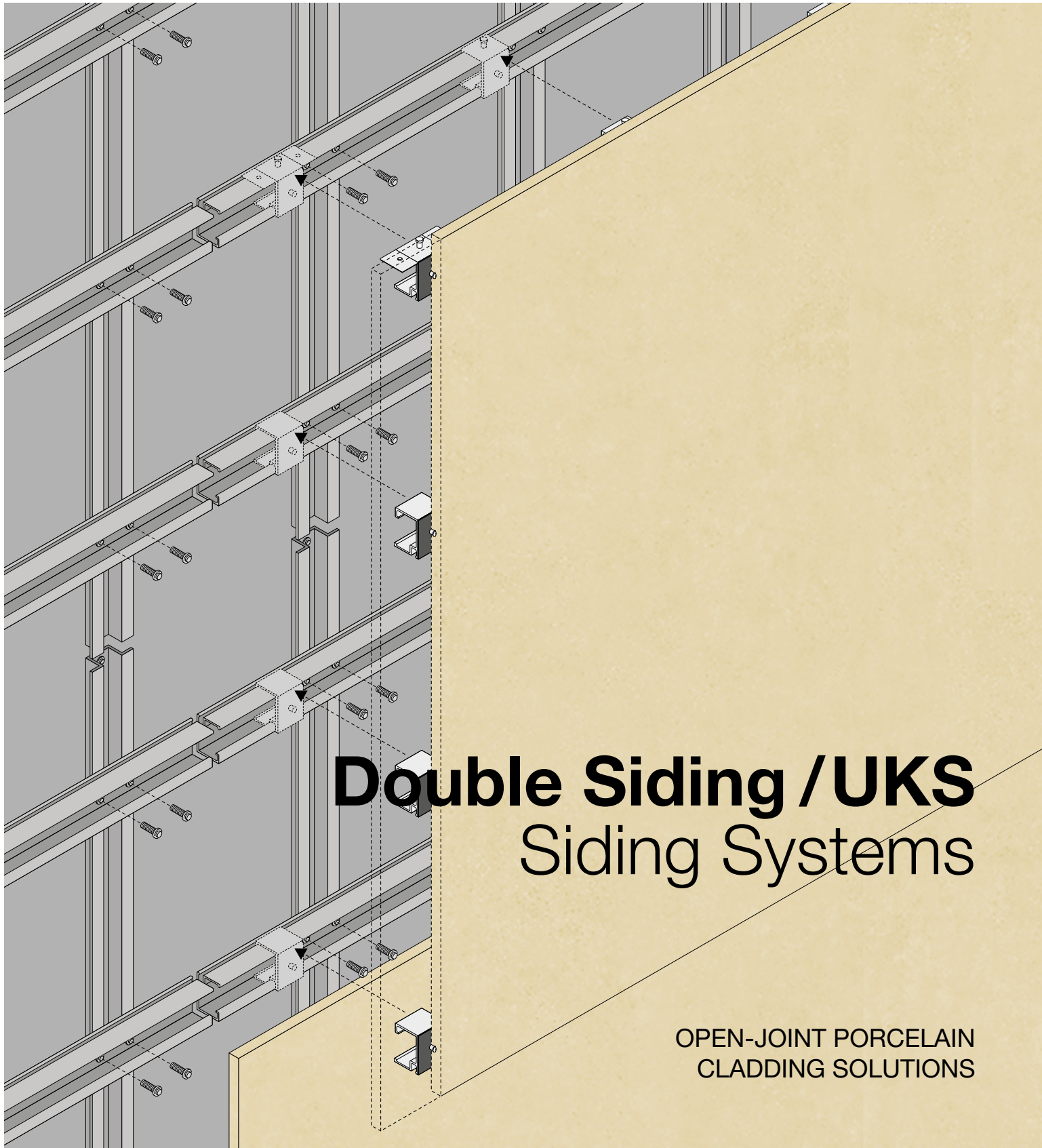


PORCELANOSA FACADE/



Double Siding / UKS Siding Systems

OPEN-JOINT PORCELAIN
CLADDING SOLUTIONS

Double Siding /UKS

Siding Systems

DREAM BIG DESIGN WITHOUT LIMITS

Porcelanosa’s Siding Systems offer a façade solution with porcelain panels in pre-set sizes and large-size formats. We designed the Siding Systems to minimize the construction assembly depth. The DS (Double Siding) and UKS (Undercut Keil System) together offer limitless configurations for architects and a quick installation for installers.

AN IDEA AND AN ELEGANT SOLUTION A REMARKABLE FAÇADE

The DS/UKS is a concealed mechanical fixing system. It uses a minimal substructure to reduce façade depth. Our porcelain panels are secured to the substructure using c-bolts. The c-bolts are inserted into precise undercut keil anchors on the porcelain panel’s back.

This system supports ventilated façades both with and without continuous insulation, adapting flexibly to project requirements.

WHY CHOOSE DS/CKS SYSTEM?

- Unlimited Finishes**
Lets you customize façade layout patterns and unique formats.
- Simplicity**
Wide range of finishes, textures, and sizes.
- Concealed Fixing**
Invisible mechanical fasteners.
- Thermal Performance:**
Compatible with non-insulated and insulated façades, including continuous insulation options for enhanced thermal efficiency.
- Long-Term Durability:**
Engineered for resilience and performance in contemporary architecture.

Design Your Porcelain Program

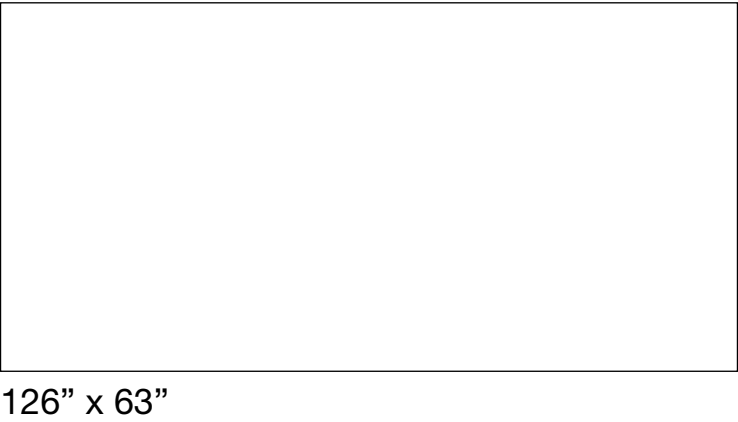
CREATE A SIGNATURE LOOK FOR YOUR PROJECT

Porcelanosa lets you co-design exclusive porcelain panels. A truly unique finish for landmark architecture. This is for façade designs that use more than **10,000 sf** of large-format panels or over **15,000 sf** of regular-format panels. Bring your creative vision to life with personalized textures, tones, and dimensions.

Panel Sizes Available 1/2” Thick (12 mm)

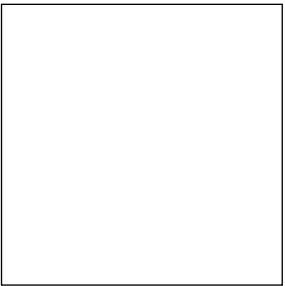
Large Format

CONTINUOUS PRESS TECHNOLOGY

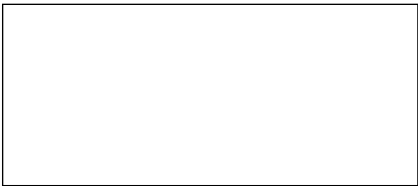


Regular Format

PRE-SET SIZED MOLD TECHNOLOGY



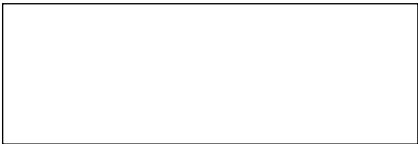
48” x 48”



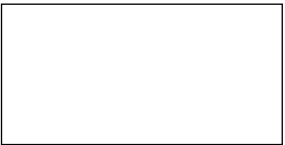
71” x 31”



59” x 20”



71” x 24”

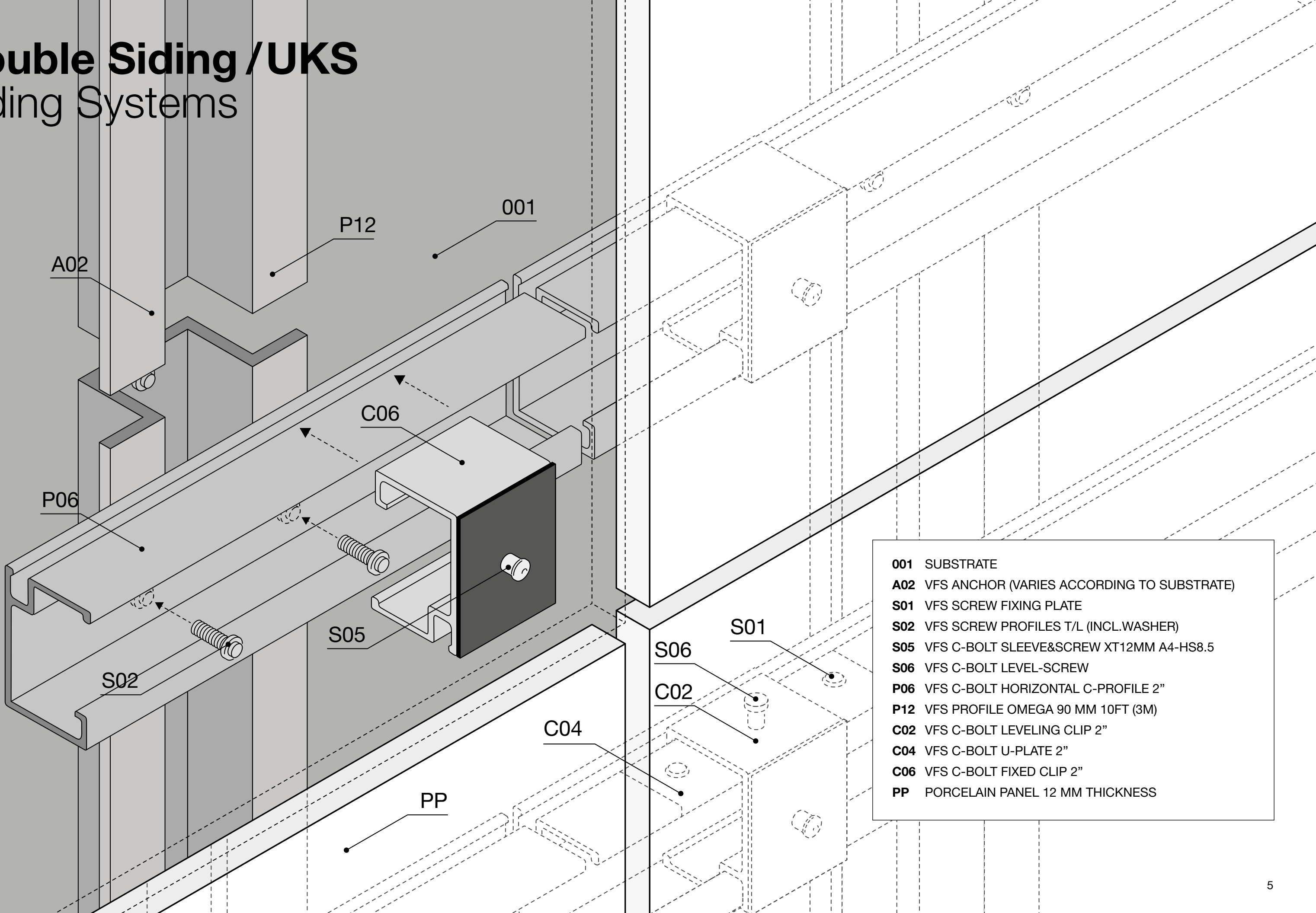


48” x 24”

** Other smaller molds available
such as 39”x39”, 36”x18”,
32”x32”, 24”x24”*

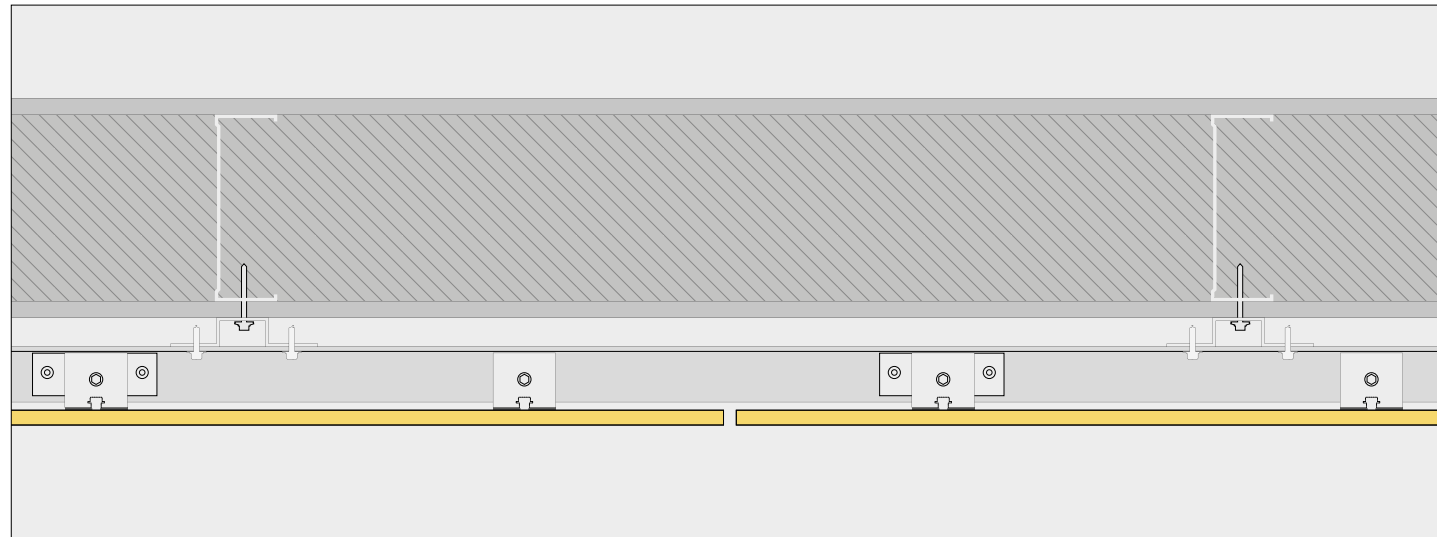
Double Siding /UKS

Siding Systems



- 001** SUBSTRATE
- A02** VFS ANCHOR (VARIES ACCORDING TO SUBSTRATE)
- S01** VFS SCREW FIXING PLATE
- S02** VFS SCREW PROFILES T/L (INCL.WASHER)
- S05** VFS C-BOLT SLEEVE&SCREW XT12MM A4-HS8.5
- S06** VFS C-BOLT LEVEL-SCREW
- P06** VFS C-BOLT HORIZONTAL C-PROFILE 2"
- P12** VFS PROFILE OMEGA 90 MM 10FT (3M)
- C02** VFS C-BOLT LEVELING CLIP 2"
- C04** VFS C-BOLT U-PLATE 2"
- C06** VFS C-BOLT FIXED CLIP 2"
- PP** PORCELAIN PANEL 12 MM THICKNESS

Double Siding /UKS



Horizontal Typical Detail.

SUBSTRUCTURE & BUILD-UP

The DS/UKS system has vertically oriented, inverted compact omega profiles anchored to the metal studs, C-rails, and C-Bolts tailored to the back of the panels. This results in a minimized façade projection and a compact ventilated cavity.

Max./Min. build-up:

Standard configuration (no continuous insulation):
3-1/4" depth.

With continuous insulation:
Depth = 3-5/8" + insulation thickness.

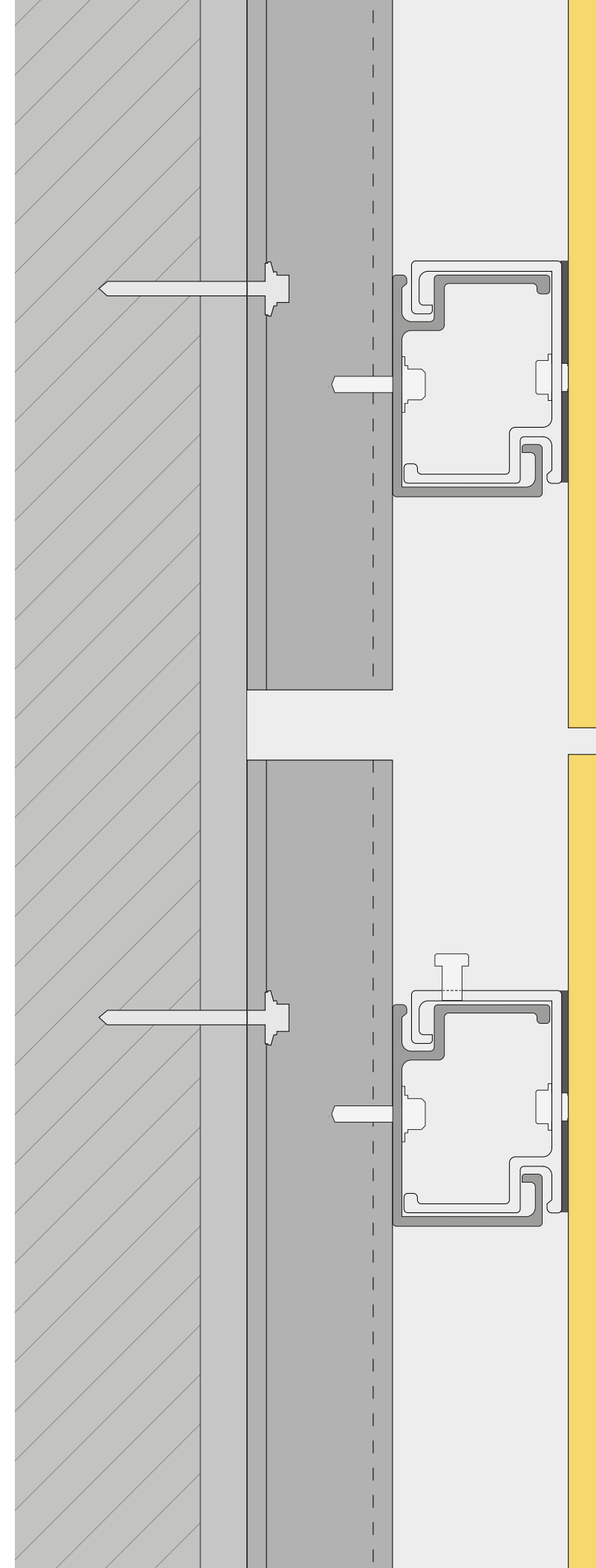
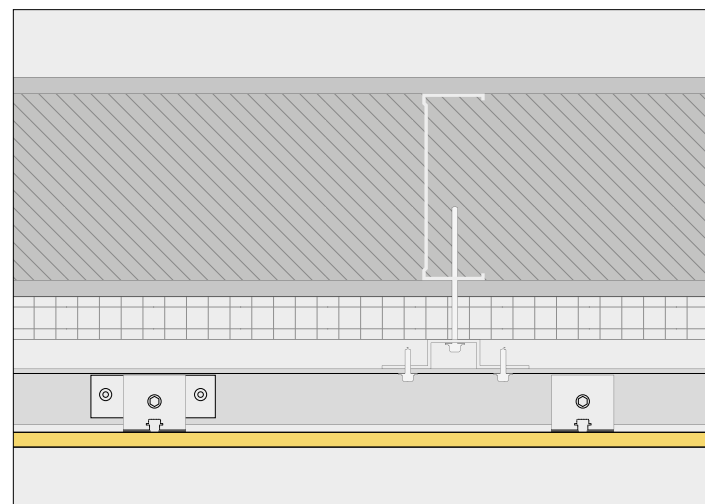
Typical joints:

- Standard vertical and horizontal joint: 3/16" (5 mm) or 5/16" (8 mm) for pre-set size panels; 3/8" (10 mm) for large-size format panels.

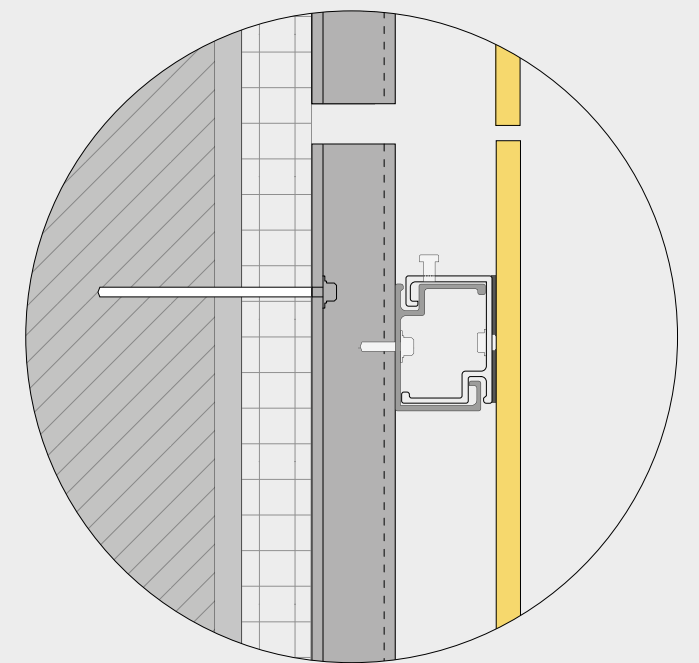
- Custom joints are available based on project requirements.

SOLID CONTINUOUS INSULATION SOLUTION

The system accommodates solid continuous insulation installed over the substrate. Screw attachments penetrate the insulation with minimal thermal bridging. This improves energy performance and envelope integrity. See our thermal reports and discover our great results!



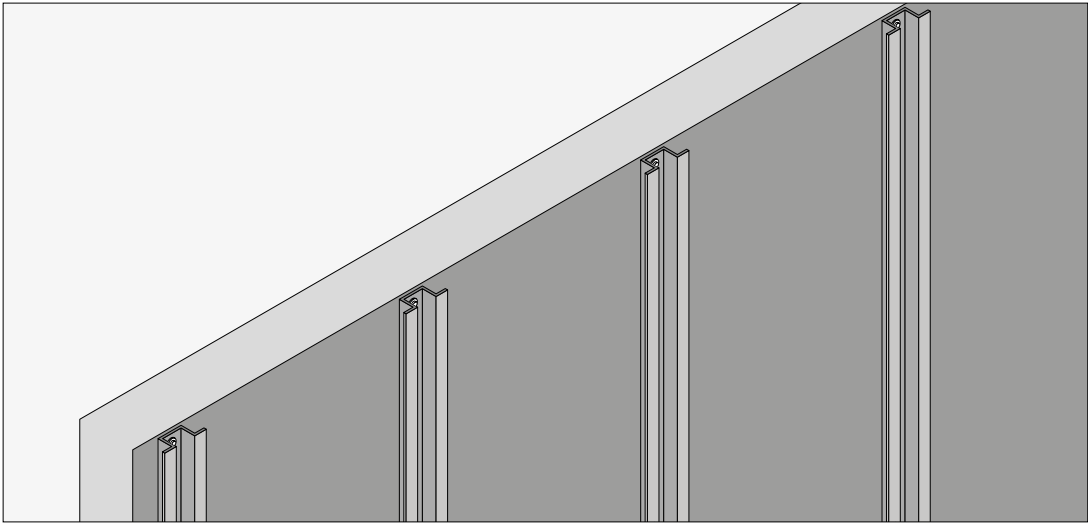
Vertical Typical Detail



Double Siding /UKS

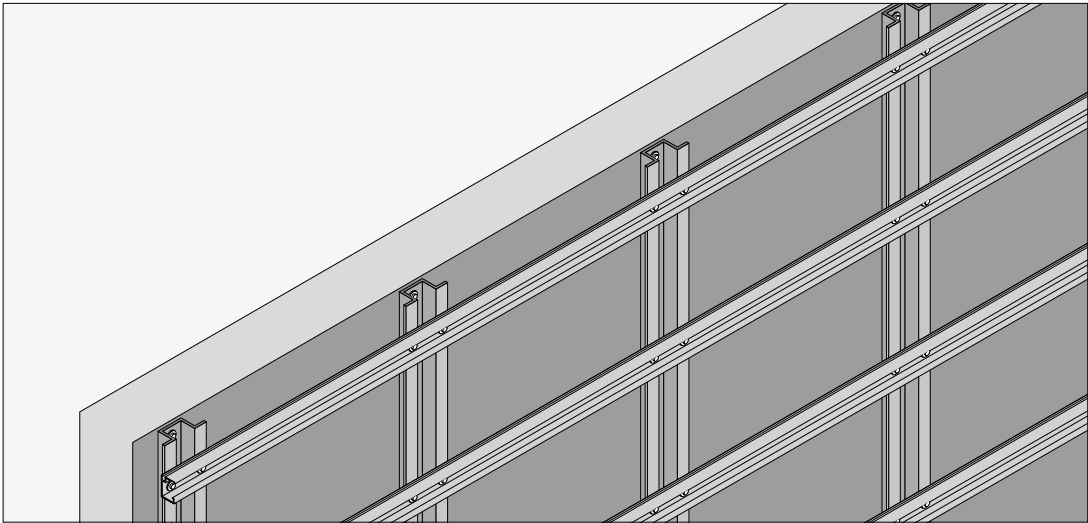
1

Installation of vertical
omega profiles



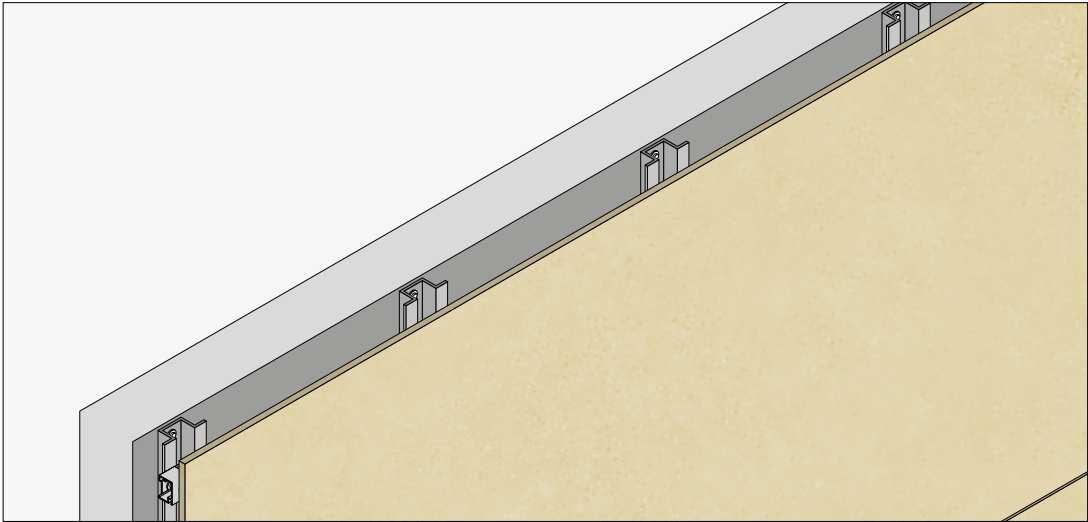
2

Installation of horizontal
C-Rails



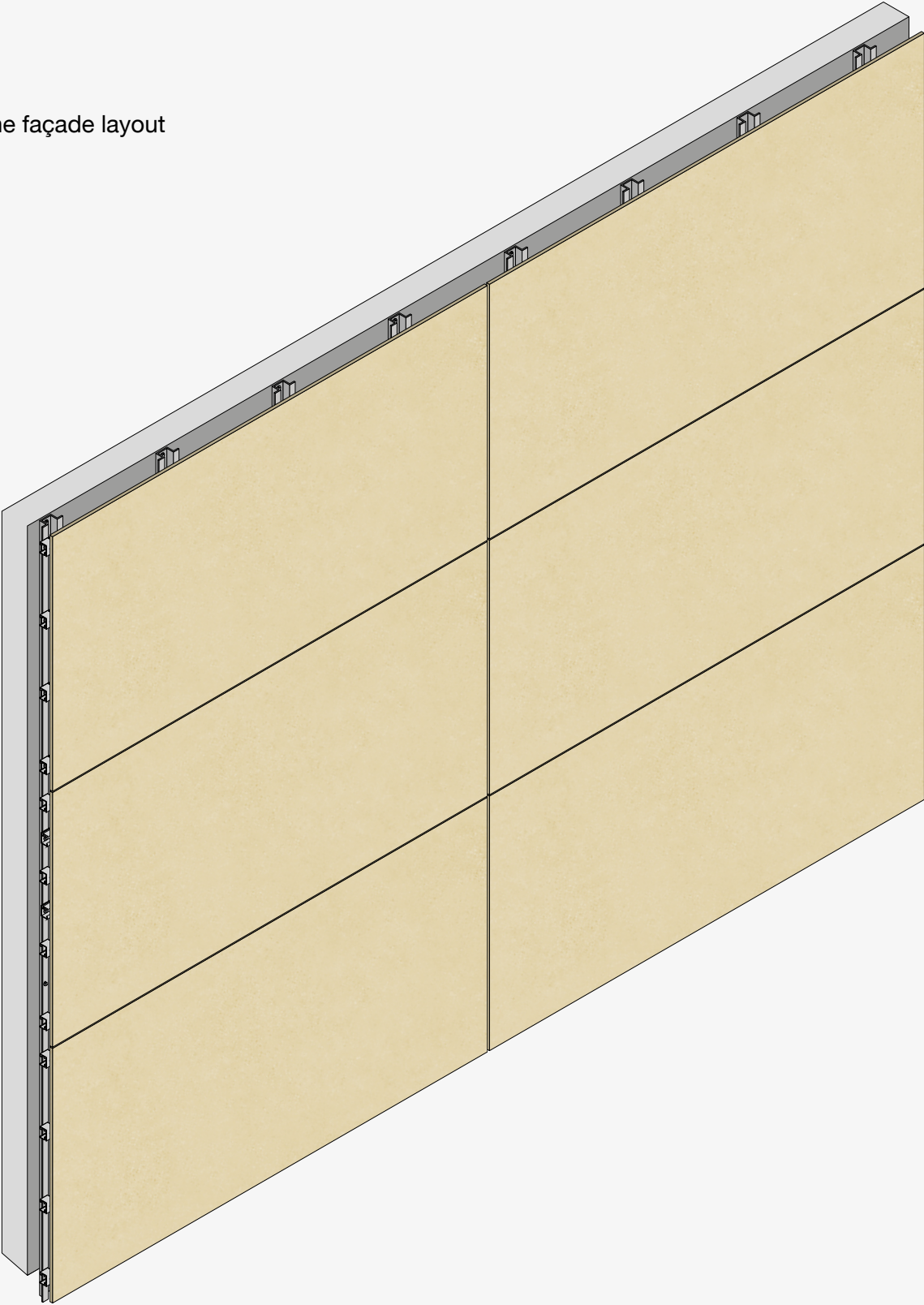
3

Placement of
Porcelanosa porcelain
panels; Hanging and
leveling.



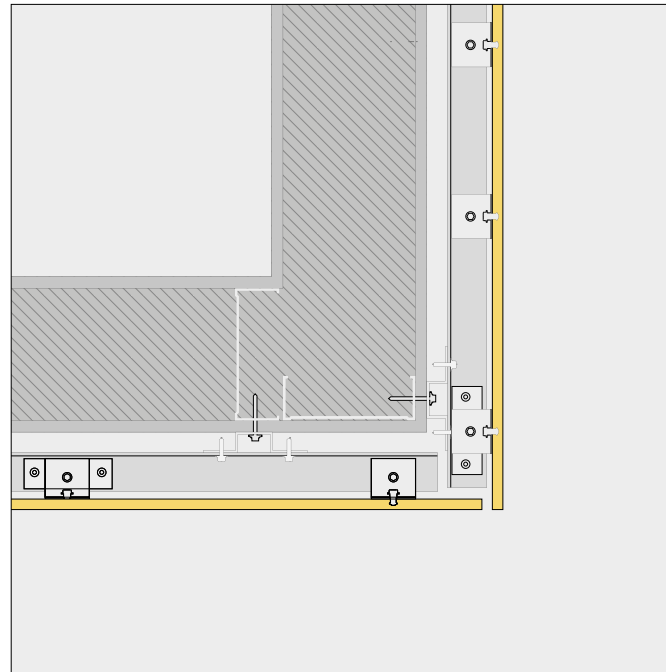
4

Completing the façade layout



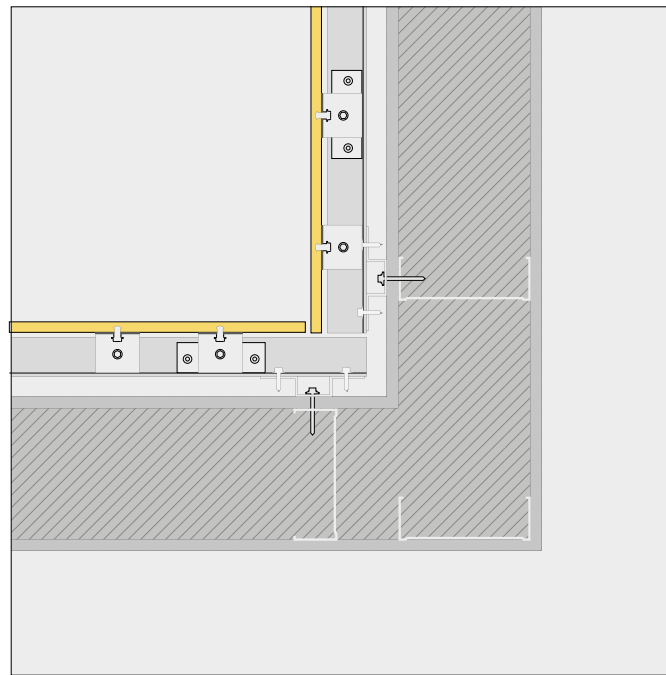
Double Siding /UKS

Every edge, every transition —
Fully resolved with precision



Outside Corner Detail

No corner left unresolved —
Complete integration across all façade junctions

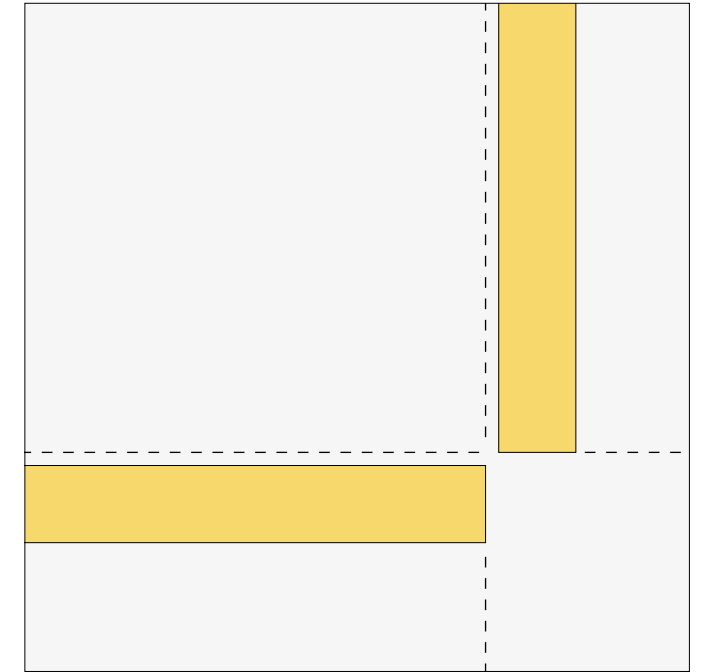


Inside Corner Detail

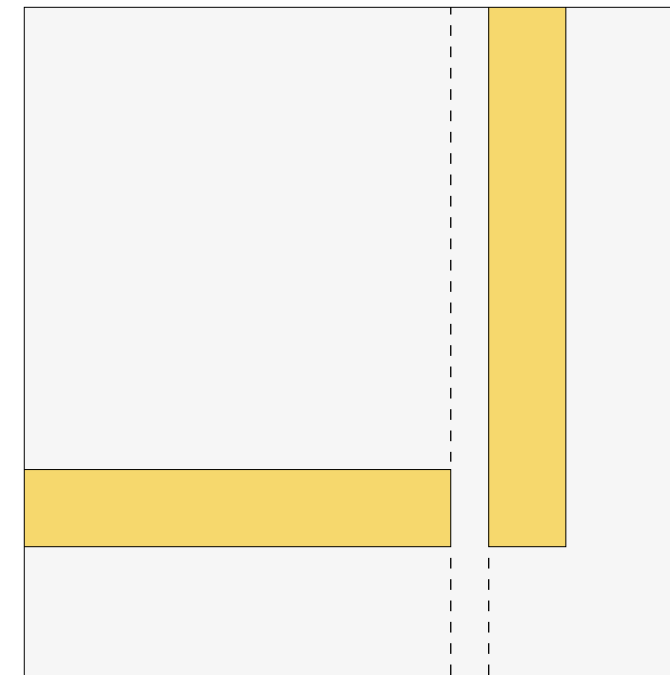
Type of Corners

Play and design with our different types of corners. Choose elegant solutions with the typical corner, mitered corners, and recessed corners.

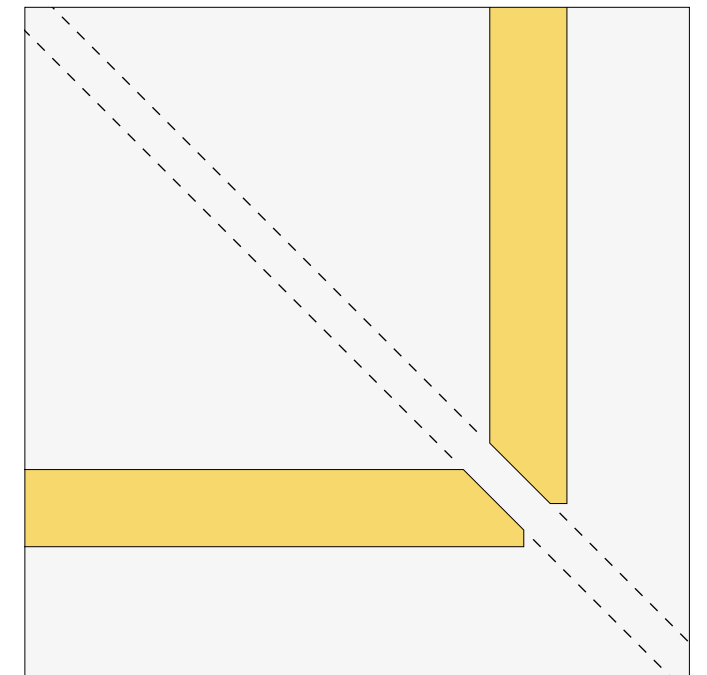
Recessed corners are ideal for seismic zones.



Recessed Corner Detail



Typical Corner Detail



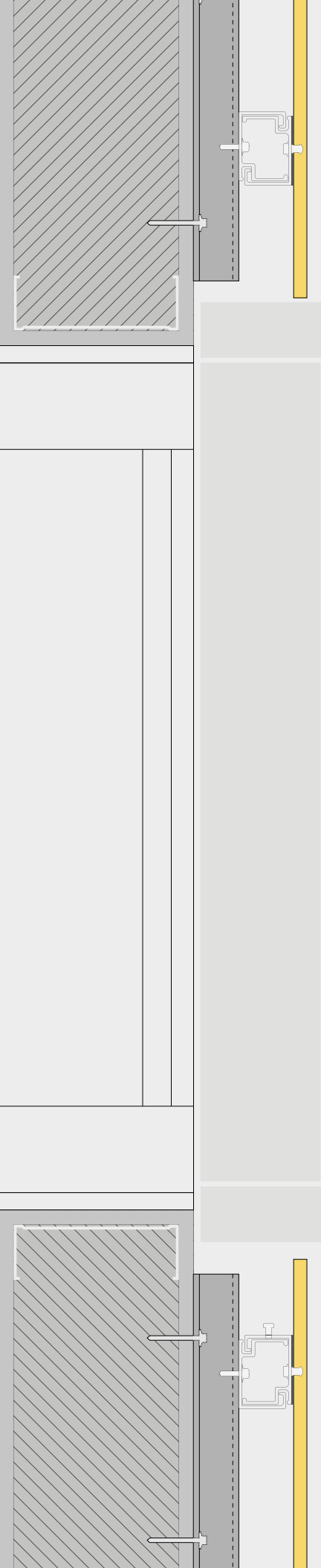
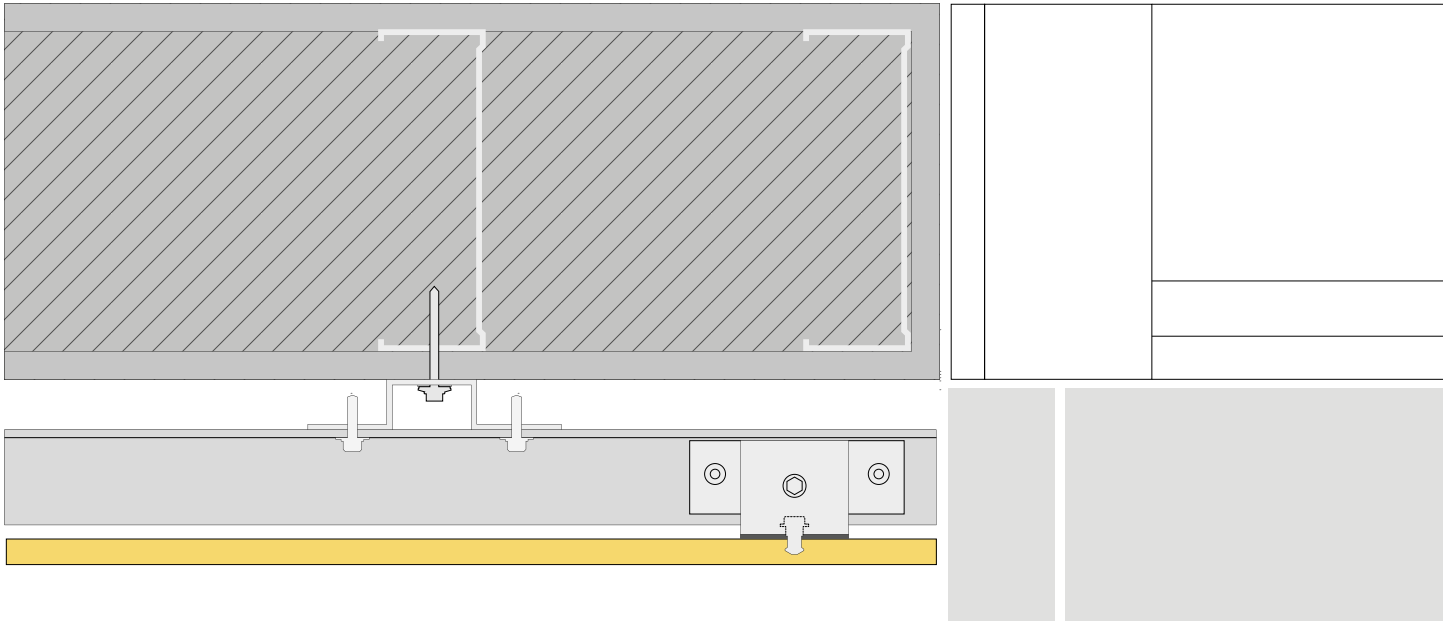
Mitered Corner Detail

Double Siding /UKS

Siding Systems

Opening Solutions

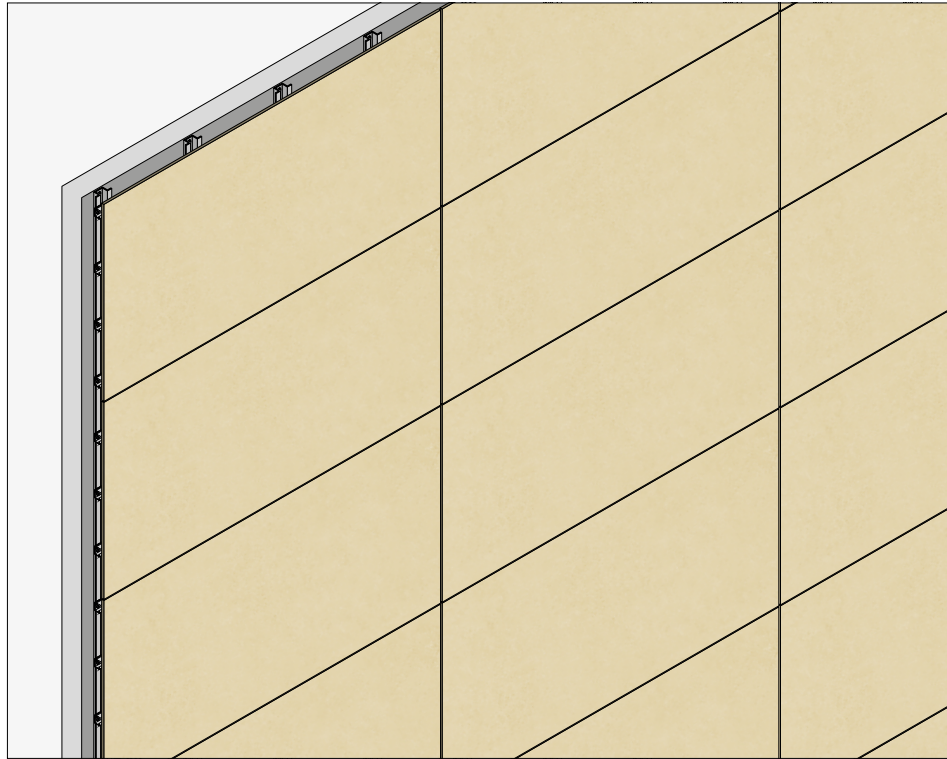
Seamlessly integrate windows and frames with our façade systems to achieve custom, cohesive architectural designs.



Double Siding /UKS

Horizontal Layout

Emphasize horizontality. This layout enhances the perception of width and balance. It brings a sense of calm and order to the elevation. The repetition of straight, perfectly aligned porcelain panels reinforces the architectural rhythm. A composition of uniformity and precision.



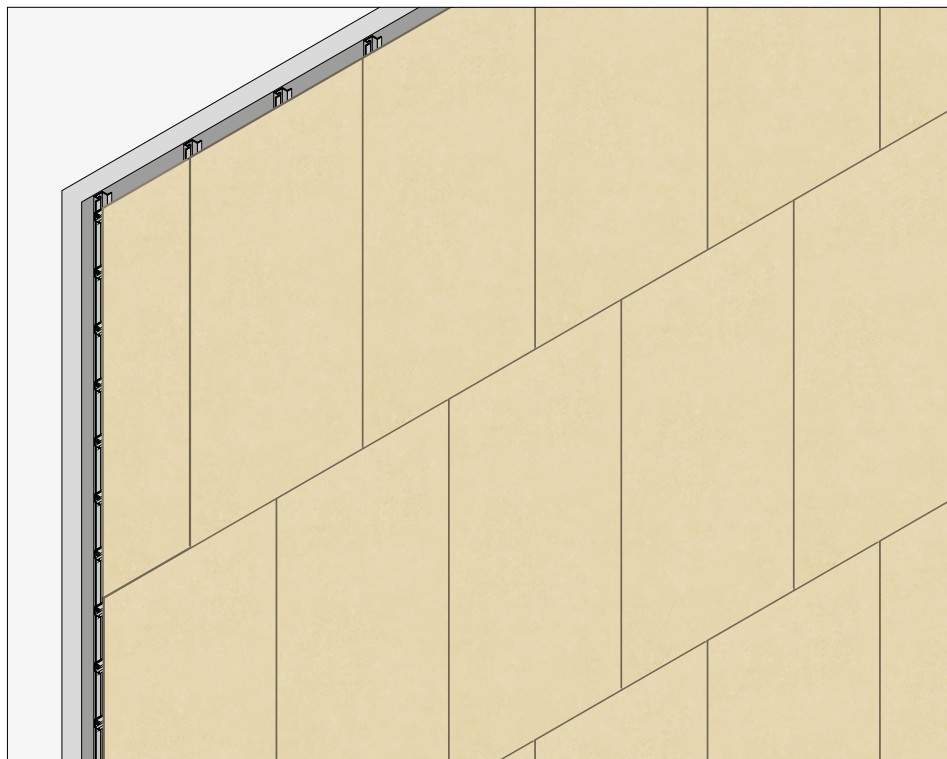
Vertical Layout

Emphasize verticality. This layout accentuates the building's height. It adds elegance, lightness, and a feeling of upward movement. The repetition of slender, precisely aligned porcelain panels reinforces the architectural rhythm. A composition defined by refinement and continuity.



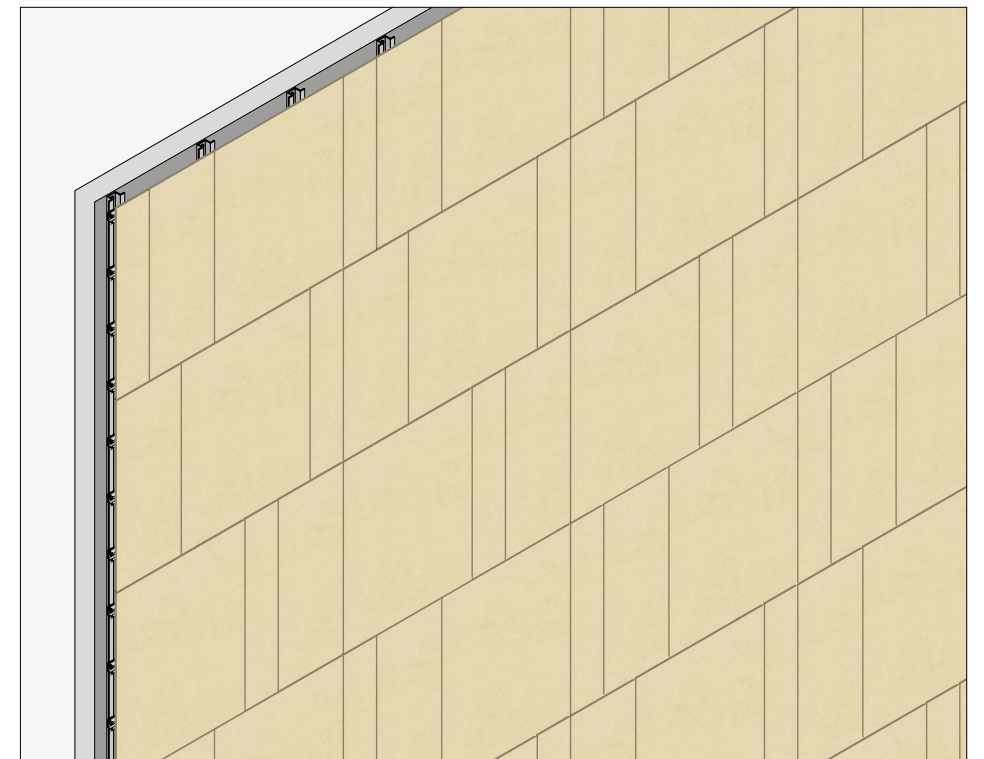
Staggered Layout

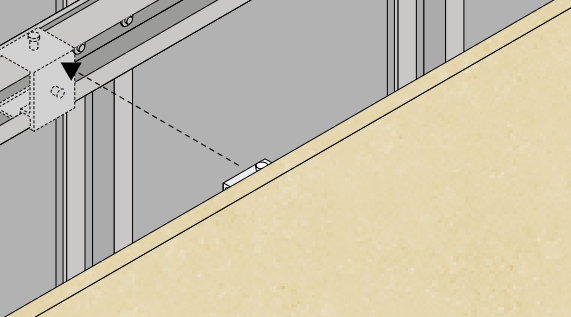
Emphasize movement. This arrangement introduces a dynamic rhythm. It creates a visual flow that adds movement to the elevation. The alternating porcelain panels create depth and variation. This enhances the architectural composition with a sense of fluidity and modernity.



Mixed Layout

Emphasize joy and creativity. Have fun. This arrangement introduces a playful rhythm, variety, and energy. Your design options are unlimited.





Get ahead of the
design curve!

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1.866.FACHADA

OR EMAIL US AT

hello@porcelanosafacades.com

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