



Contour Slats™ Wall, Ceiling & Divider System

# DESIGN & SPECIFICATION GUIDE







## ANDALUSIA DESIGN – CONTOUR SLATS™

Andalusia Design's Contour Slat system is a highly-configurable solution for your wood ceiling, feature wall and space divider needs.

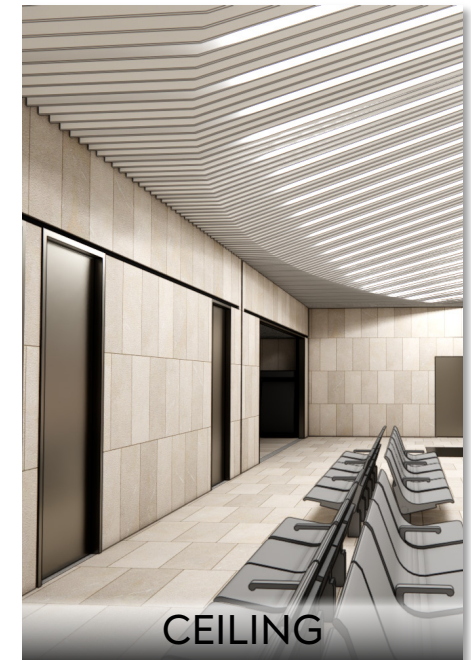
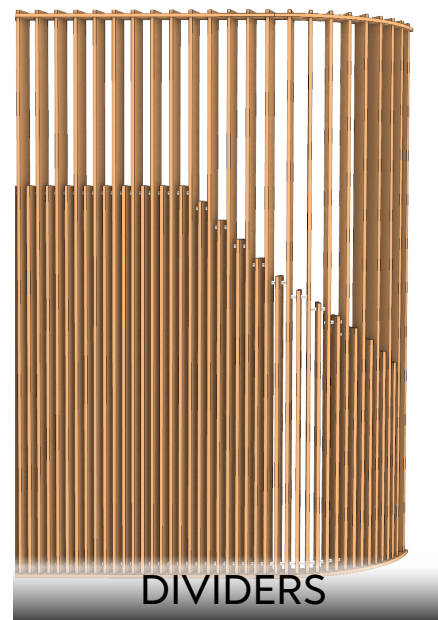
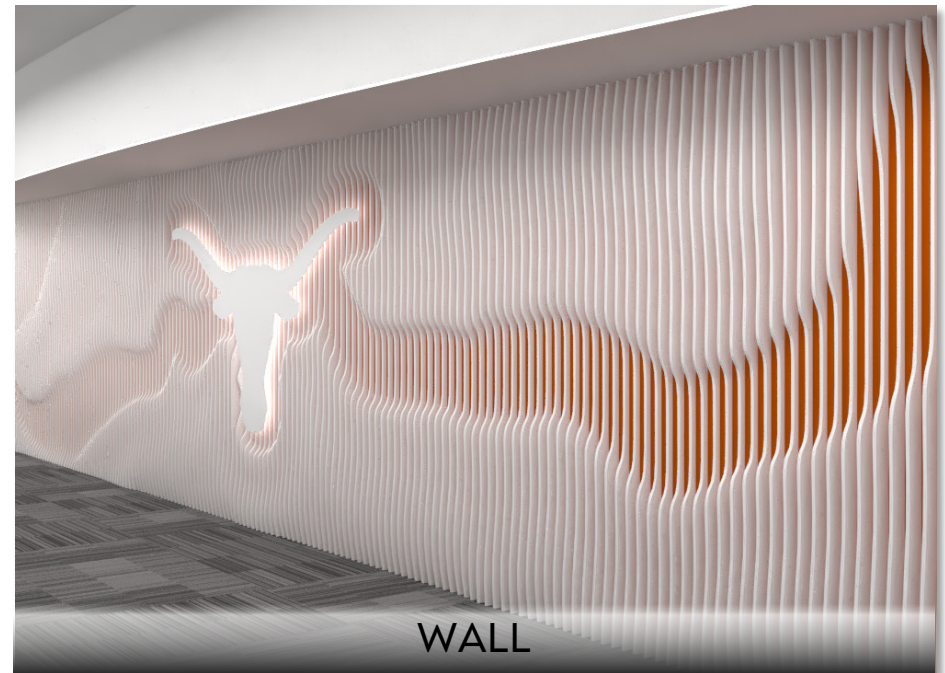
Driven by Andalusia's parametric design engine and in-house digital fabrication, Contour Slats is ideal for brand-forward, high-traffic areas across a variety of commercial and hospitality applications.

### CONFIGURATIONS

Andalusia's parametric design software allows you to modify your surface designs in real-time.

Key parameters to think about:

- Surface Design: Create your own custom shape or find inspiration with Andalusia's Styles
- Mounting: Ceiling, wall or space divider (floor-to-ceiling, floor-mount or free-standing)
- Materiality: Stained plywood, painted MDF
- Pricing: A variety of configuration options allow you to balance pricing and aesthetic



## CONTOUR SLATS SYSTEM FEATURES



Customize your slats for both aesthetic and price with a variety of standard and custom surface options



Contour Slats are available as wall mount, wall-to-ceiling, ceiling and space dividers



Easy-to-integrate branding, experiential graphics and components, like HVAC, lighting, outlets and more



Simple and clean construction with parametrically keyed back panel, numbered slats and hidden joiners



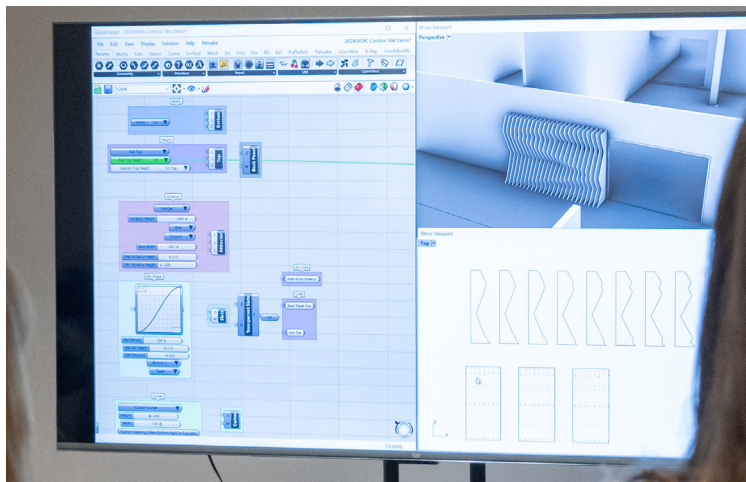
# DESIGN YOUR SURFACE – OVERVIEW

Our parametric software allows us to help you create a Contour Slat design that's unique to your space

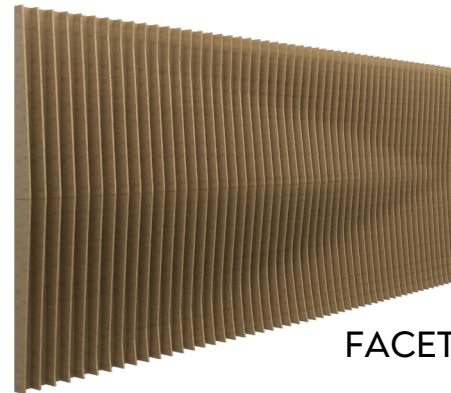
## OPTIONS

**CONTACT US.** If you already have a design modeled or just a napkin sketch concept or idea, contact Andalusia and we will work to turn your vision into a reality.

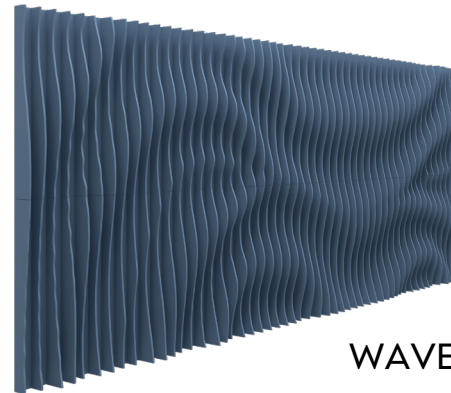
**FIND INSPIRATION.** Standard 'Styles' include Facet, Wave, Natural, Image, Logo and much more. Each Style has its own individual Spec Guide where you can find more information and inspiration.



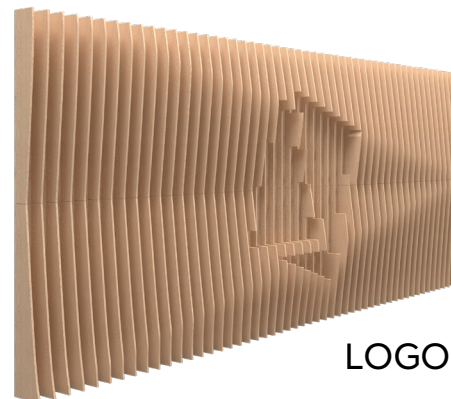
Andalusia will work with you to create the perfect Contour Slat solution for your space



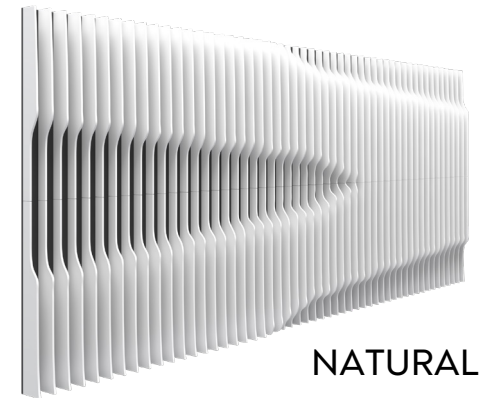
FACET



WAVE



LOGO



NATURAL



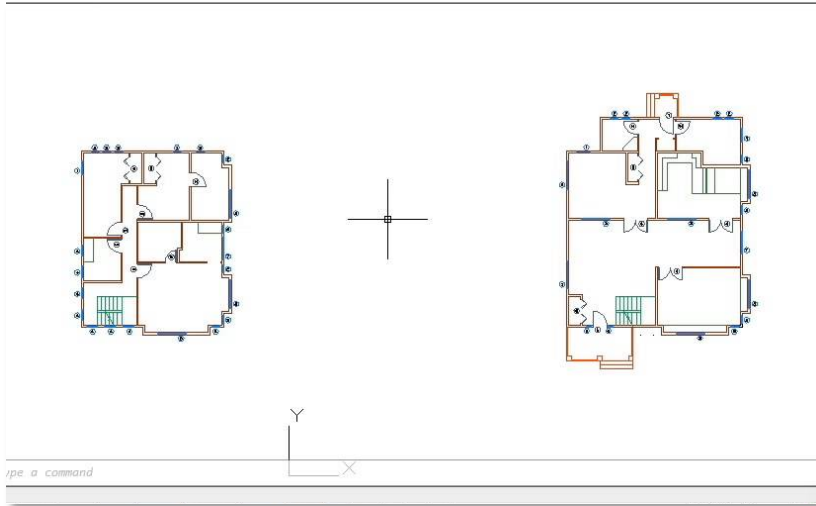
TEXT



# DESIGN YOUR SURFACE – GETTING STARTED WITH US

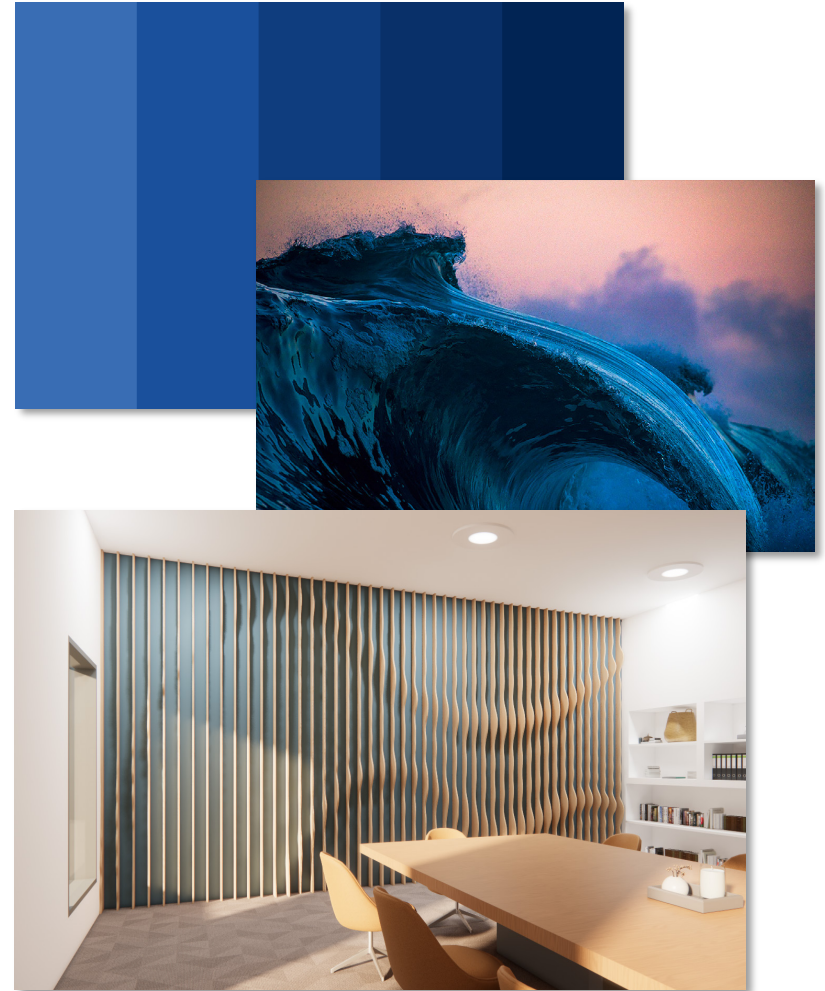
Whether you have a model built already or a spark of inspiration, we can get the design process started!

CAD Model, Revit of space, or site photos



AND /  
OR

Design Brief or Inspiration Imagery

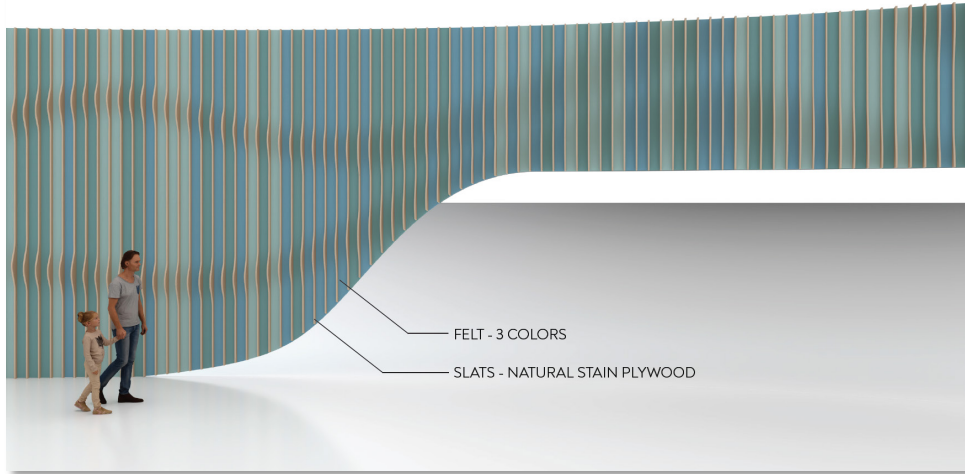




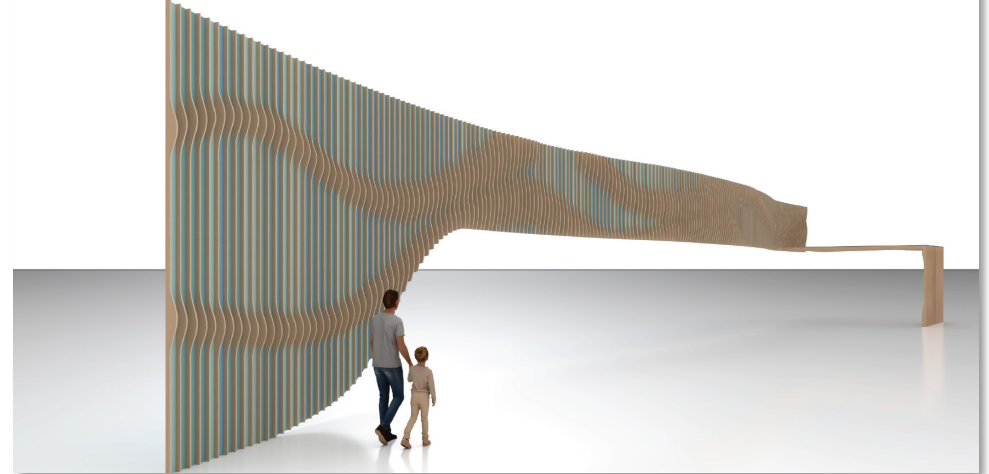
## DESIGN YOUR SURFACE – CONCEPT DESIGN PACKAGE

One of our talented Architectural Designers will be assigned to your project and will generate design options based on your model or inspiration. The result is an initial Concept Design Package, complete with surface design options, space renderings and/or digital models, as required for your project,

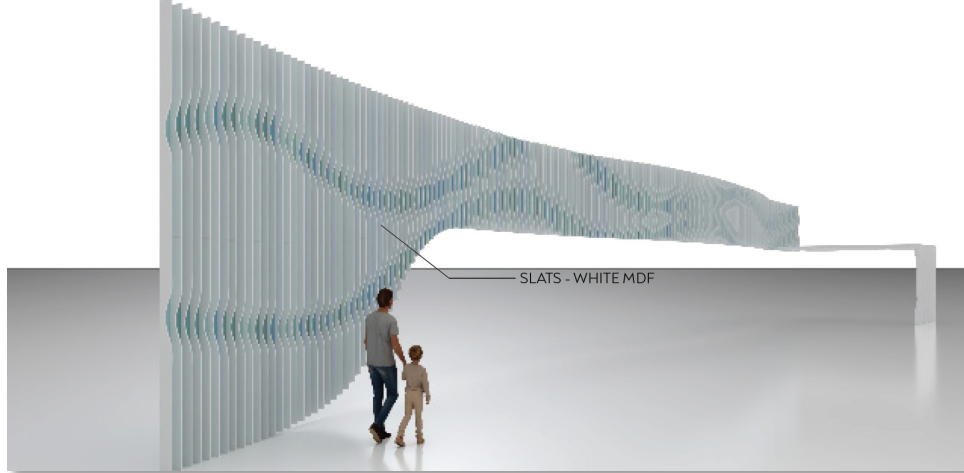
V1 - WAVE



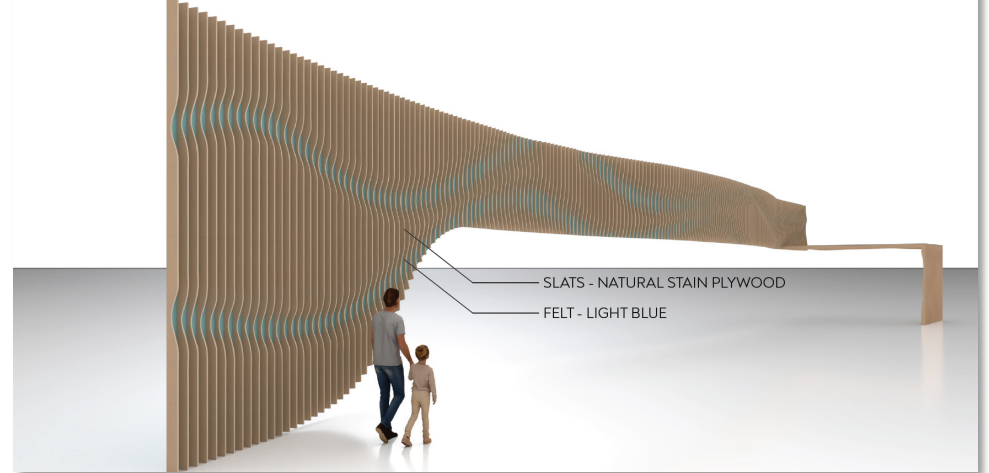
V1 - WAVE



V2 - CURRENTS



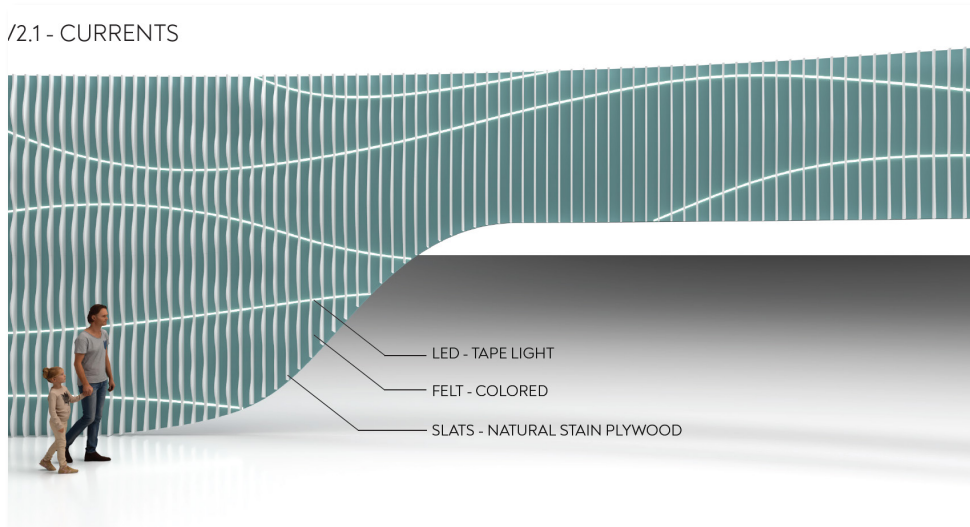
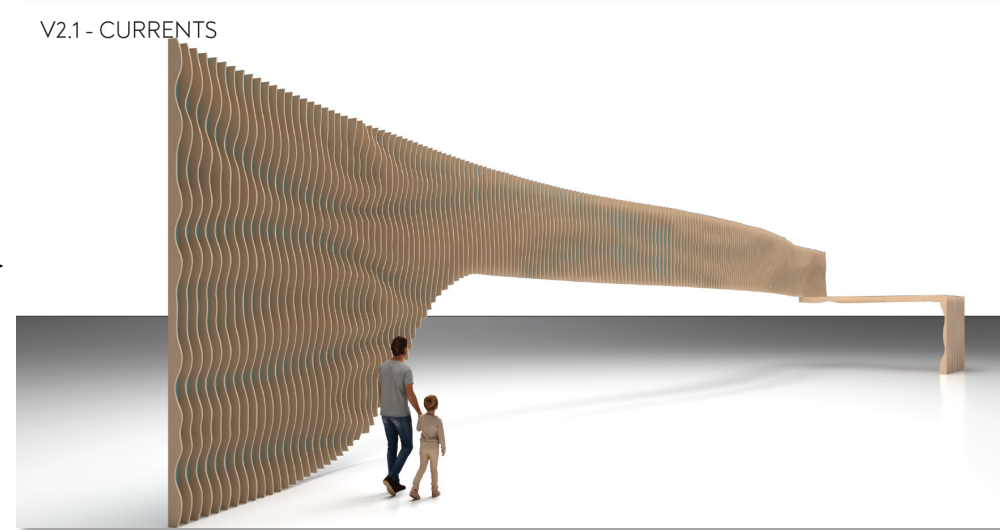
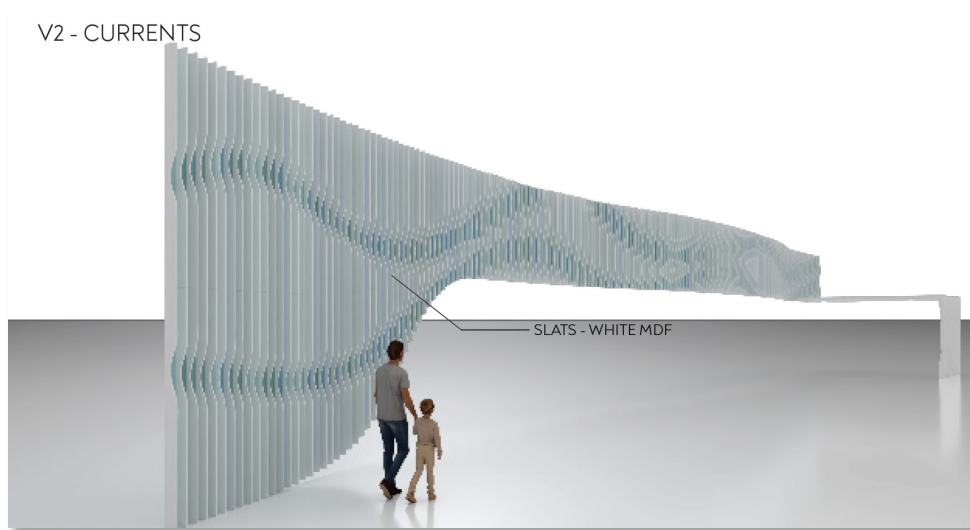
V2 - CURRENTS





## DESIGN YOUR SURFACE – DESIGN ITERATIONS

Our design team will work with you every step of the way as we help define, iterate and refine your concepts.



## INTEGRATE ELEMENTS

A key benefit of the Contour Slat parametric design software tool is the ability to write rules around how your design accommodates and responds to elements, including lighting, HVAC and other components, all in real-time without the traditionally long, drawn-out design change process.

### DETERMINE HOW TO INTEGRATE

Andalusia's parametric code allows for flexible cut-out options.

- Partial Depth Cuts: We can define the depth that the slats need to be cut away in order to accommodate elements. This is useful when integrating shelving, furniture, or elements that do not need to be mounted direct to the structural wall.
- Through Cuts: We can also perform full cut outs, like the example in Figure B. These cuts are useful for doors, windows, structural columns or anything that needs to be mounted directly to the structural wall.



Figure A. Contour Slat Wave wall that doesn't just accommodate a television and shelving, but purposely designs around them

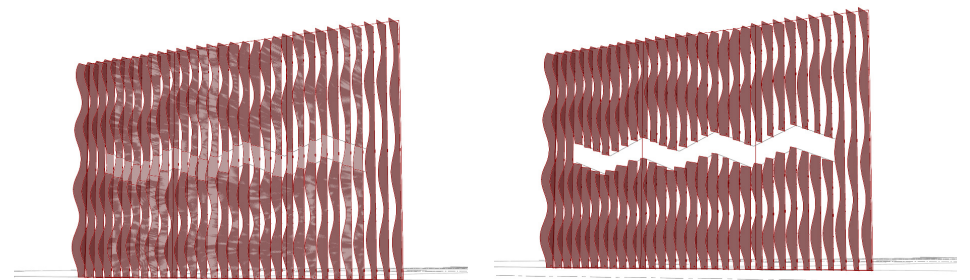


Figure B. Example of creating curves in CAD to generate cut-out areas within a slat array.



## MATERIALS AND FINISHES

Select a base material:

- ¾" thick plywood
- ¾" MDF
- Custom options are available

Select a color:

- 5 standard stain options for plywood
- 9 standard color options for MDF
- Custom options are available

Plywood and MDF are optimal materials:

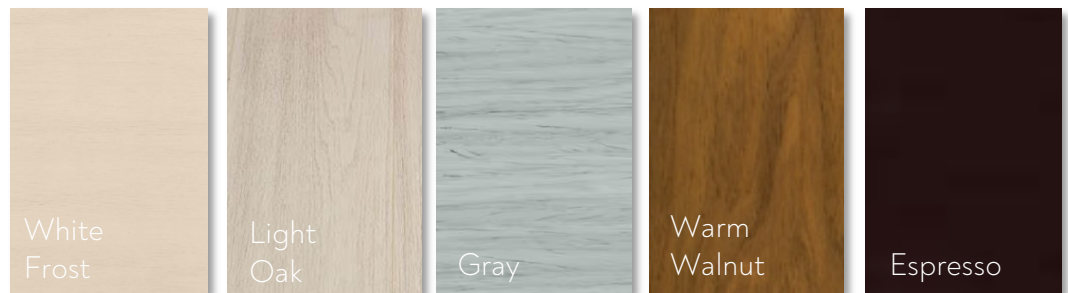
- Uniform strength
- Ease of machining into complex shapes
- Consistent surface quality
- Consistent cut quality

Andalusia sources certified wood, ensuring products are from responsibly managed forests, contributing to environmental sustainability

### Standard MDF Paint Colors



### Standard Plywood Stains





## APPLICATIONS





## WALL-MOUNTED SLATS

Andalusia's wall-mounted Contour Slat system transforms vertical surfaces into sculptural architectural features—delivering warmth, depth, and flow to any space.

Designed for easy installation and total design control, this system blends form and function in a clean, modern profile.

### Key System Features:

- ✓ **Visual Impact with Minimal Footprint:** Attached directly to the wall, the system adds dimensional texture and rhythm without encroaching on valuable floor area—perfect for corridors, lobbies, conference rooms, or feature walls.
- ✓ **Parametric Design, Custom Expression:** Each slat is precision-cut using parametric tools, enabling waves, facets, or patterns that respond to space and light. Choose from subtle undulations or bold topographies.
- ✓ **Simple, Secure Mounting:** Slats are mounted to a pre-fabricated back panel, which is fastened to drywall or framing. No need for millwork or field modification—just fasten and go.
- ✓ **Material and Finish Flexibility:** FSC-certified MDF or plywood with standard or custom stains and paint finishes. Optional PET backing adds contrast and acoustic impact.



## WALL MOUNT

The wall-mounted Contour Slat systems are delivered in ready-to-install kits: labeled slats, templates, hardware, and install instructions—all fabricated to your exact design specifications.

No specialty labor required!

### WALL SLATS

Contour Slat systems engage a back panel for structural stability and ease of installation

Slats arrive to the site numbered and with keyed dowel locations that correspond to the back panel

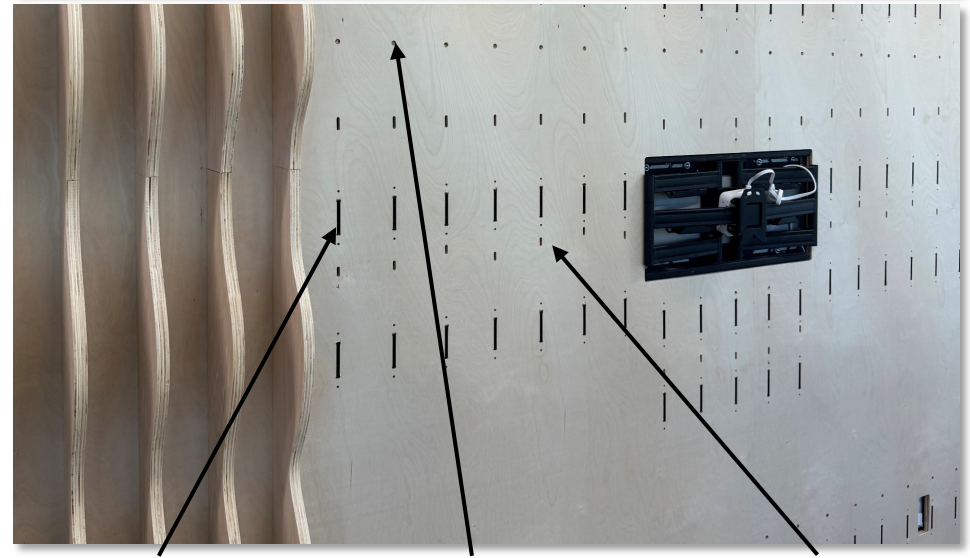
### BACK PANEL

Contour Slat systems come with back panels that match the wood slat material and finish

Back panels are shipped finished with all slat joiner hardware embedded

Back panels need to be leveled and anchored to the structural wall and installed by the onsite contractor

Back panels are identified with unique numbers that correlate with numbers on the final schematic



Hidden joining  
hardware to connect  
slats to back panel

Screw locations for  
securing back panel to  
blocking / structure

Intelligently keyed  
dowel locations to  
prevent site errors



# WALL-TO-CEILING

Wall-to-ceiling slats are a great way to achieve continuity between multiple surfaces in a space

## WALL SLATS

Wall-to-ceiling slats come with back panels and wall slats that can match material and finish

Back panels are shipped finished with all slat joiner hardware embedded

The slats engage back panel for a clean aesthetic, structural stability and ease of installation

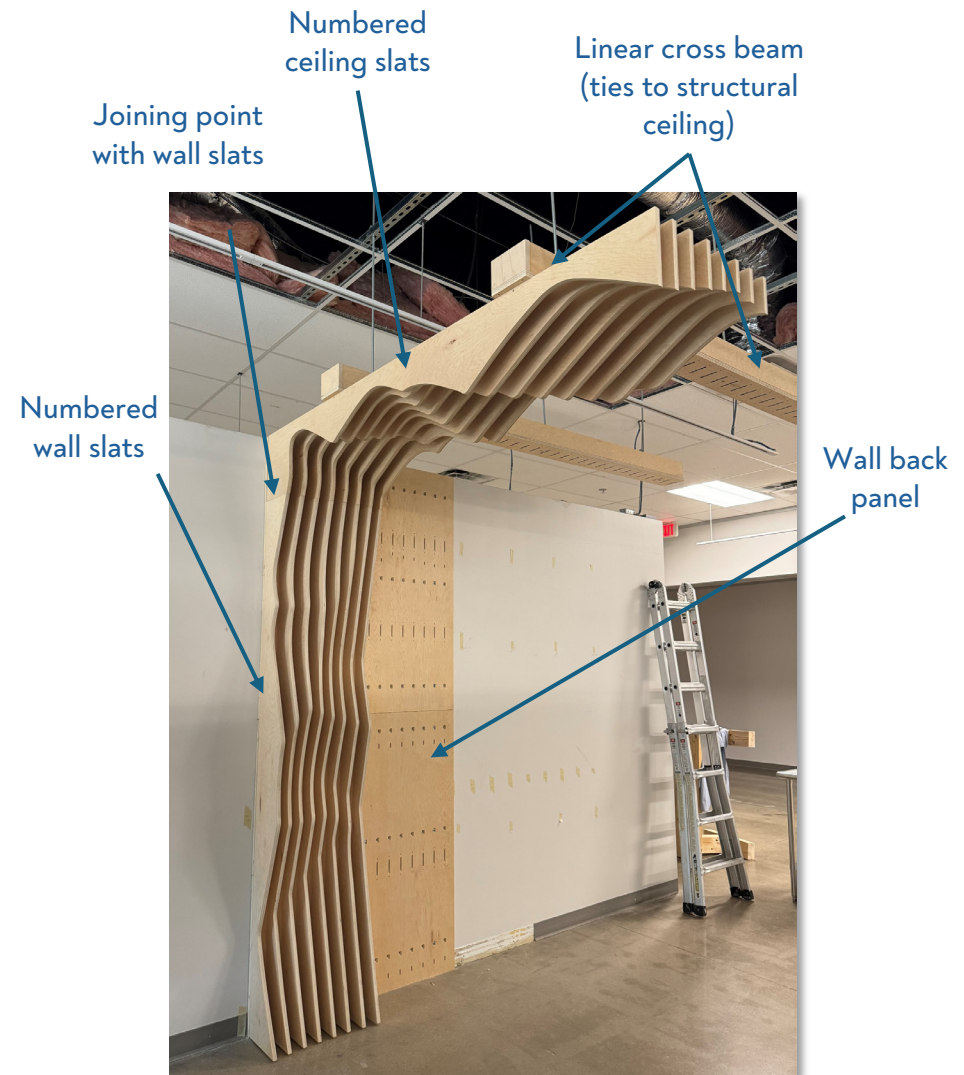
Slats arrive to the site numbered and with keyed dowel locations that correspond to the back panel

## CEILING SLATS

The ceiling slats connect to cross beams with hidden joiners for stability, straightness and clean aesthetic

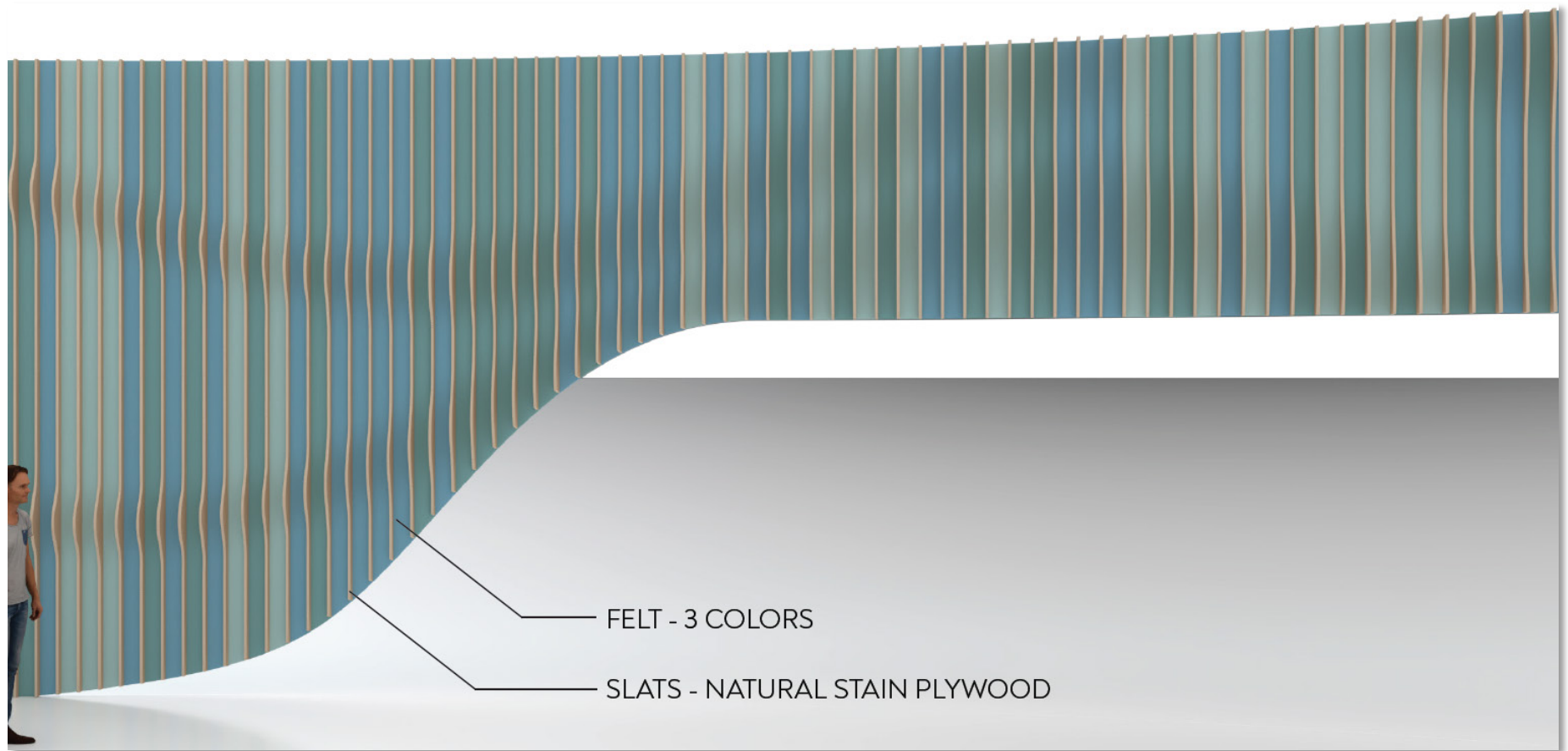
The cross beam attaches via aircraft cable or threaded rod to a substructure or direct to deck

The ceiling slats are attached to the wall slats at a joining point connection to ensure a clean, seamless transition from wall-to-ceiling



## ACOUSTIC BACKING

The Contour Slat system can be made acoustically-friendly and colorful when integrating composite (PET felt) on the back panel between slats.





## ACOUSTIC PERFORMANCE

Contour Slats with integrated PET felt between the slats offer a high-performance acoustic system, delivering effective sound absorption.

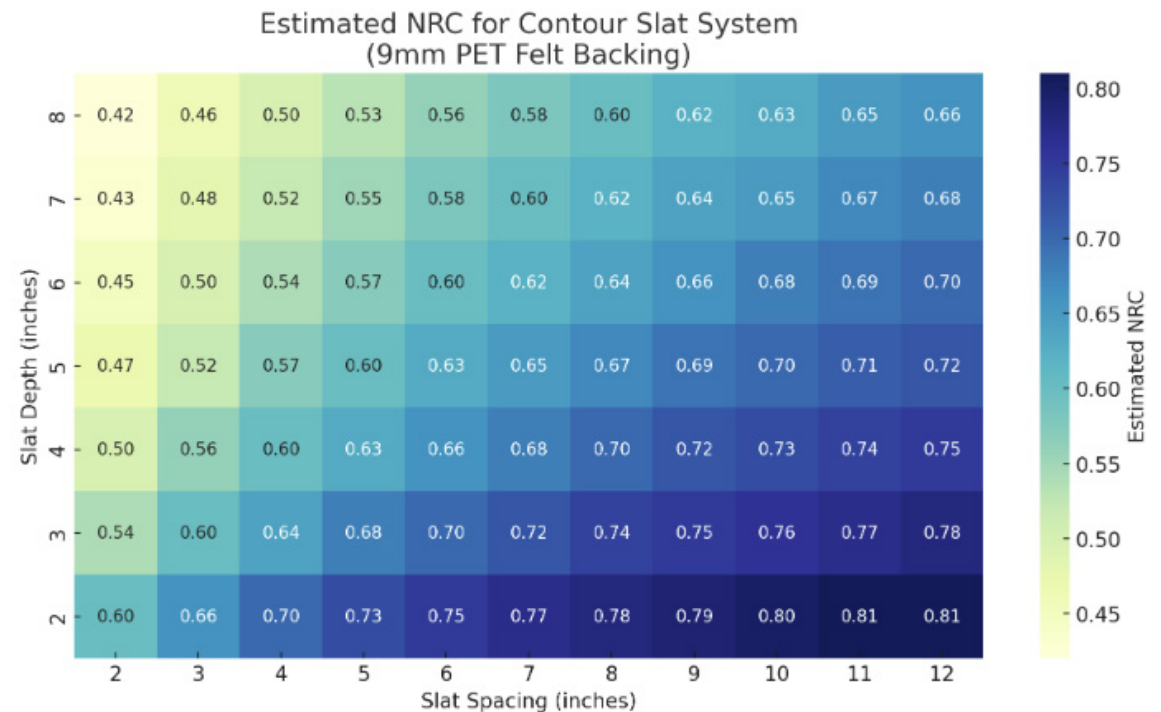
### ACOUSTIC BENEFITS

PET back panels reduce noise by allowing sound waves to be absorbed

The result is improved clarity and reduced echo in a space

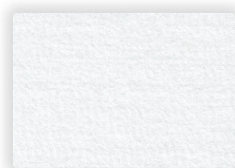
The more exposed the PET, the more sound it absorbs

Up to NRC values of 0.80 or higher with proper backing, slat depth and spacing (see chart to the right)

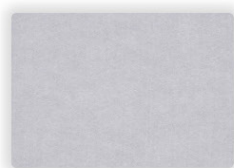


## ACOUSTIC COLOR OPTIONS

PET felt is Class A fire rated and comes in a variety of standard color options. Material is 100% polyester (PET) felt. 9mm thickness with recycled content up to 60% post-consumer. Custom colors available.



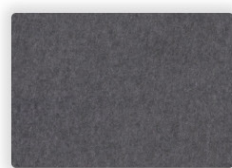
**Snow**  
P114



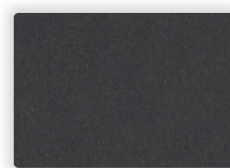
**Overcast**  
P124



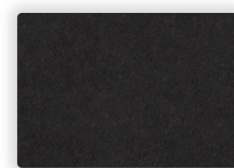
**Iced Grey**  
P106



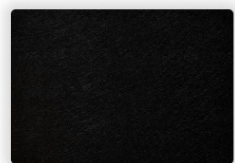
**Ash**  
P100



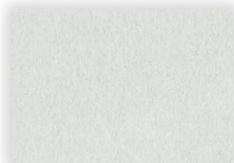
**Slate**  
P105



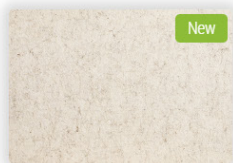
**Charcoal**  
P101



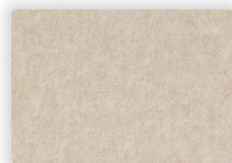
**Jet**  
P122



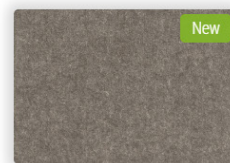
**Canvas**  
P126



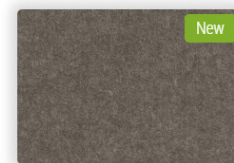
**Parchment**  
P130



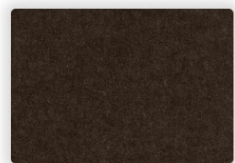
**Oat**  
P116



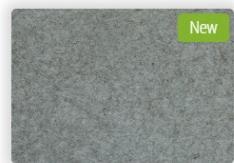
**Smoke**  
P129



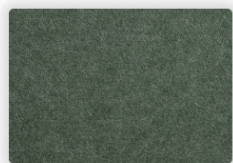
**Clay**  
P128



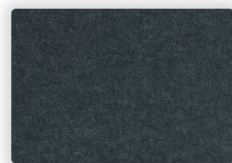
**Cocoa**  
P121



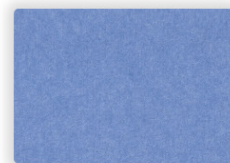
**Arctic**  
P127



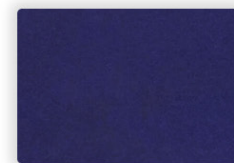
**Spruce**  
P123



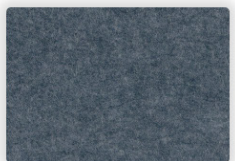
**Denim**  
P118



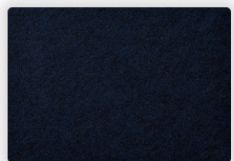
**Sky**  
P117



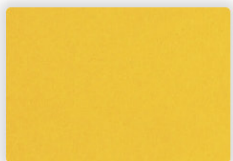
**Cobalt**  
P102



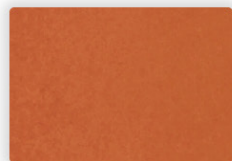
**Blueprint**  
P125



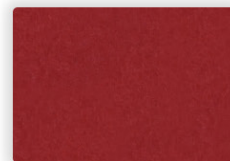
**Midnight**  
P119



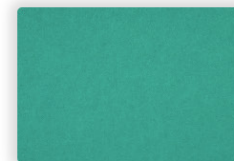
**Sunflower**  
P111



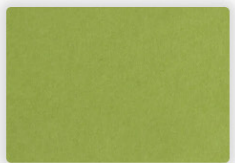
**Tangerine**  
P109



**Ruby**  
P108



**Aqua**  
P115



**Pear**  
P103



**Moss**  
P120



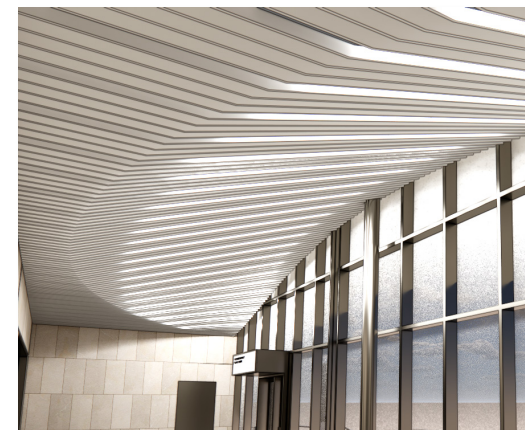
## CEILING MOUNT

Andalusia's ceiling-mounted Contour Slat System offers a refined way to animate overhead space with sculptural depth and natural material warmth.

Suspended from structural ceilings, this system introduces flowing lines, visual movement, and acoustic performance—without adding bulk or blocking systems above.

Key System Features:

- ✓ Architectural Focal Point: Create dramatic overhead features that guide movement, define zones, or serve as visual anchors in lobbies, corridors, and open-plan environments.
- ✓ Parametric Fluidity: Each slat follows a controlled geometry—straight or curved, spaced or clustered—allowing you to sculpt the ceiling plane and bring softness to large volumes.
- ✓ Component Integration: Design around necessary ceiling elements – lighting, HVAC, sprinkler heads and sensors.
- ✓ Easy Coordination & Install: Engineered as a pre-fab system with labeled slats, templates, and mounting hardware. Works with T-bar ceilings, drywall, or open-structure installations.
- ✓ Finish Options: Offered in painted MDF, natural veneers, or stained plywood—our ceiling slats are made to match material palettes and elevate project aesthetics.



## CEILING MOUNT

Ceiling slats are designed for straightforward installation with minimal site coordination. Each project is delivered as a pre-fabricated kit with labeled slats, alignment templates, cross beams and all necessary mounting hardware. Whether mounting to drywall, T-bar grids, or open structure, our system uses simple brackets and backers that eliminate the need for field cutting or custom blocking.



Up to 24" of slat depth

Top of cross beam houses a Unistrut rail that mounts to structure (via aircraft cable or threaded rod)

Wood cross beam that connects to slats

Ceiling slats with embedded joining hardware on the backside



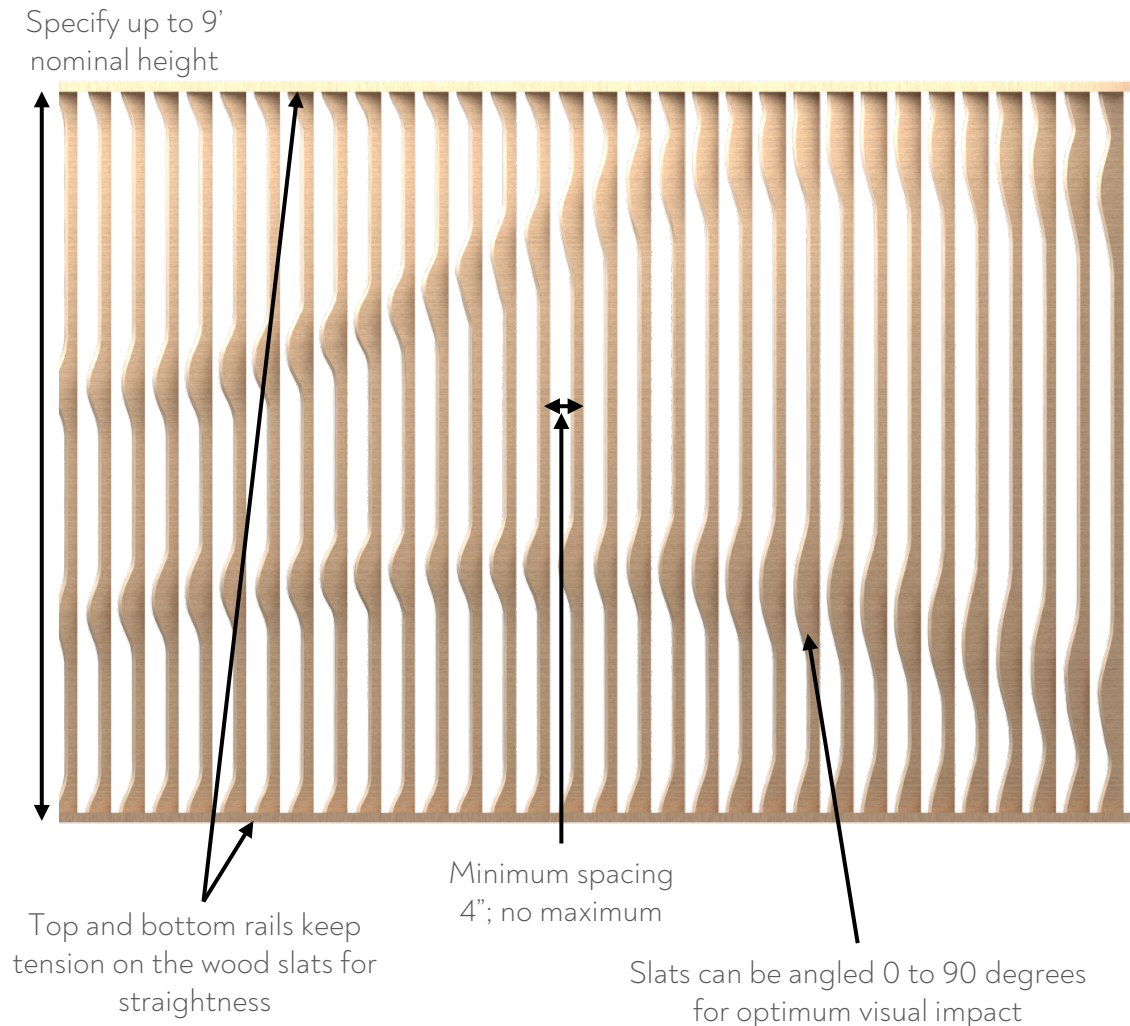
## FLOOR-TO-CEILING DIVIDER

Andalusia Design's floor-to-ceiling Contour Slat Divider System creates a seamless vertical element that adds structure, movement, and sophistication to open spaces.

Engineered for full-height applications, this system provides both visual and spatial division—while maintaining openness, daylight, and air circulation.

### Key System Features:

- ✓ **Full Vertical Expression:** Extending from floor to ceiling, this system becomes an architectural feature—adding definition to interiors without the bulk of full partition walls.
- ✓ **Custom Slat Geometry:** Slats are parametrically designed to follow sweeping curves, faceting, or precise linear forms – and can be angled for more dynamism.
- ✓ **Acoustic & Visual Softening:** The divider introduces subtle diffusion and filters views.
- ✓ **Curved Walls:** The divider rails can be curved to create an organic feel.
- ✓ **Clean Integration:** Mounts securely to structural floor and ceiling substrates. Systems arrive pre-cut, labeled, and ready for installation with minimal site coordination.



## FLOOR-MOUNTED DIVIDER

Andalusia's floor-mounted Contour Slat Divider System brings a high-end architectural presence to any space, offering a modern way to define environments without fully enclosing them.

Fabricated from precision-cut wood slats and anchored securely to the floor, this system introduces organic flow, texture, and depth—without requiring ceiling suspension or full wall integration.

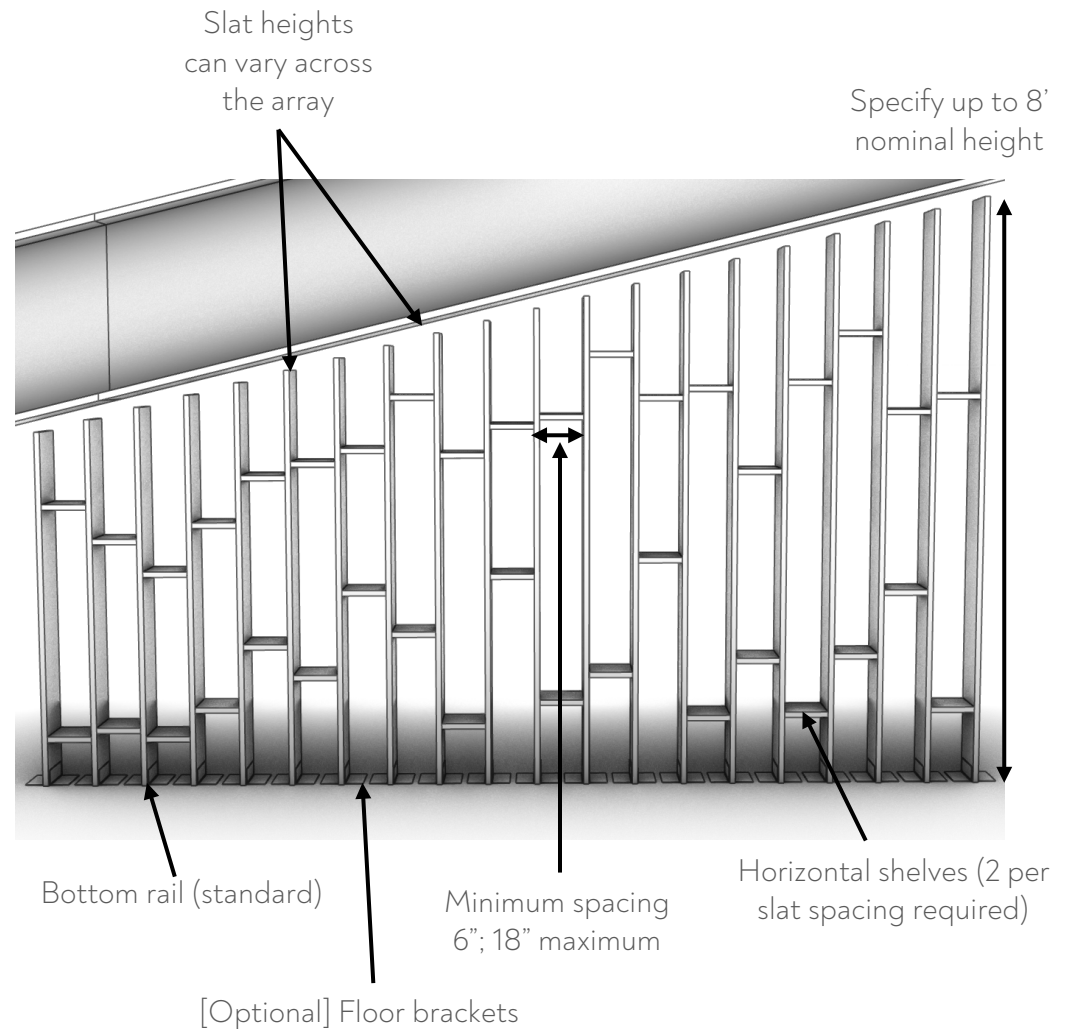
### Key System Features:

✓ **Self-Supported:** Designed to anchor to the floor, the system eliminates the need for ceiling support—ideal for spaces with exposed MEP, glass ceilings, or renovation constraints.

✓ **Design Freedom:** Custom curves, angles, heights and spacing to create sculptural forms.

✓ **Flexible Applications:** Use the divider to create breakout spaces, direct circulation, add visual rhythm, or soften sightlines. Ideal for lobbies, offices, hospitality, education, and healthcare environments.

✓ **Quick Install, Clean Finish:** Delivered as a kit of parts with pre-cut slats and alignment templates, it installs easily without the need for millwork or custom blocking.





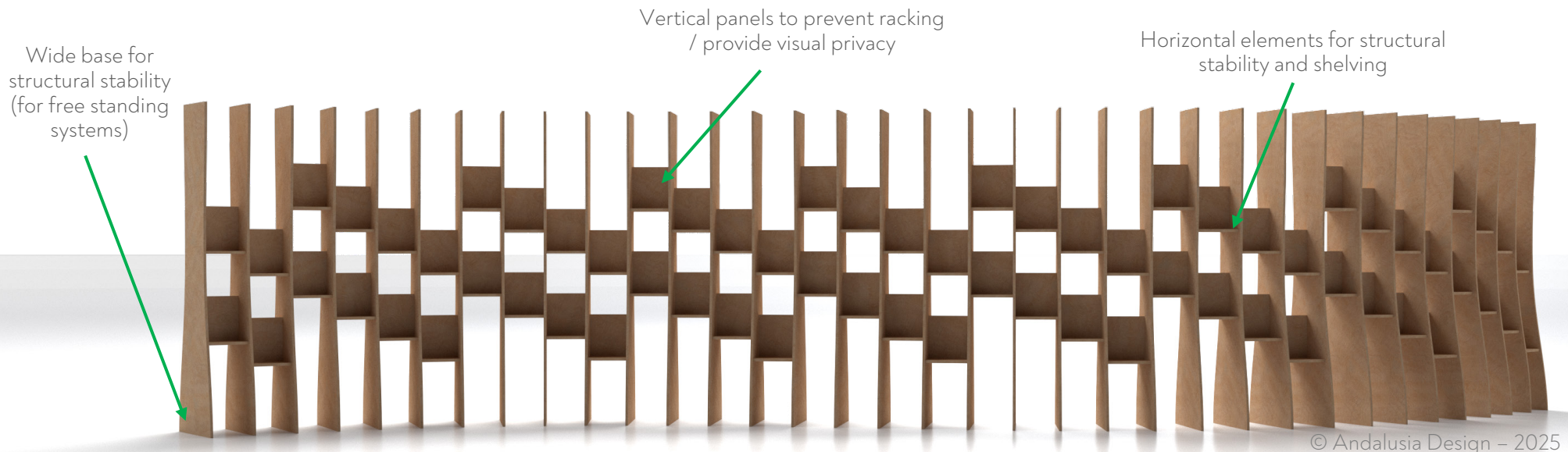
## FREE-STANDING DIVIDER

Andalusia's free-standing Contour Slat divider offers the perfect balance of sculptural form and spatial function—no walls, ceilings, or mounting required.

Designed as a self-supported system, it brings architectural texture and flow to open-plan spaces.

Key System Features:

- ✓ **No Building Integration:** Completely self-supporting—no need for floor anchoring, wall mounting, or overhead structure. Ideal for spaces where infrastructure limits permanent solutions.
- ✓ **Defines Space:** Provides subtle separation of zones while allowing light and airflow – can be designed in a straight line or along a curve for wayfinding and visual interest.
- ✓ **Engineered Stability:** Built with a wide base and intermediate paneling, the system is engineered to remain secure without compromising aesthetics.



# SERVICES AND DOCUMENTATION

## DESIGN PHASES

Services and Outputs:

- Collaborative and iterative design development, starting as early as concept design
- 3D parametric model development; ability to collaborate in Rhino and Revit or output to any standard CAD platform
- Renderings in Enscape, V-Ray
- Real-time pricing information during design iterations and design-for-budget / VE support
- Thorough product design proposals
- Physical material samples and color swatches
- Custom samples to demonstrate form / function of unique designs
- Assistance with client-facing presentations, as desired

## POST-DESIGN / SPEC SUPPORT

Services and Outputs (in addition to Design outputs):

- Technical drawings – elevations, sections, details
- CSI MasterSpec document
- Comprehensive dimensions, thickness, weight information
- Final digital 3D model
- Final contractor net pricing
- Performance data, including ASTM E84 fire ratings, structural data, acoustic analysis, along with necessary supporting test data
- Sustainability certifications, EPD, HPD, Declare
- Detailed step-by-step installation instructions
- Maintenance and warranty information
- Reference part numbers and details
- Andalusia contact information



# CONTOUR SLATS STARTER FORM

## APPLICATION

- ☐ Wall mount
- ☐ Wall to ceiling
- ☐ Ceiling mount
- ☐ Floor-to-ceiling divider
- ☐ Floor-mounted divider
- ☐ Free-standing divider

## SURFACE DESIGN

- ☐ Notes  
-----

## GRAPHICS

- ☐ Text
- ☐ Logo
- ☐ Image / Topographical
- ☐ Custom  
-----

## STAIN COLOR (plywood)

- ☐ White Frost
- ☐ Light Oak
- ☐ Gray
- ☐ Warm Walnut
- ☐ Espresso

## PAINT COLOR (MDF)

- ☐ Pure White
- ☐ Soft Beige
- ☐ Slate Blue
- ☐ Sage Green
- ☐ Warm Taupe
- ☐ Navy Blue
- ☐ Slate Gray
- ☐ Beechwood Brown
- ☐ Matte Black
- ☐ Other Finish  
-----

## SLAT MATERIAL

- ☐ Plywood
- ☐ MDF

## INTEGRATIONS

- ☐ Electrical (control, lighting, outlets)
- ☐ PET Felt
- ☐ TV, shelving, other  
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## OTHER QUESTIONS

Project stage -----

Approximate SF -----

Approximate budget / SF -----

Modeling software -----

Other unique variables  
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# Need Assistance on your next Project?

Contact us at  
[hello@andalusia.design](mailto:hello@andalusia.design)