

WOOD-SKIN

REDEFINING MATERIAL PROPERTIES

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MISSION

MAKING THE IMPOSSIBLE POSSIBLE

WOOD-SKIN was founded in 2013 to help architects and designers bridge the gap between the creative freedom of digital representation and the practical realities of the construction site.

With our patented software-driven technology, WOOD-SKIN®, flat surfaces can be projected into the third dimension and into the digital era. And design ideas once thought to be too extravagant or expensive become both possible and affordable.

We are architects, designers, and engineers with a shared passion for materials, digital fabrication, and software, which led us to challenge the technical and economic obstacles to creating complex 3D surfaces with conventional cladding materials like wood, felt, cork, plastic, and metal.

We believe that real innovation lies at the intersection of composite materials and digital fabrication, where technology becomes the enabling factor for new building methods and a new design grammar.

**DESIGN IDEAS ONCE THOUGHT
TO BE TOO EXTRAVAGANT
OR EXPENSIVE BECOME BOTH
POSSIBLE AND AFFORDABLE**





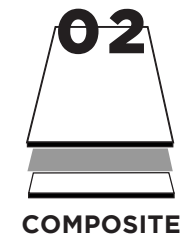
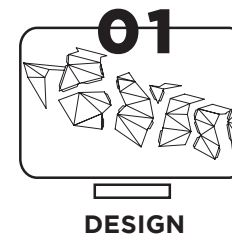
PROCESS

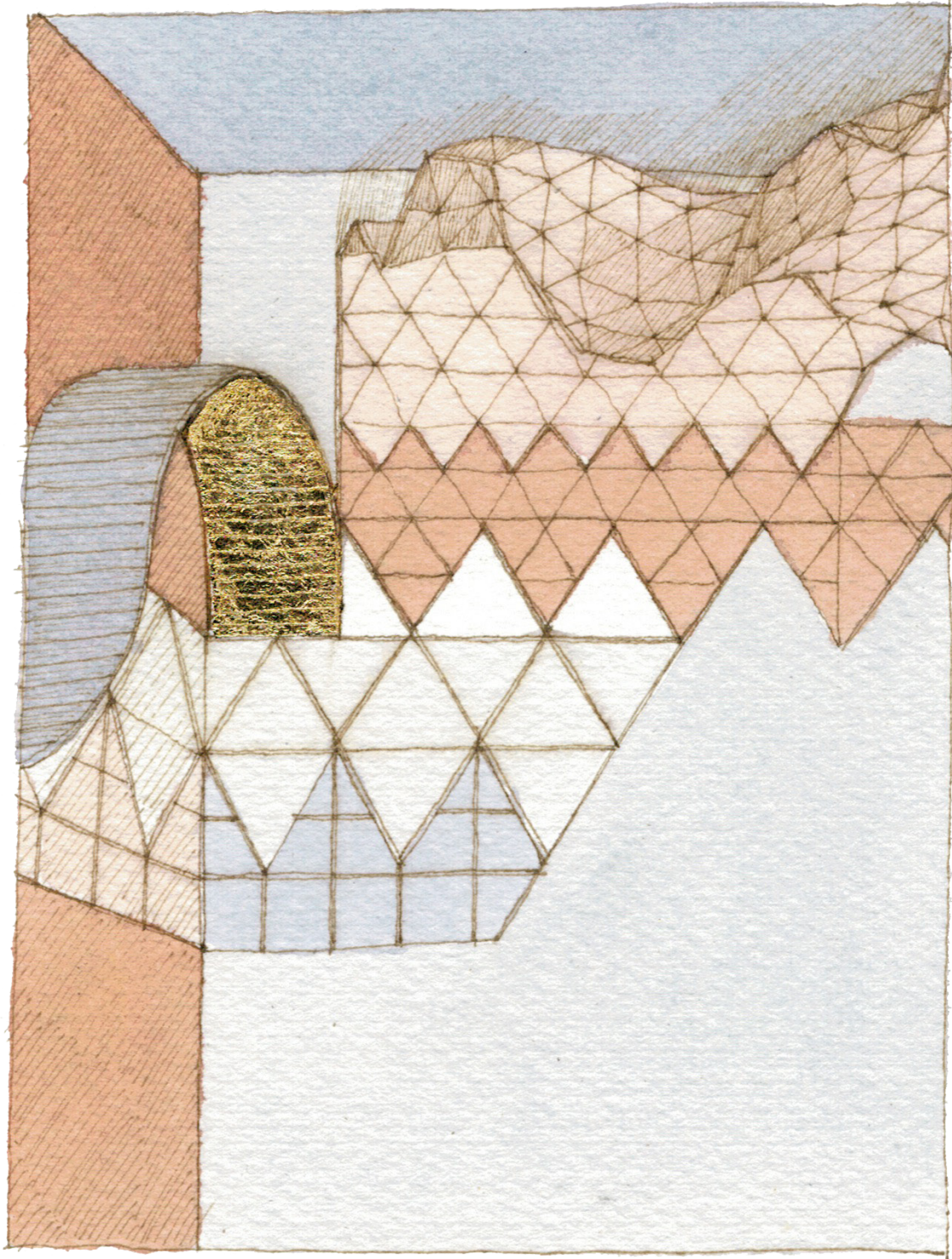
DIGITAL FABRICATION AT ITS BEST

The WOOD-SKIN® process transforms rigid materials into 3D sheets of a 'programmable' composite with the potential to be coded and given a specific form through a one-step fabrication process. The patented technology enables the panel to fold along 'digital hinges', much like origami.

From the flat state, the material morphs into the third dimension, where it can assume a range of forms and functions limited only by the imagination of the designer, without losing structural strength.

As its name implies, WOOD-SKIN® was originally conceived to give organic form to wooden panels with a wide range of veneers. Today, thanks to partnerships with selected Italian and international brands, the process can be applied to many different rigid materials such as aluminum, solid surface or HPL, giving them a new three-dimensional life.

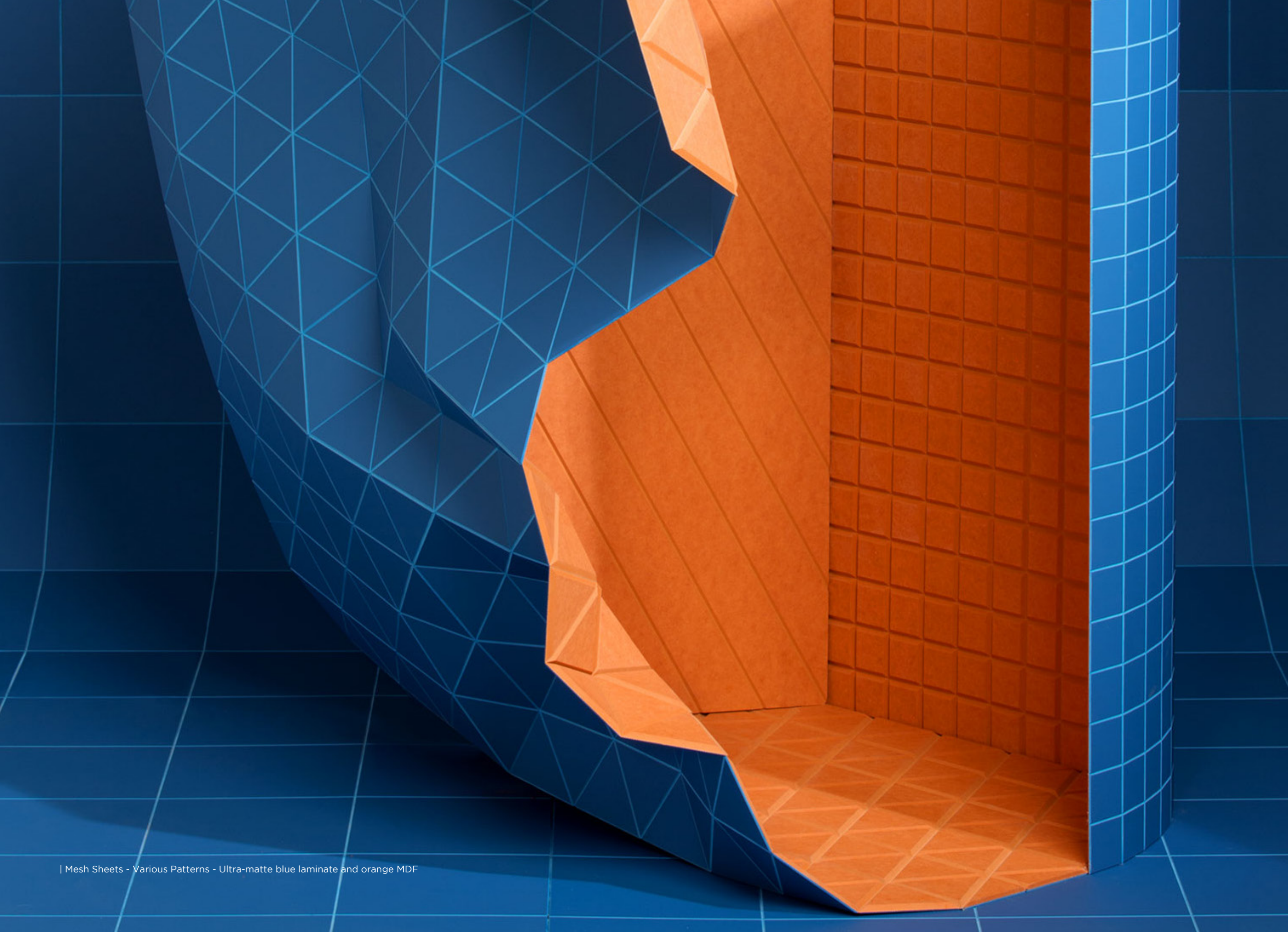




FREE FORM 3D SURFACES



Mesh Sheets offer a new way to design curved, wavy, and free-form surfaces from flat sheets. Thanks to the variable size of the facets, the curve radius can become remarkably tight while still maintaining its fluidity. This game-changing technology unlocks the design potential of rigid surfaces, allowing the construction of elegant membranes with the same look, feel, and functional properties as lighter, more flexible materials like paper or fabric.

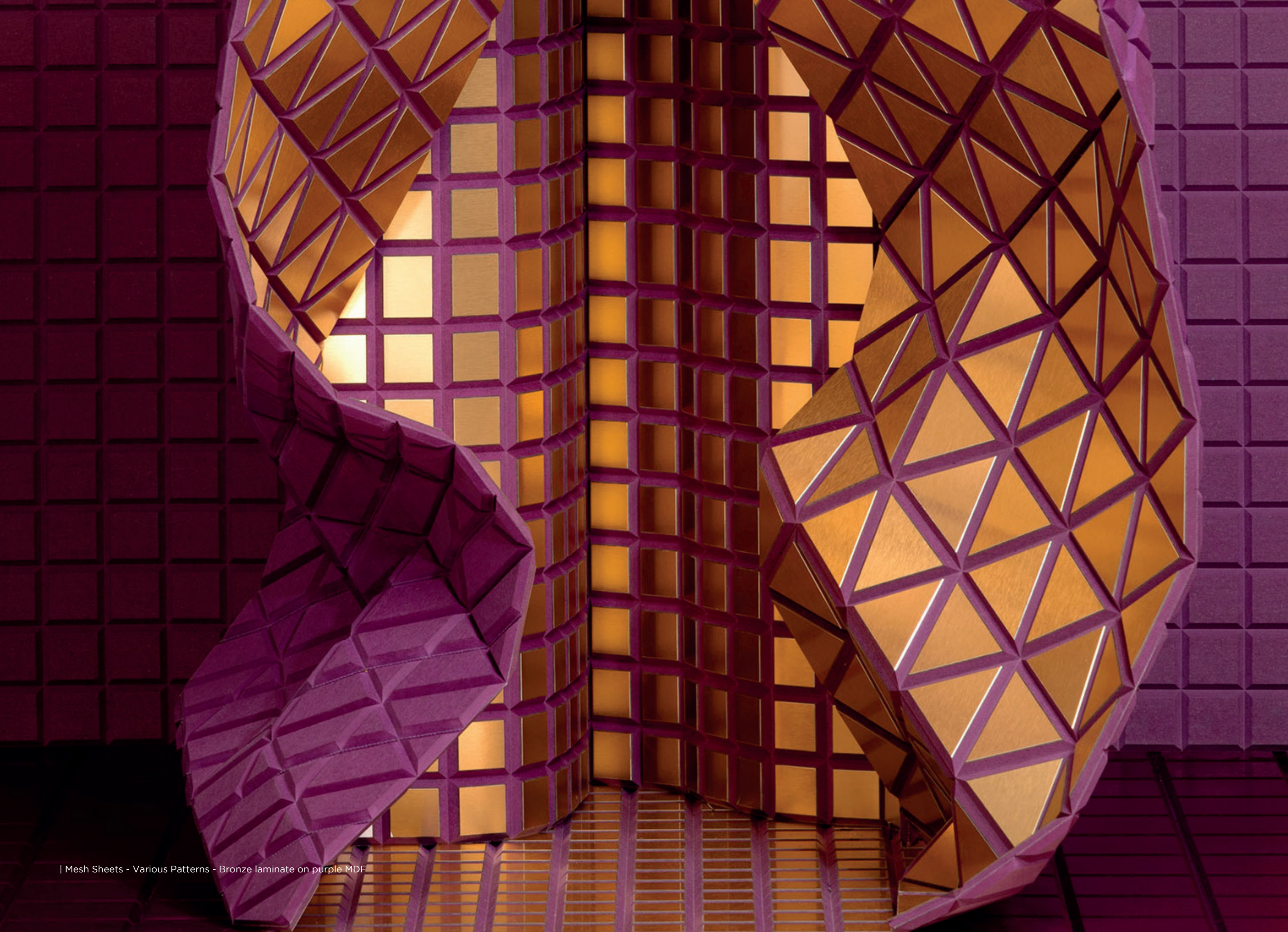




| Mesh Sheets - Various patterns - Living coral laminate on red MDF
| 09/12 Stool by Memphis Milano

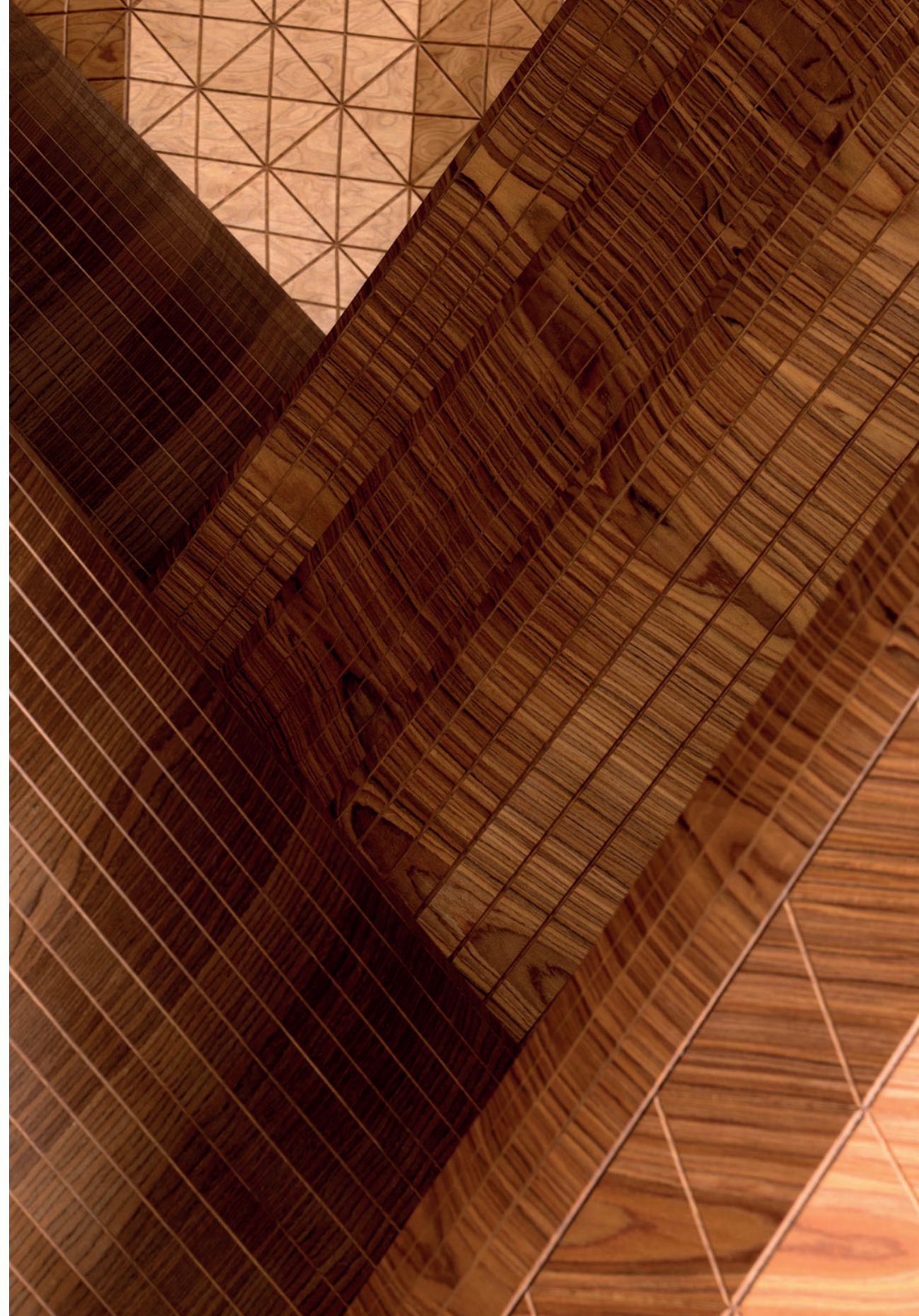
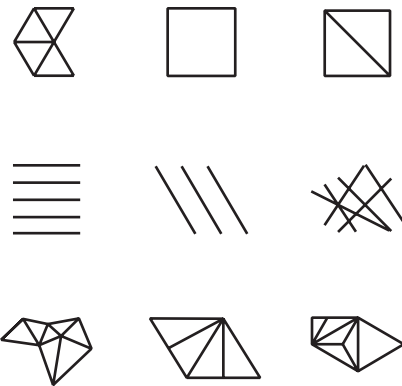


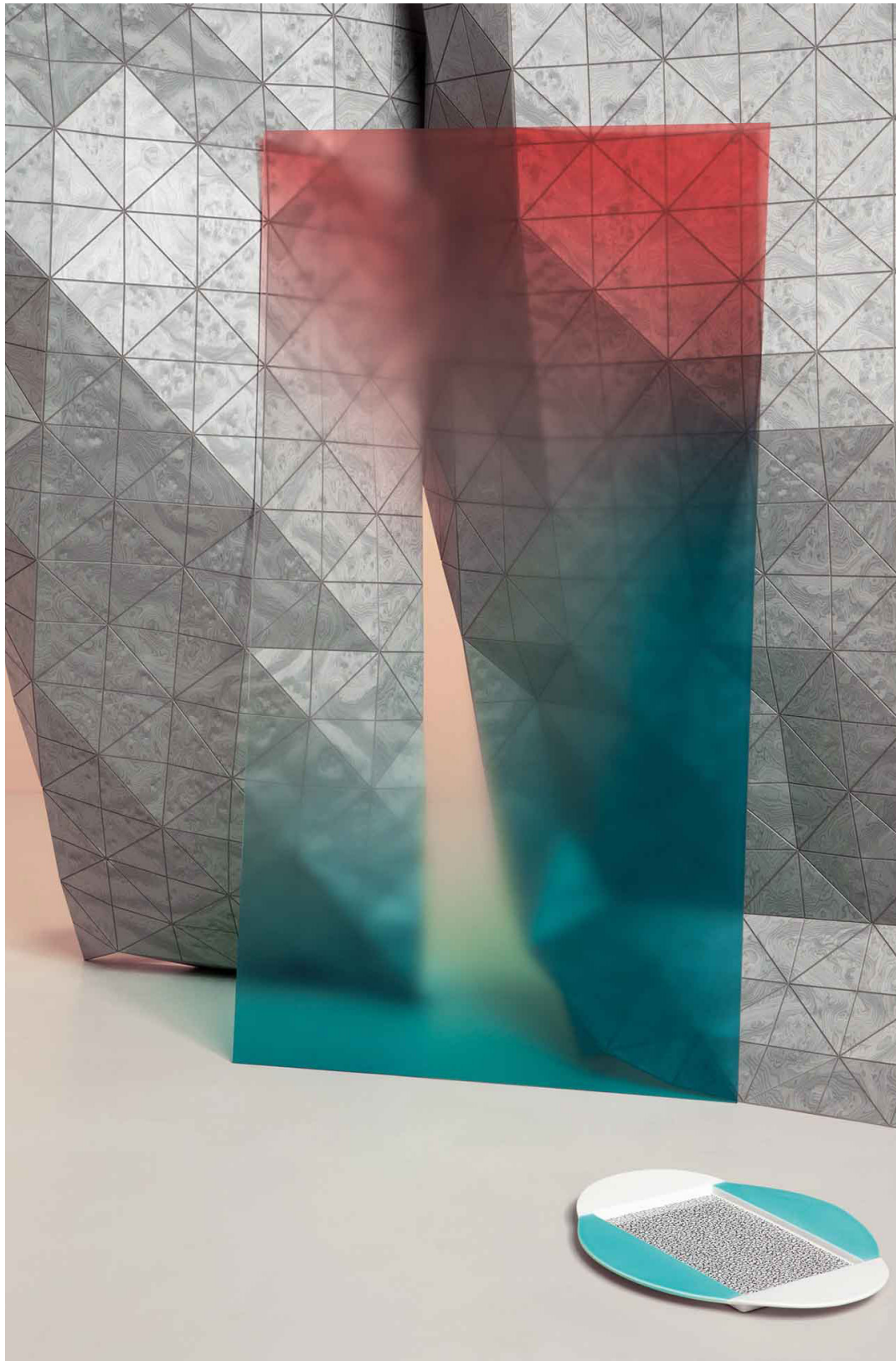
| Mesh Sheets - Various Patterns
Ultra matte laminate



| Mesh Sheets - Various Patterns - Bronze laminate on purple MDF

PATTERN SELECTION





AVAILABLE PATTERN DIMENSIONS

CLASSIC

	CLASSIC A	S · M · L
	CLASSIC B	M · L
	CLASSIC C	S · M · L

BASIC

	BASIC A	S · M · L
	BASIC C	M · L

DIGITAL

	DIGITAL A	S · M · L
	DIGITAL B	S · M · L

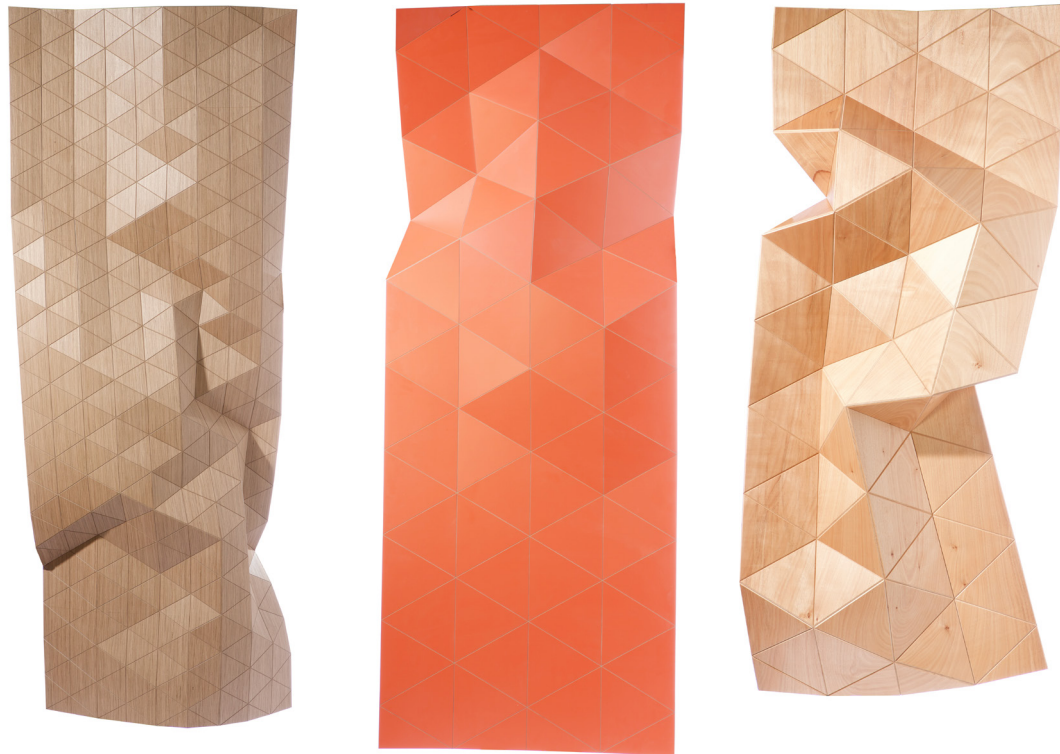
DECOR

	DECOR A	S · M · L
	DECOR B	S · M · L

CLASSIC A

TISSUE ALIKE • ROLLABLE • FREE-FORM

MESH SHEETS



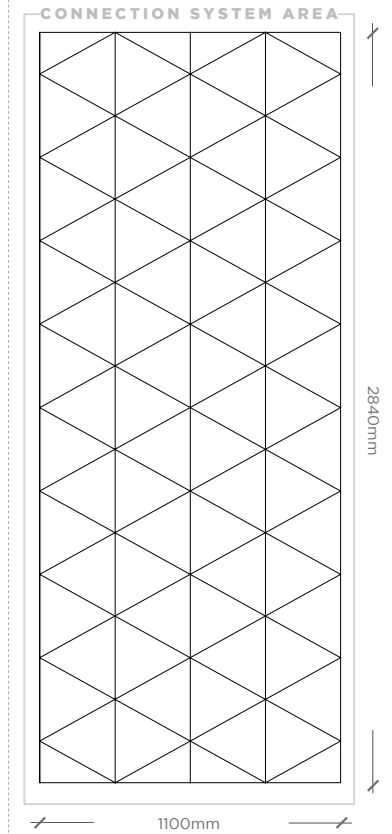
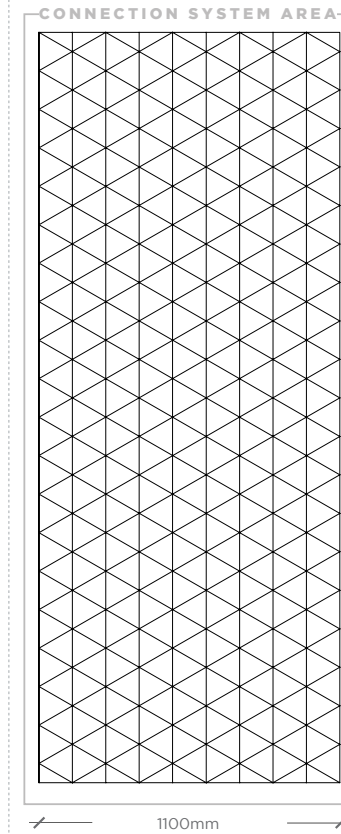
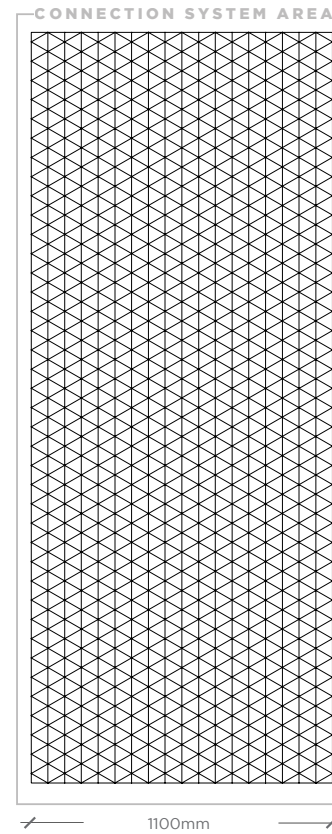
Ultra-thin reconstituted wood | Red laminate on okumè | Varnished okumè

AVAILABLE PATTERN DIMENSIONS



S

M

L



AVAILABLE MATERIALS

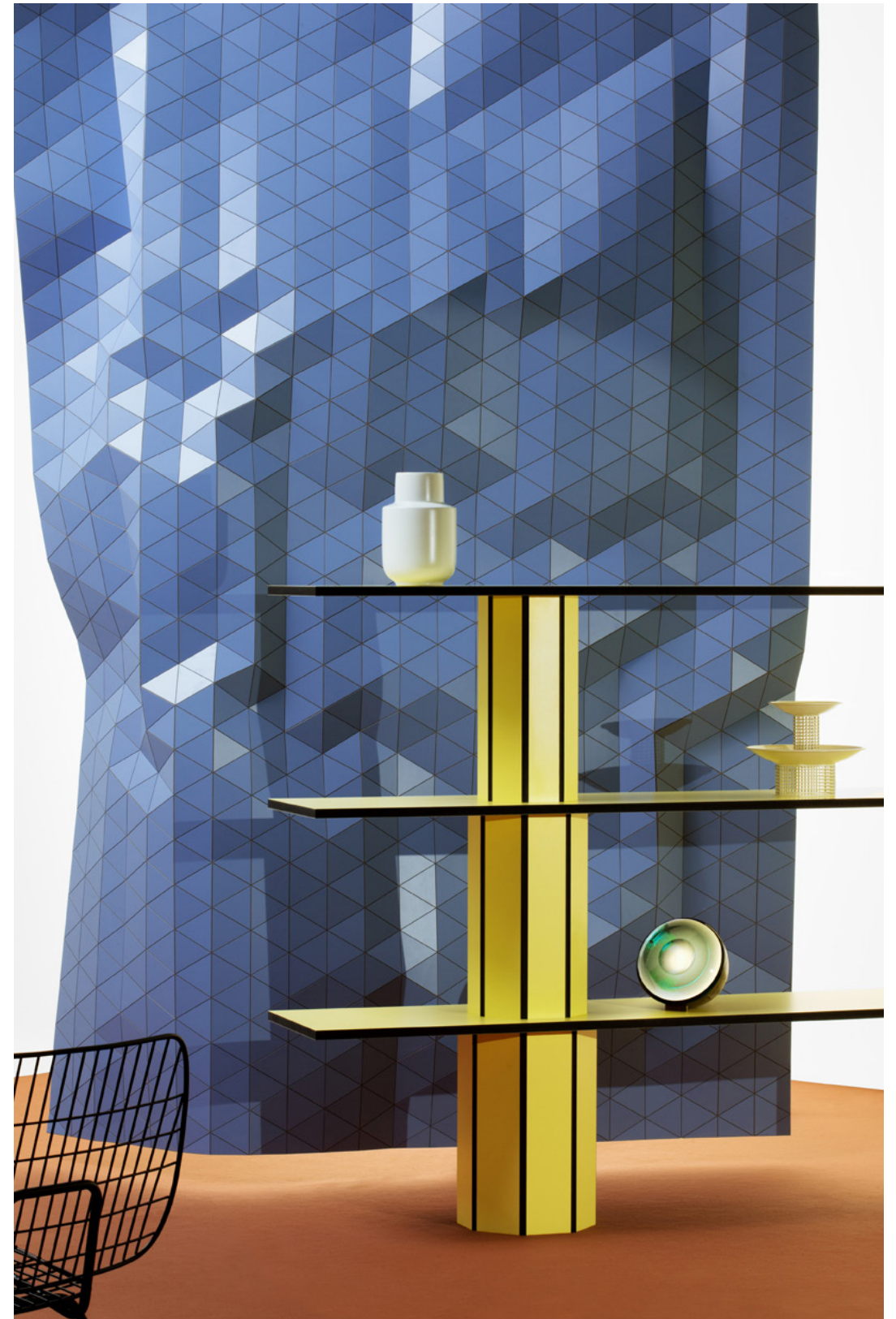
-  OKUMÈ
-  MDF COLOR
-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD

-  BIRCH PLYWOOD
-  OKUMÈ
-  MDF COLOR
-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD
-  SYNTHETIC FELT

-  BIRCH PLYWOOD
-  OKUMÈ
-  MDF COLOR
-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD
-  SYNTHETIC FELT



| Mesh Sheets wall - Classic A Pattern - Blue laminate
 | Library - Black MDF with yellow laminate
 | Ussari bay light by Artplayfactory
 | Wm String Chair by Menu



CLASSIC B

CLASSIC LOOK UPDATED • ROLLABLE • SELF SUPPORTING

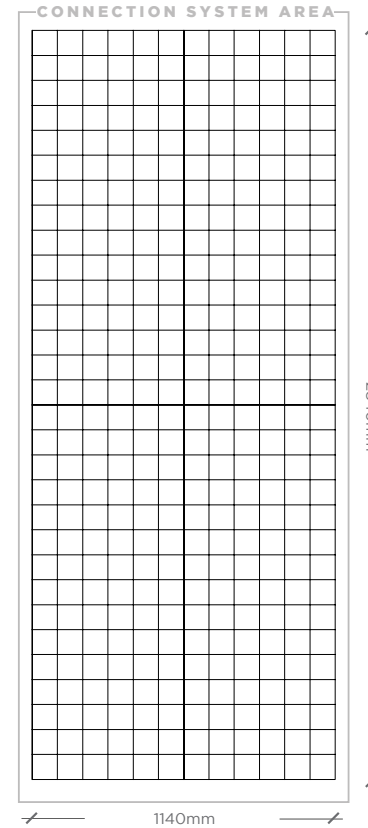
MESH SHEETS



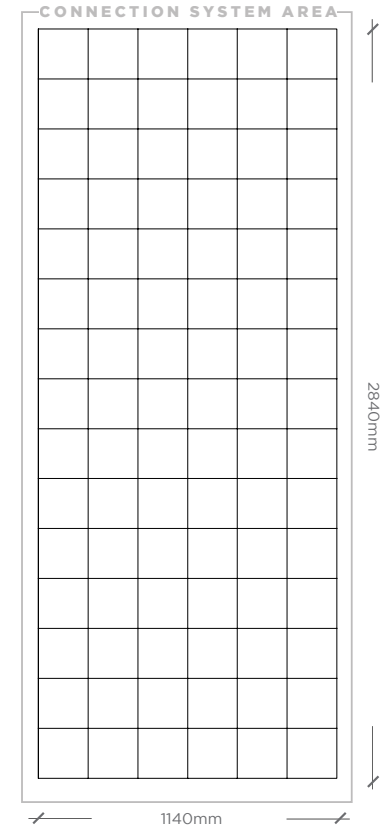
Ultra-matte white laminate | Red MDF

AVAILABLE PATTERN DIMENSIONS

M



L



AVAILABLE MATERIALS



BIRCH PLYWOOD



OKUMÈ



MDF COLOR



LAMINATE



ULTRA-THIN RECONSTITUTED WOOD



SYNTHETIC FELT



BIRCH PLYWOOD



OKUMÈ



MDF COLOR



LAMINATE



ULTRA-THIN RECONSTITUTED WOOD



SYNTHETIC FELT

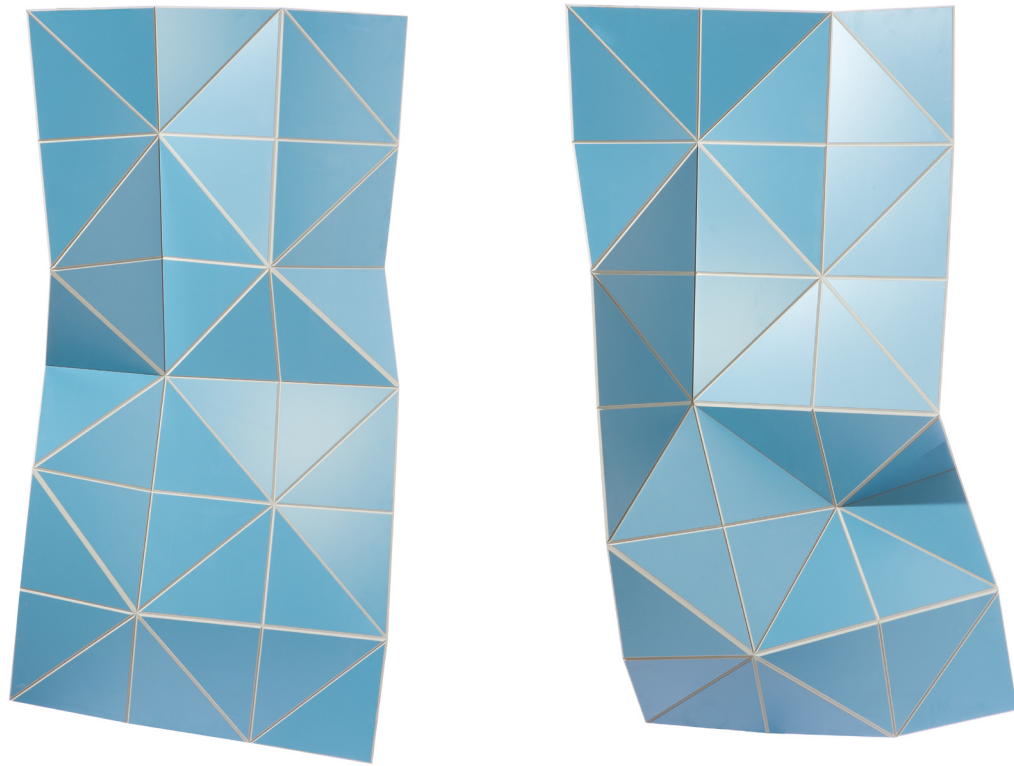


| Mesh Sheets wall - Classic B Pattern - Ultra-matte laminate
 | Superloon light by Flos
 | Carpet Roquebrune collection by Carpet Edition
 | Afternoon bench by Menu

CLASSIC C

MAXIMUM FREEDOM • ENDLESS SHAPE-SHIFTING POSSIBILITIES

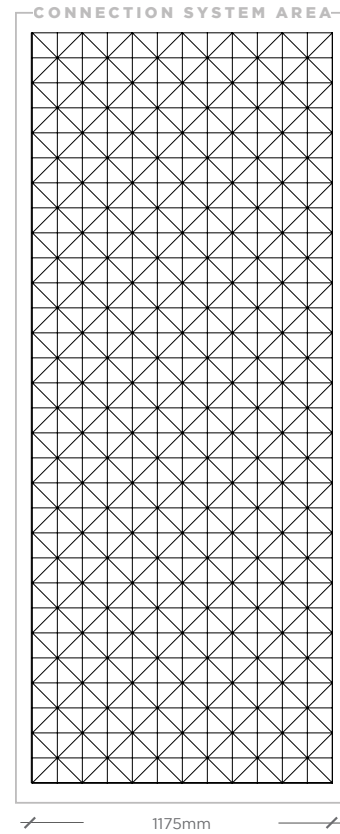
MESH SHEETS



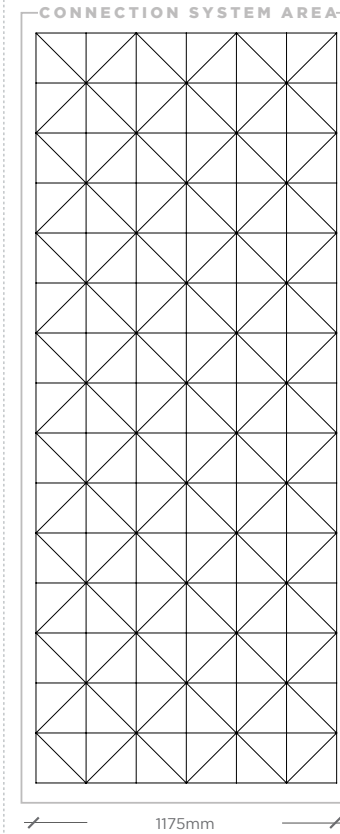
Blue laminate on grey MDF

AVAILABLE PATTERN DIMENSIONS

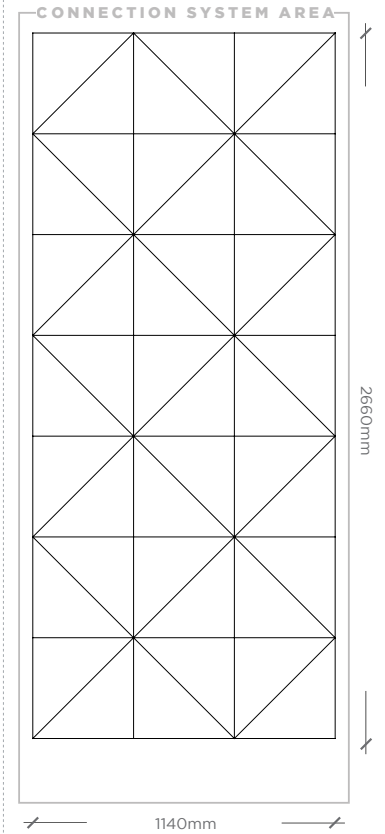
S
—







M
—



L
—



AVAILABLE MATERIALS

-  OKUMÉ
-  MDF COLOR
-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD

-  BIRCH PLYWOOD
-  OKUMÉ
-  MDF COLOR
-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD
-  SYNTHETIC FELT

-  BIRCH PLYWOOD
-  OKUMÉ
-  MDF COLOR
-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD
-  SYNTHETIC FELT



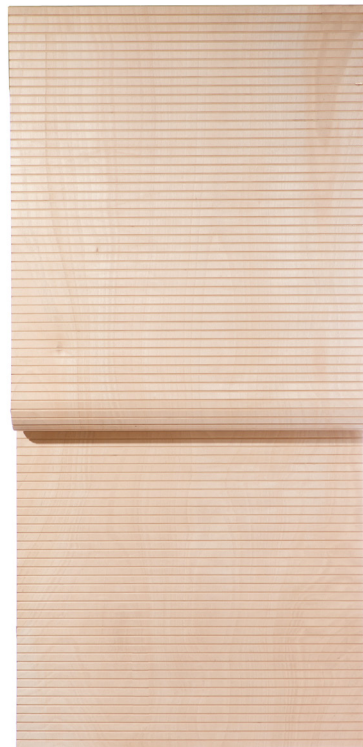
| Mesh Sheets volumes - Classic B Pattern - Bamboo caramel
| Algorithmic Ceramic vases by Francesco Perego



BASIC A

CLASSIC DESIGN UPDATED • SELF SUPPORTING • FREE-FORM WAVE

MESH SHEETS



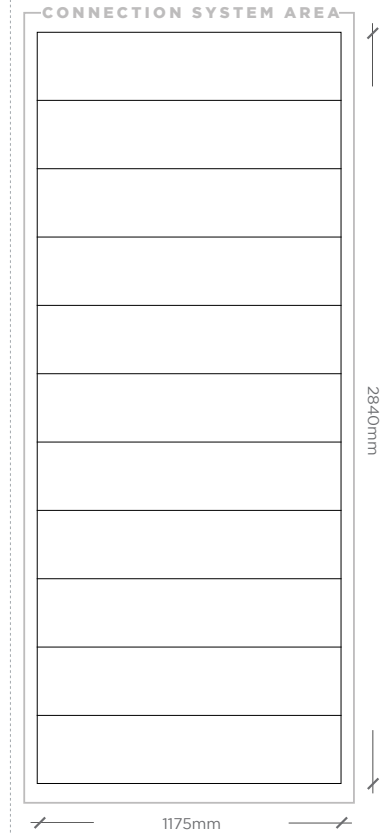
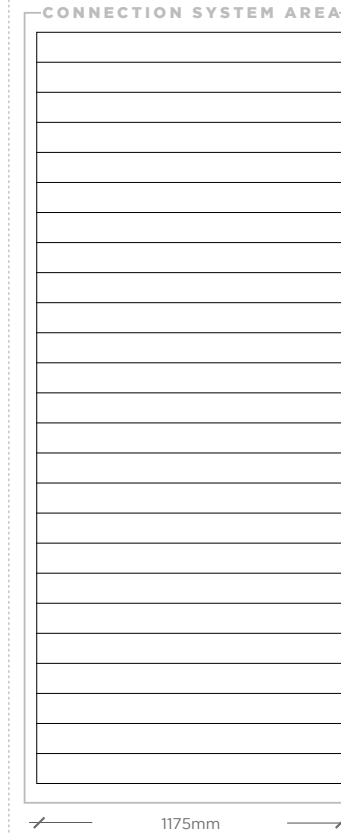
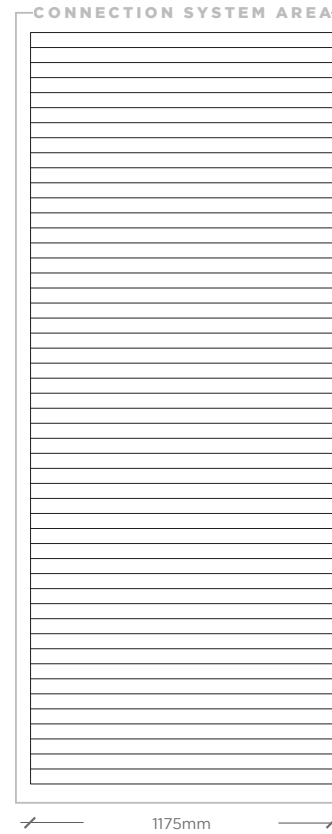
Varnished okumè | Ultra-matte black laminate

AVAILABLE PATTERN DIMENSIONS

S

M

L

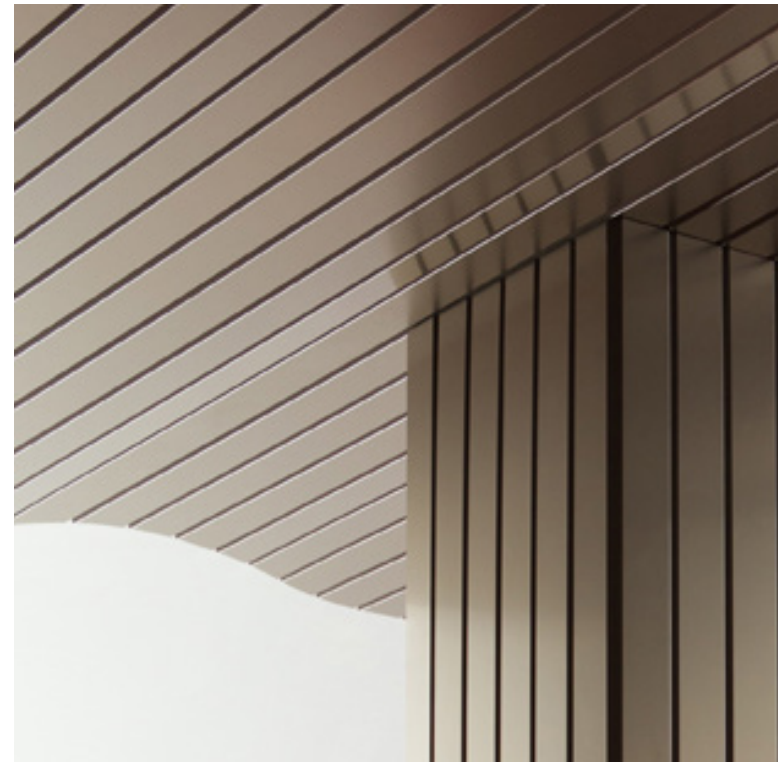


AVAILABLE MATERIALS

- OKUMÈ
- MDF COLOR
- LAMINATE
- ULTRA-THIN RECONSTITUTED WOOD

- BIRCH PLYWOOD
- OKUMÈ
- MDF COLOR
- LAMINATE
- ULTRA-THIN RECONSTITUTED WOOD
- SYNTHETIC FELT

- BIRCH PLYWOOD
- OKUMÈ
- MDF COLOR
- LAMINATE
- ULTRA-THIN RECONSTITUTED WOOD
- SYNTHETIC FELT

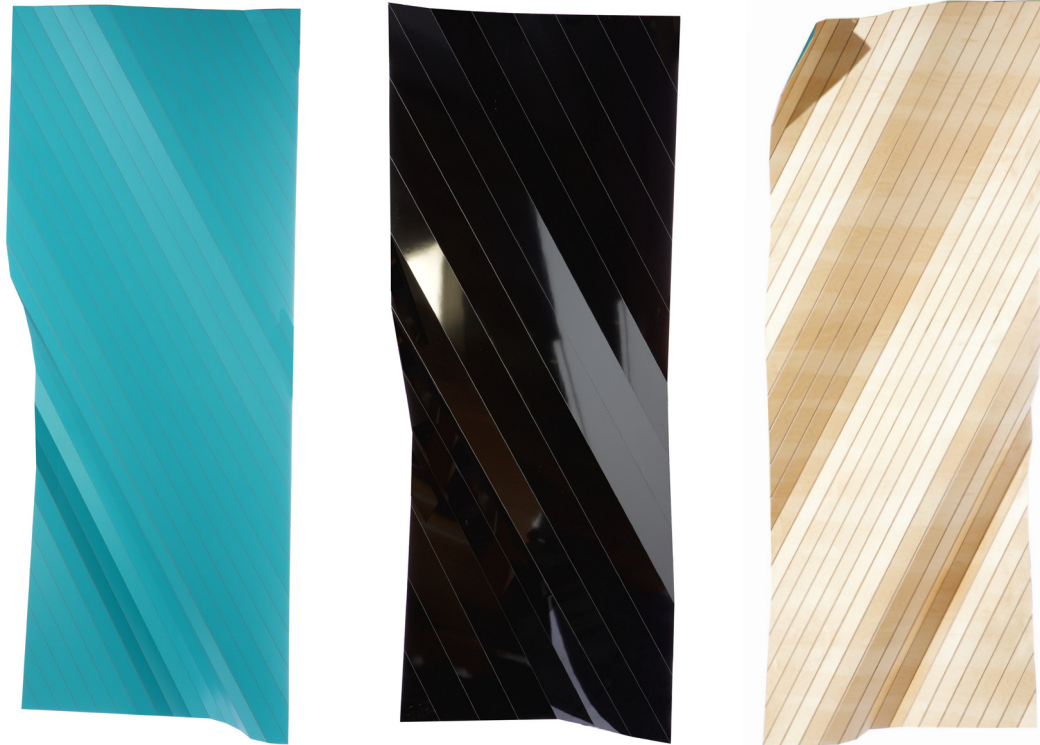


| Mesh Sheets column and ceiling - Basic A Pattern - Grey MDF with metal laminate
 | Plastic vases by Francesco Peregó
 | Wm String Chairs by Menu

BASIC C

MINIMAL DESIGN • FREE-FORM WAVE

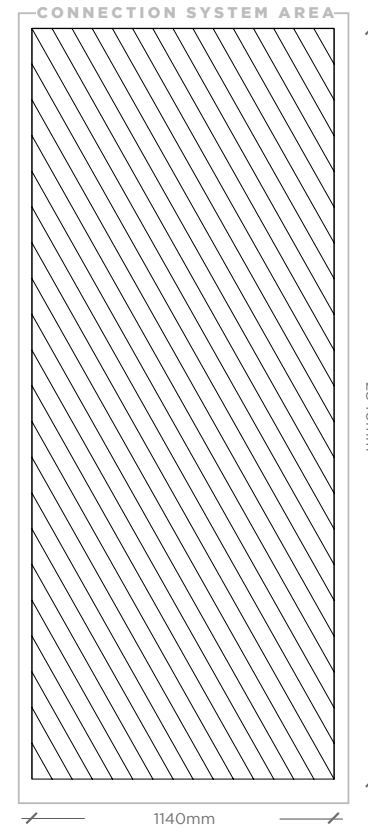
MESH SHEETS



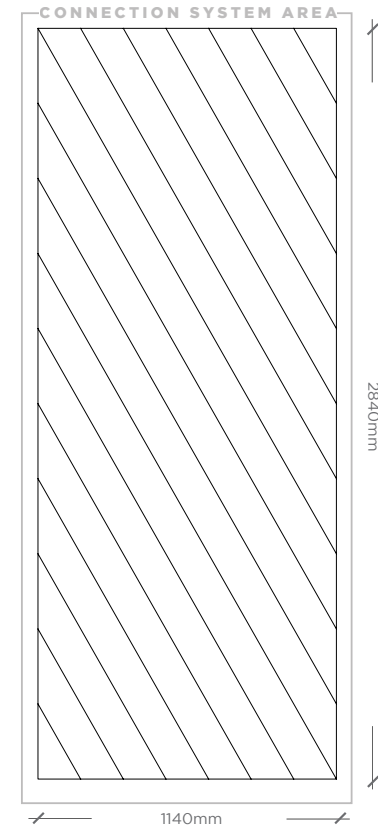
Blue jungle laminate | Black laminate | Varnished birch plywood

AVAILABLE PATTERN DIMENSIONS




M









L






AVAILABLE MATERIALS

-  BIRCH PLYWOOD
-  OKUMÈ
-  MDF COLOR

-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD
-  SYNTHETIC FELT

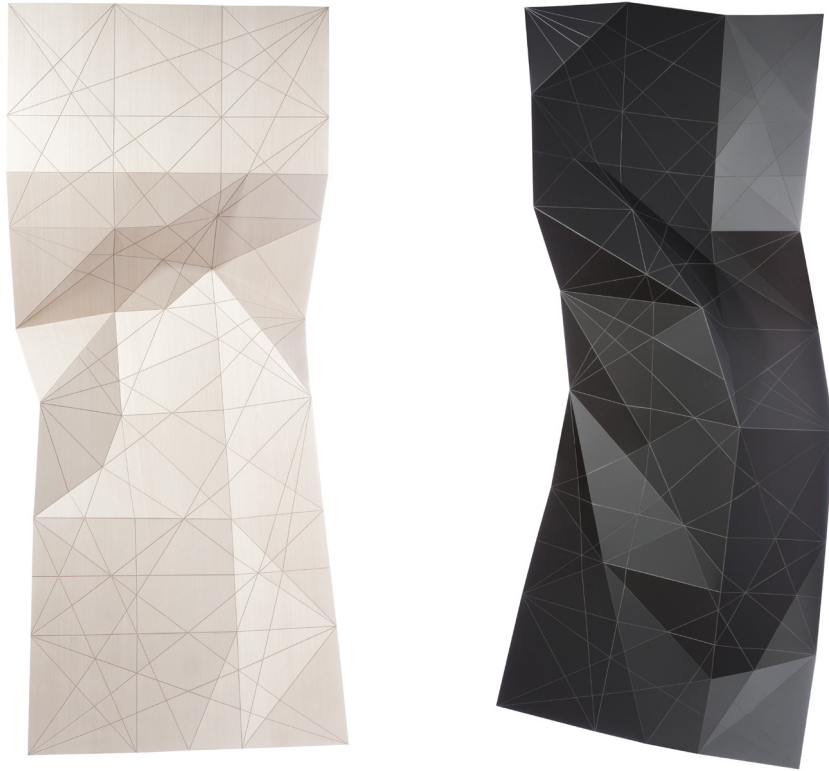
-  BIRCH PLYWOOD
-  OKUMÈ
-  MDF COLOR

-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD
-  SYNTHETIC FELT

DIGITAL A

DIGITAL LOOK • MODERATE BENDING • RANDOMIC EFFECT

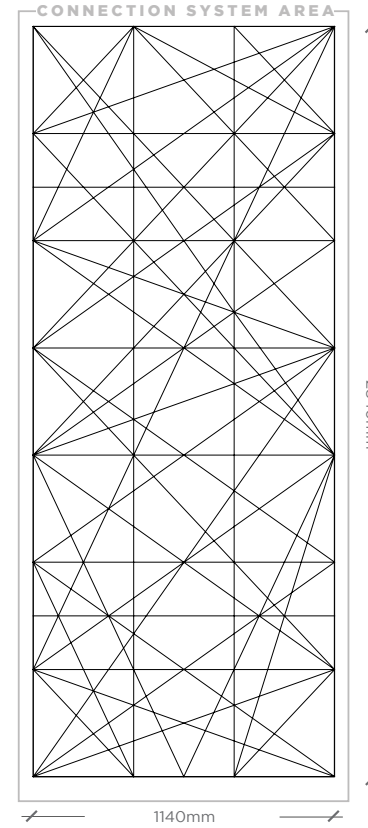
MESH SHEETS



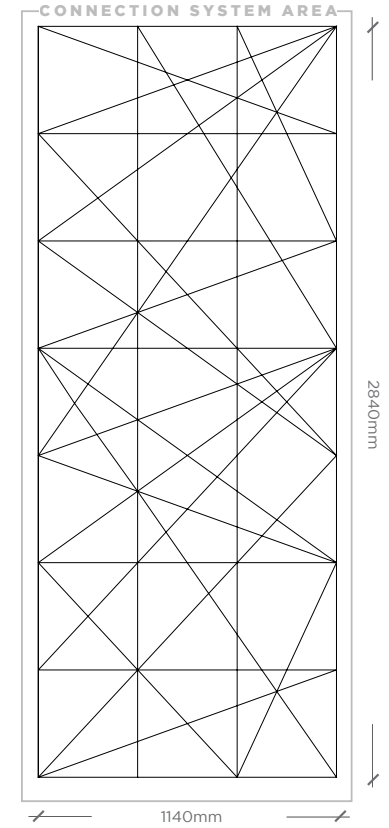
Ultra-thin reconstituted wood | Ultra-matte black laminate

AVAILABLE PATTERN DIMENSIONS


M




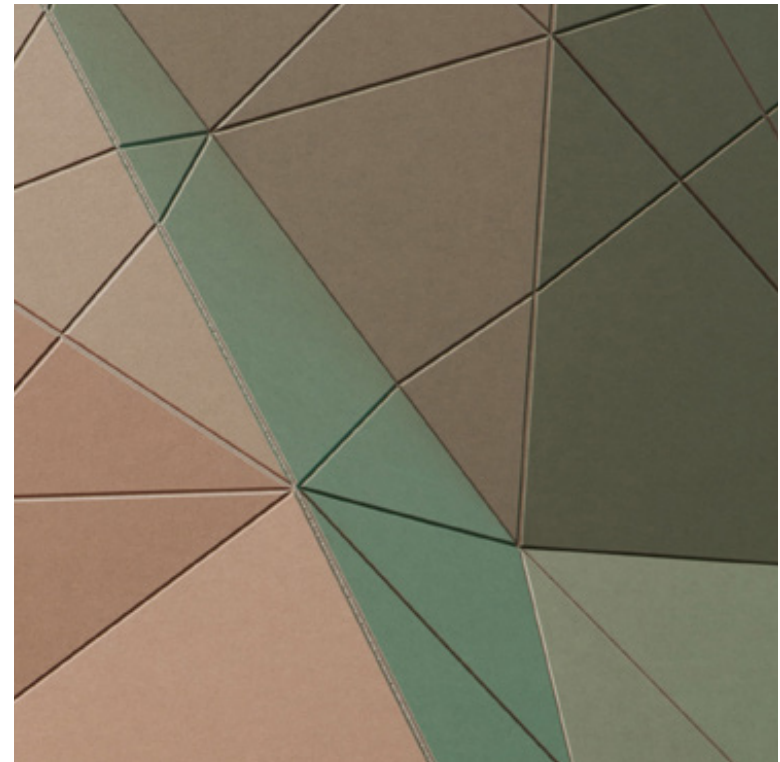
L



AVAILABLE MATERIALS

-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD

-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD

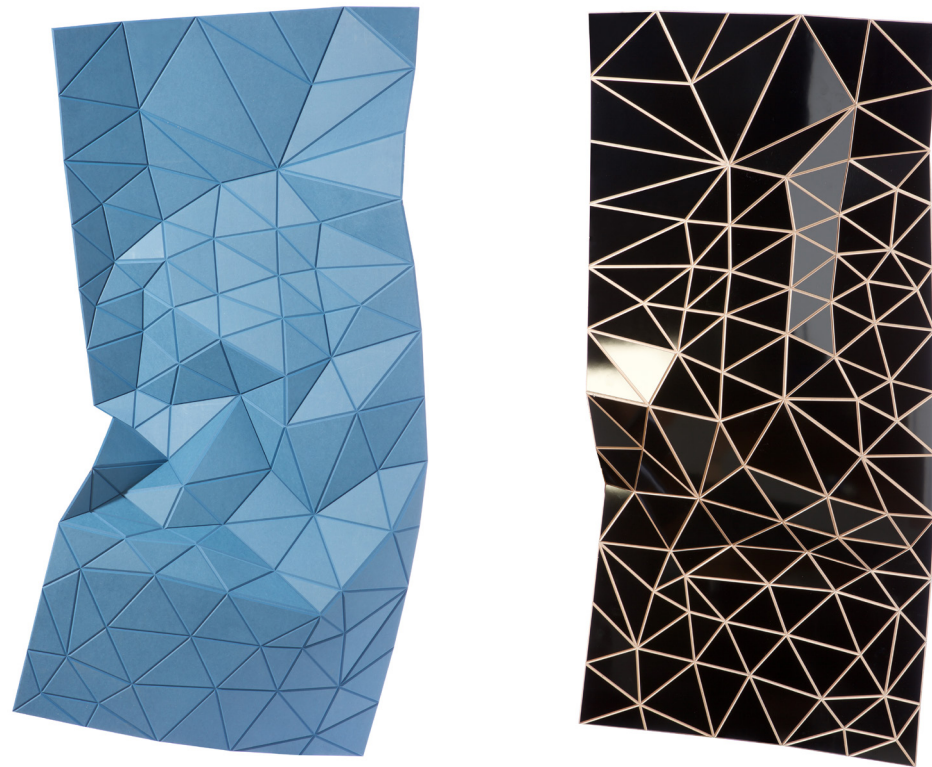


| Mesh Sheets wall - Digital A Pattern - Sustainable composite panel
 | Algorithmic Ceramic vases by Francesco Perego
 | Cliff table by Novamobili

DIGITAL B

UNEXPECTED 3D EFFECT • DIFFERENT PATTERN DENSITY

MESH SHEETS



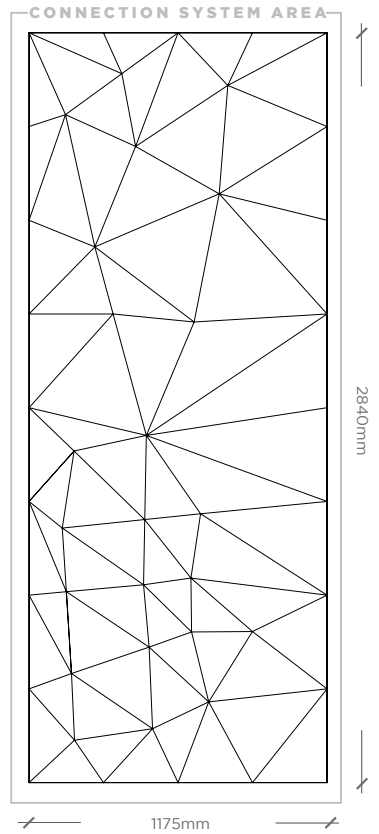
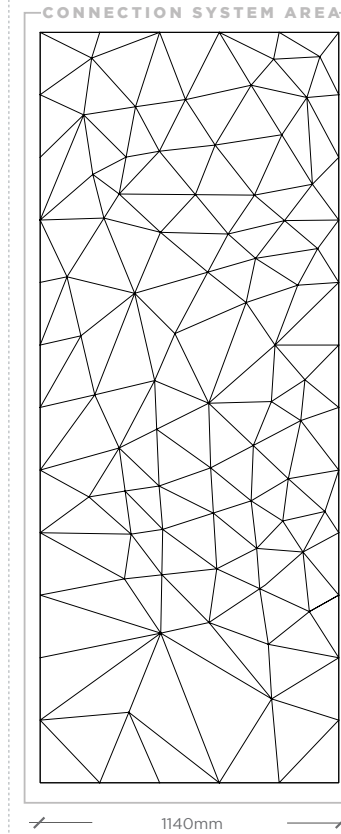
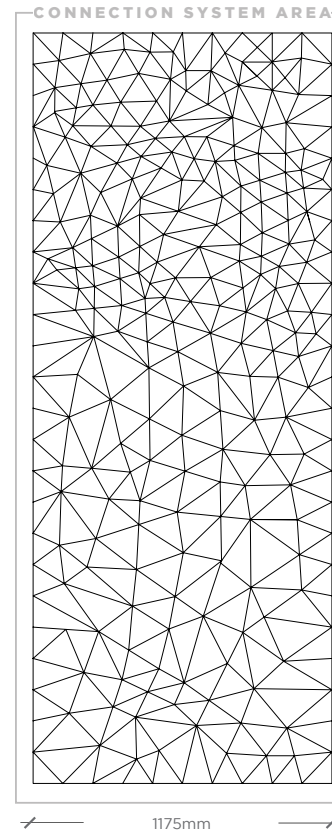
Blue MDF | Black laminate on okumè

AVAILABLE PATTERN DIMENSIONS



S




M




L






AVAILABLE MATERIALS

-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD

-  BIRCH PLYWOOD
-  OKUMÈ
-  MDF COLOR

-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD
-  SYNTHETIC FELT

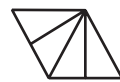
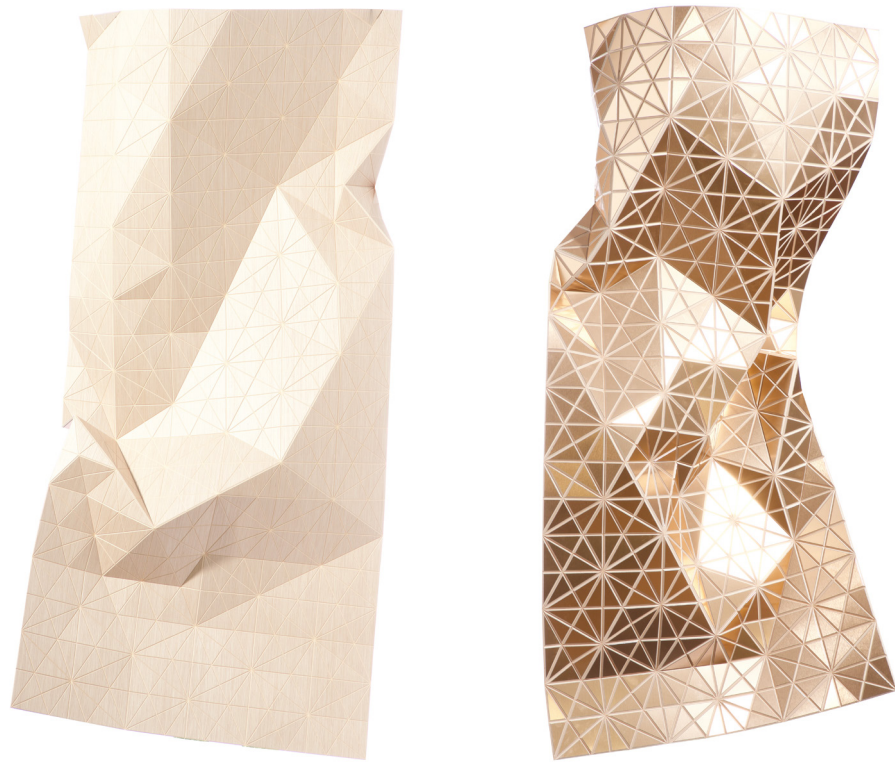
-  BIRCH PLYWOOD
-  OKUMÈ
-  MDF COLOR

-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD
-  SYNTHETIC FELT

DECOR A

ORGANIC LOOK • FREE-FORM • SMOOTH BENDING

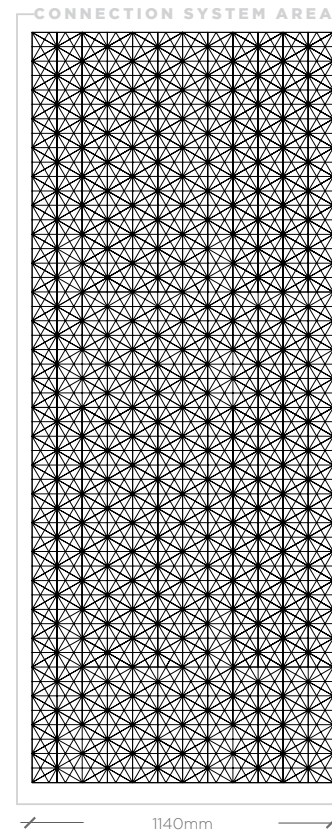
MESH SHEETS



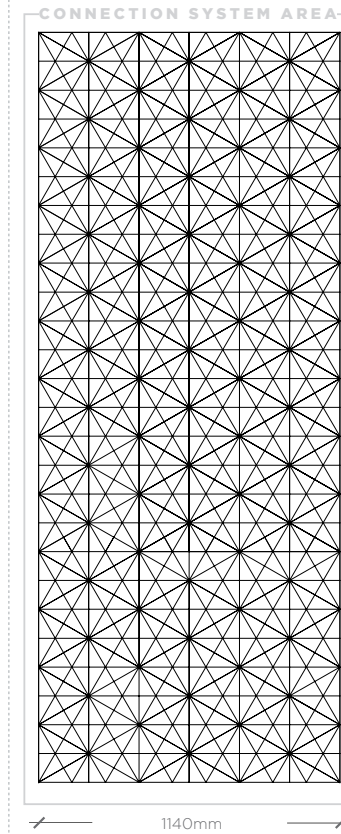
Ultra-thin reconstituted wood | Bronze laminate on okumè

AVAILABLE PATTERN DIMENSIONS

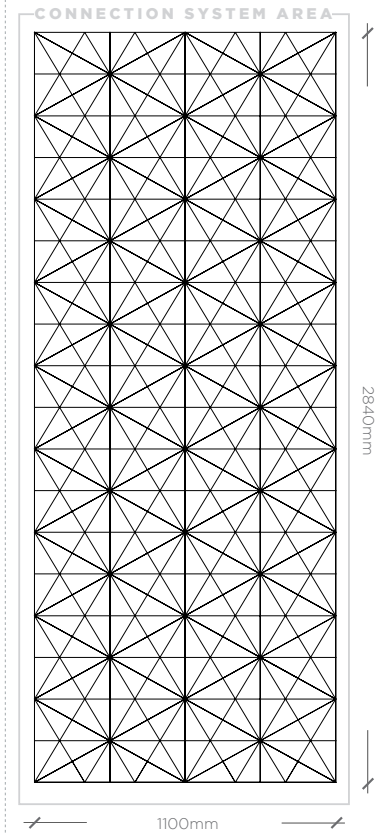
S






M






L






AVAILABLE MATERIALS

-  BIRCH PLYWOOD
-  OKUMÈ
-  MDF COLOR

-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD

-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD
-  SYNTHETIC FELT

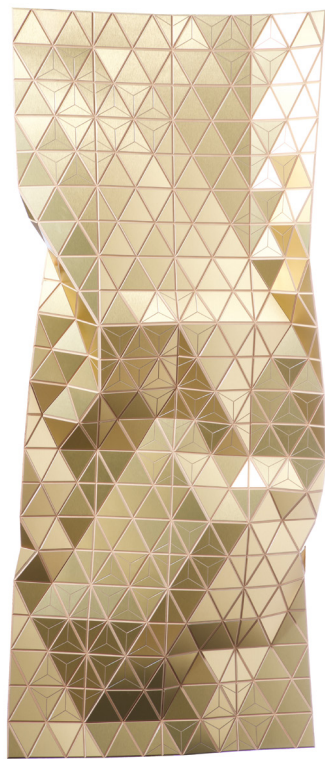
-  BIRCH PLYWOOD
-  OKUMÈ
-  MDF COLOR

-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD
-  SYNTHETIC FELT

DECOR B

ORGANIC LOOK • FREE-FORM • SMOOTH BENDING

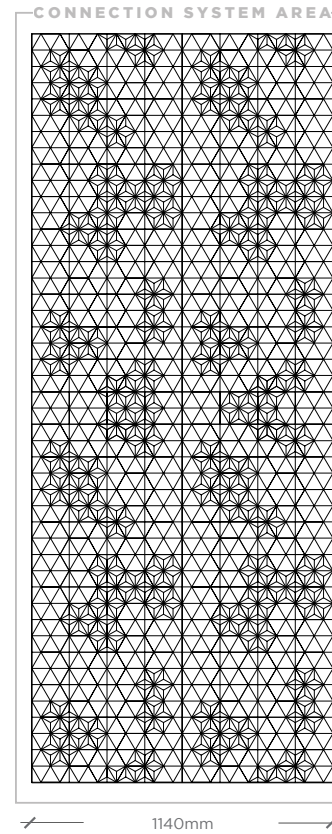
MESH SHEETS



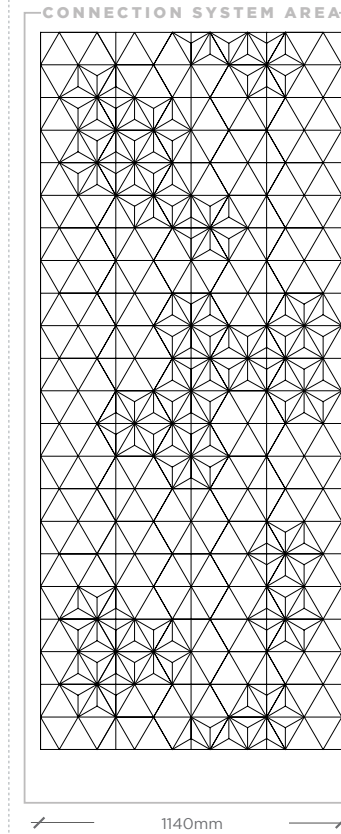
Bronze laminate on okumè | Varnished okumè

AVAILABLE PATTERN DIMENSIONS

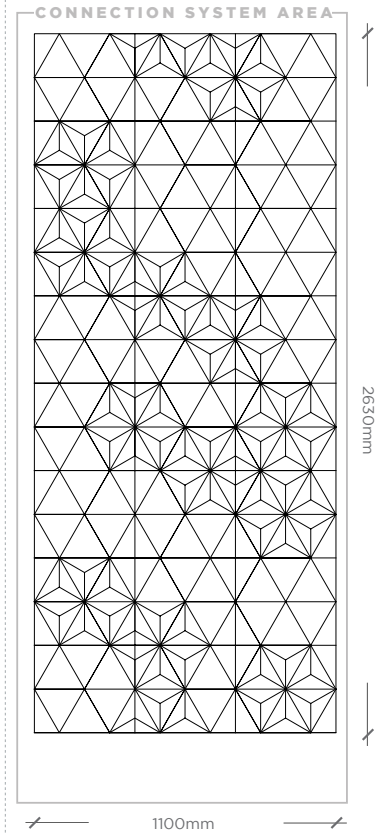
S




M









L









AVAILABLE MATERIALS

-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD

-  BIRCH
-  OKUMÈ
-  MDF COLOR

-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD
-  SYNTHETIC FELT

-  BIRCH
-  OKUMÈ
-  MDF COLOR

-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD
-  SYNTHETIC FELT

SELECTED REFERENCES



| Mesh Sheets wall - Basic A Pattern - Grey MDF with metal laminate
| Cliff table by Novamobili
| Carpet Roquebrune collection by Carpet Edition
| Afternoon bench by Menu



**MAISON
MARGIELA
BOUTIQUE,
MILANO, ITALY**

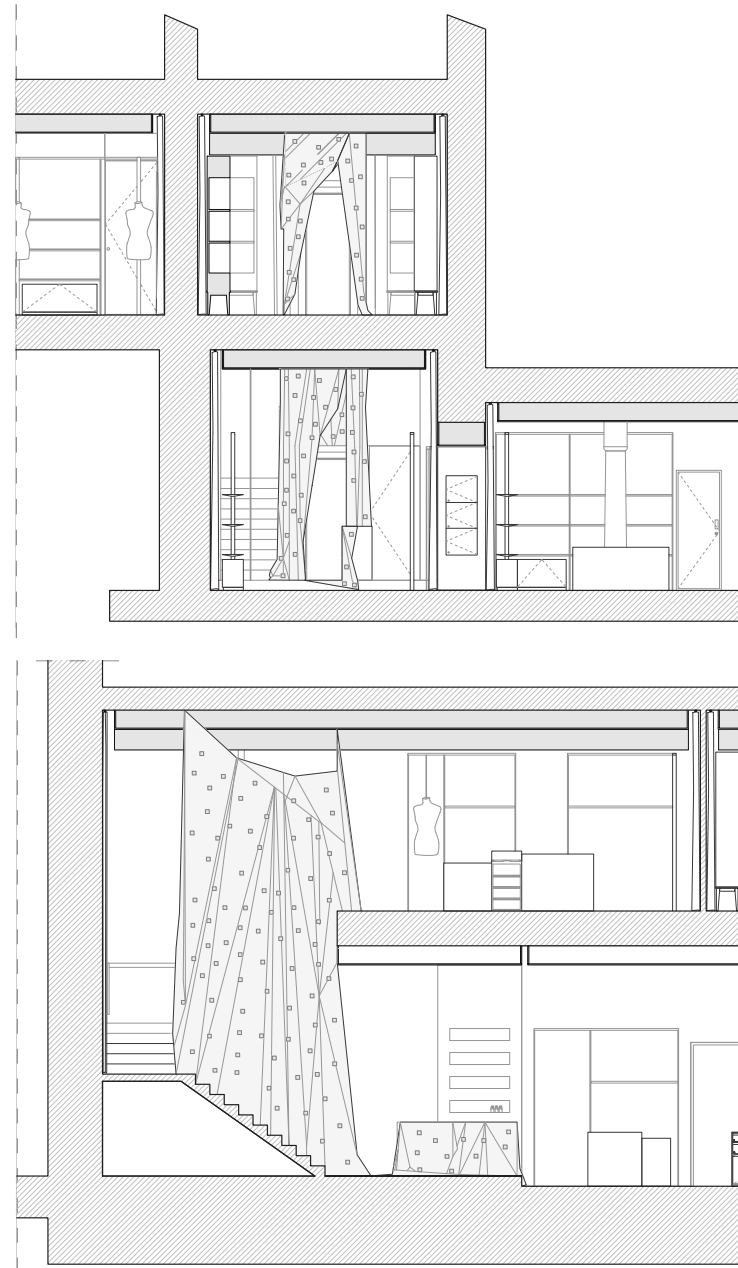
PATTERN



**MATERIALS AND
FINISHES**

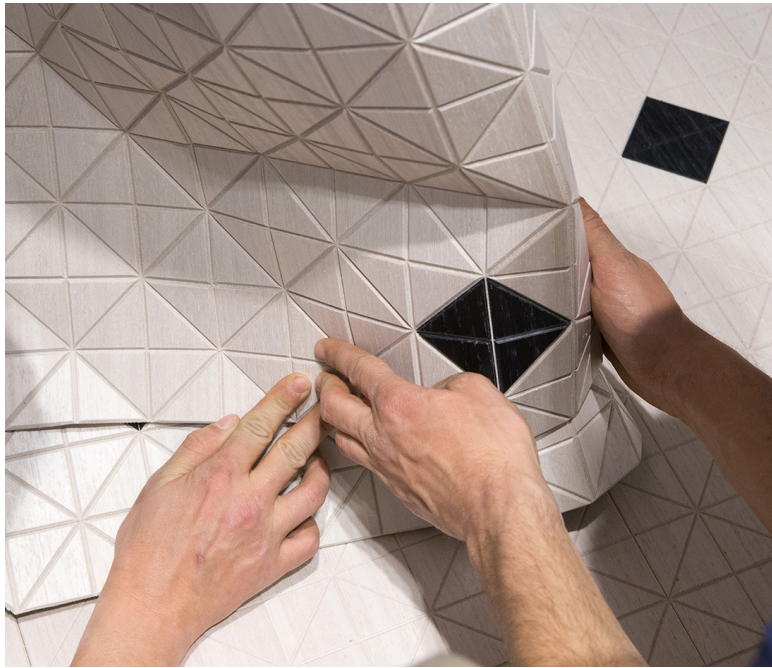
Transparent varnished veneer with custom thickness and handmade black inlays

INSIDE LOOK



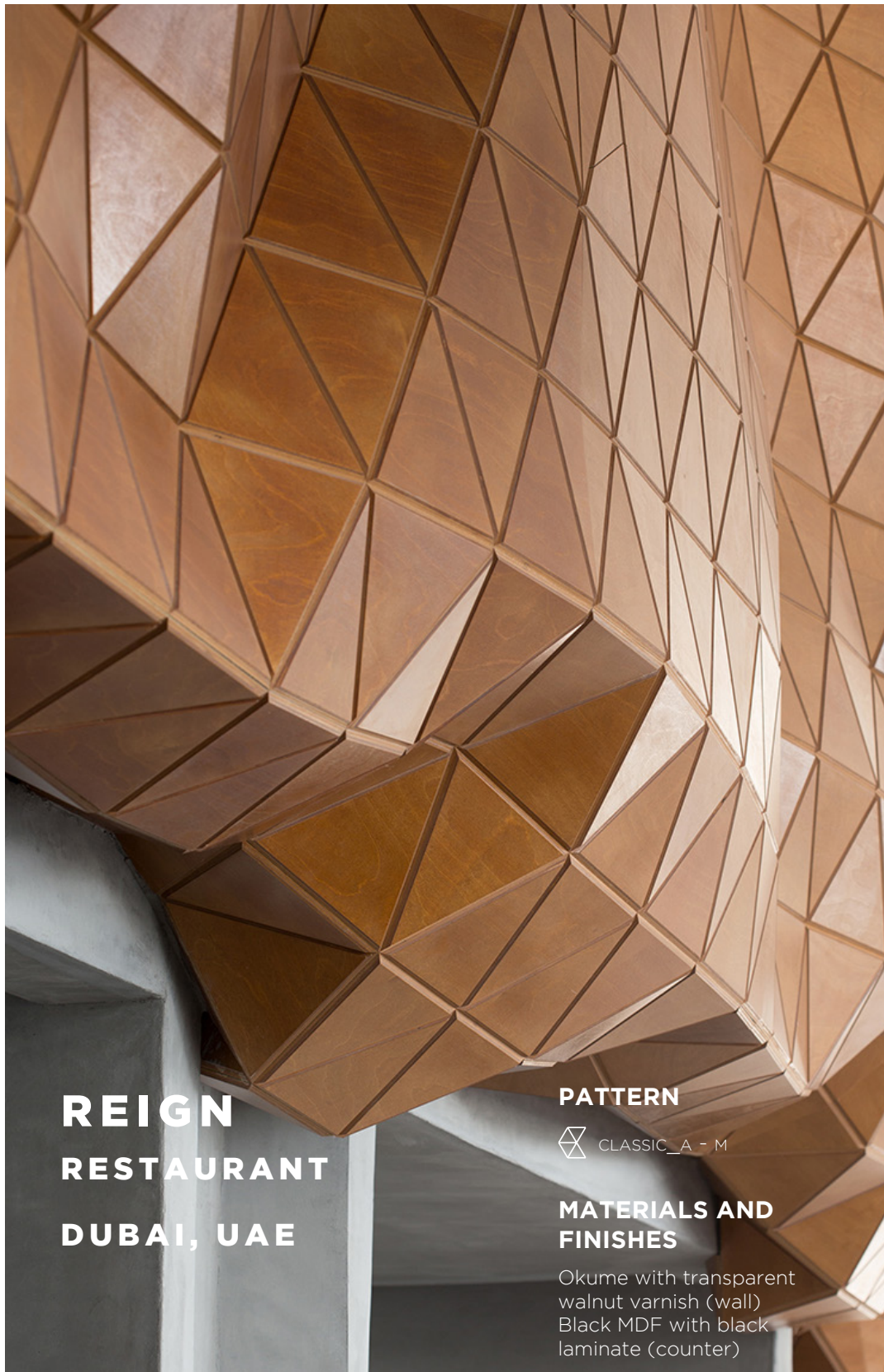
| Client's concept drawing

Located in the fashion quarter of Milan's historic center, the women's boutique occupies two floors for a total of approximately 300 square meters. At Maison Margiela, WOOD-SKIN shows off a few of the different design possibilities it offers, all seamlessly harmonized by a custom inlaid pattern.



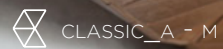
Like a CGI sequence brought to life, WOOD-SKIN starts off as traditional flooring and then morphs into a spectacular two-story 'curtain' that wraps around the elevator, inviting clients to visit the upper floor.





**REIGN
RESTAURANT
DUBAI, UAE**

PATTERN



MATERIALS AND FINISHES

Okume with transparent walnut varnish (wall)
Black MDF with black laminate (counter)

INSIDE LOOK

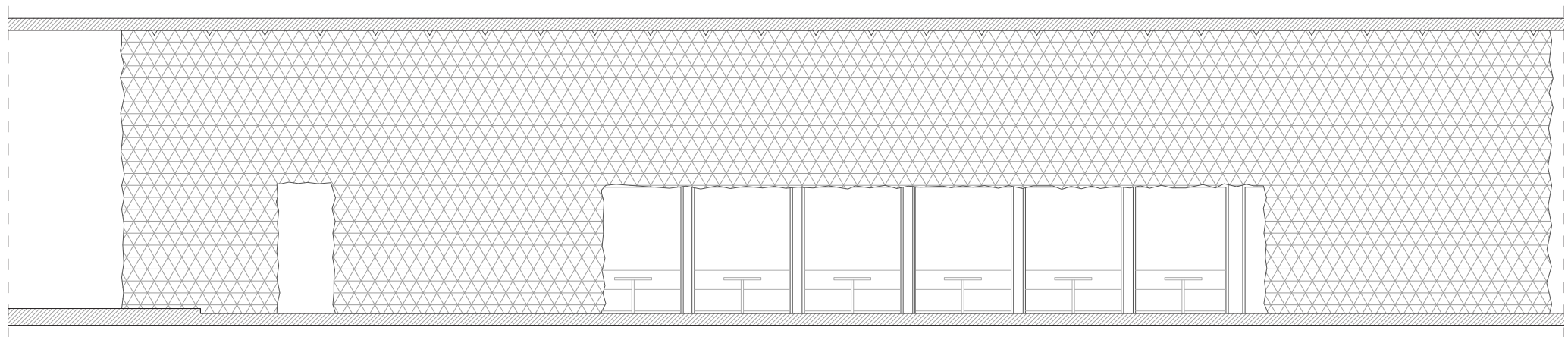


A new fusion restaurant in the financial center of Dubai, with a cross between European and Middle Eastern architecture, featuring a gigantic double-curved WOOD-SKIN wall. The richly grained wood finish pops against the all-white furniture and exposed concrete.

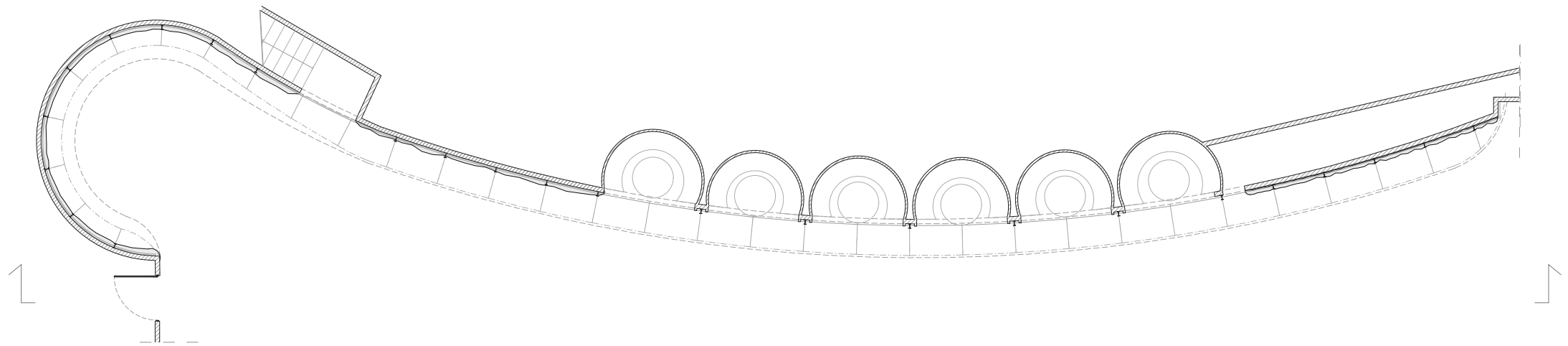
Opposite the dining room, a 50 m counter is clad in glossy black laminate to reflect the ambient light, accentuating its clean, organic flow.



MESH SHEETS



| Client's concept drawing - Elevation



| Client's concept drawing - Plan



ON HOUSE
HOME THEATER
MILANO, ITALY

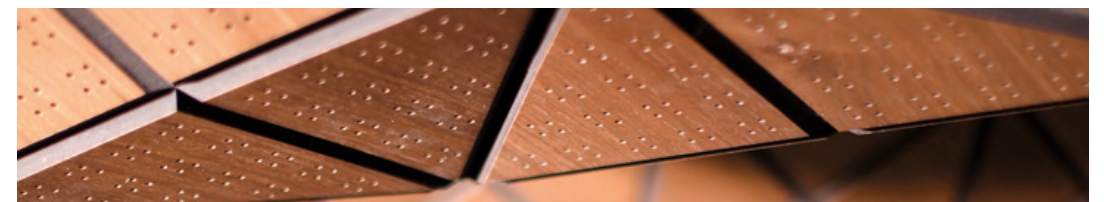
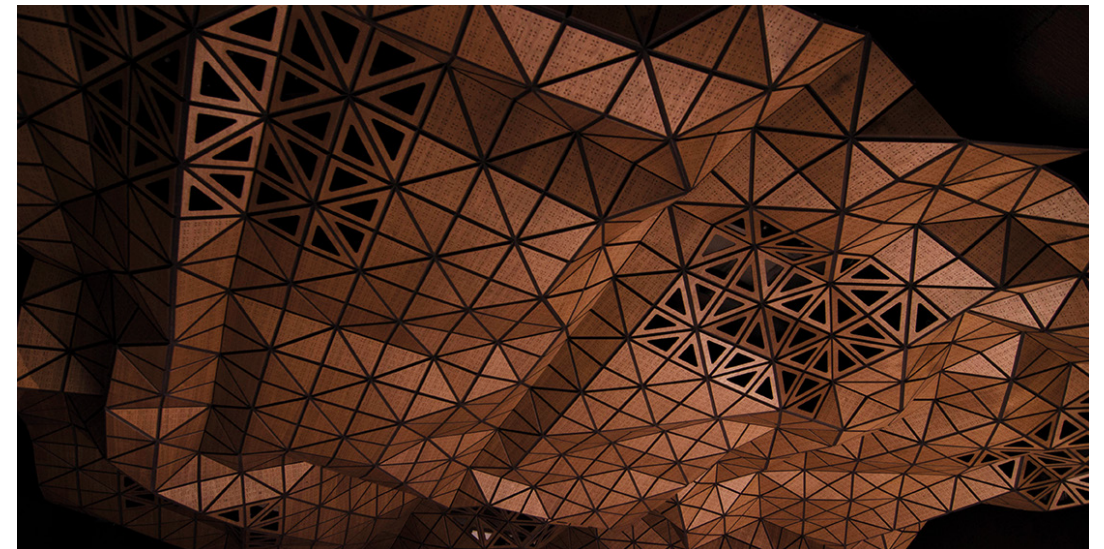
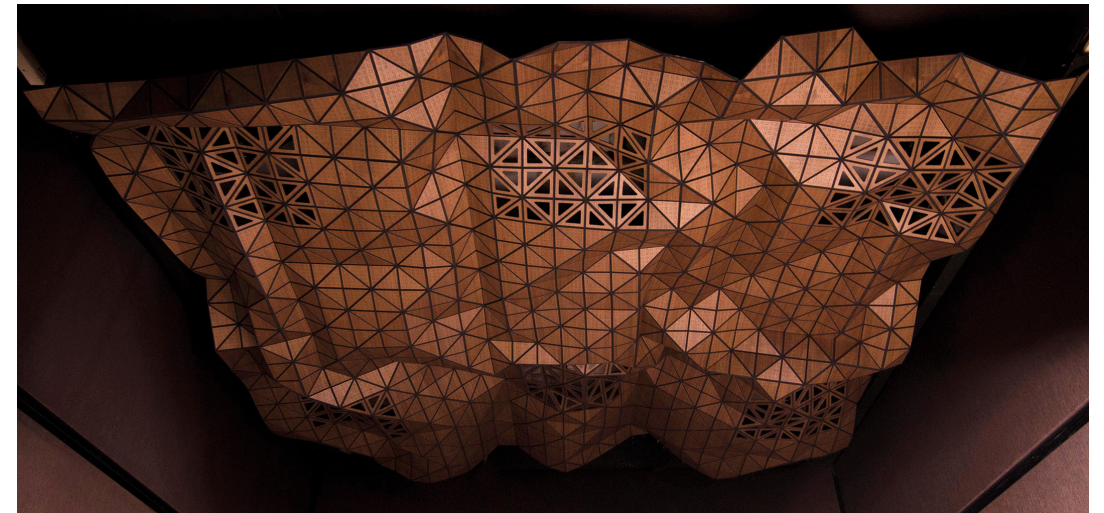
PATTERN



CLASSIC_C - M

MATERIALS AND FINISHES

Black MDF with oak veneer



Thanks to the groundbreaking characteristics of the material and our collaboration with experts in the smart home sector, we were able to create an innovative ceiling with a mechanized substructure that can literally shape-shift in accordance with the acoustic needs of the space.

WOOD-SKIN's already extraordinary versatility even extends into the dimension of motion, opening up unlimited possibilities for the smart and connected home.



ADDITIONAL CUSTOMIZATIONS

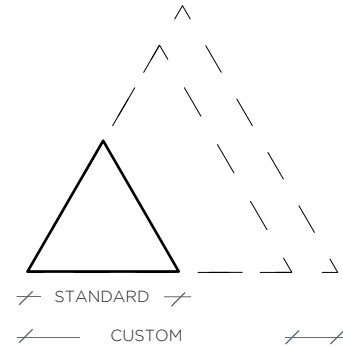


| Mesh Sheets ceiling - Basic A Pattern - Turquoise metal laminate and 'fossil' laminate
| Pouff Pix by Arper
| Origin chair by Novamobili

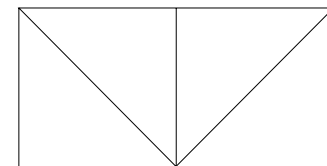
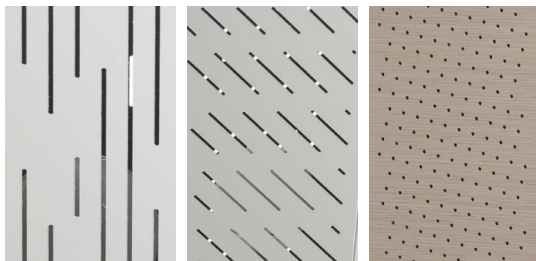
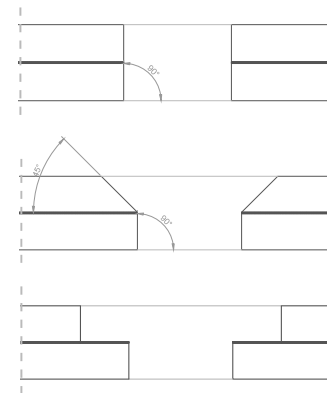
Our WOOD-SKIN® software enables us to program the material to obtain specific complex shapes and volumes, making custom solutions both more affordable and less time-consuming.

WOOD-SKIN allows easy integrations of standard and specialty hardware components such as speakers, lighting, and built-in video screens.

PATTERN DIMENSION



ACOUSTIC AND DECORATIVE PERFORATIONS

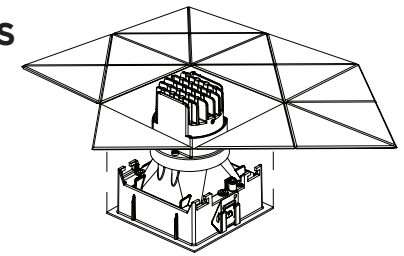


MESH SHEETS

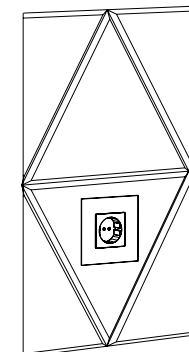
CUT-OUT



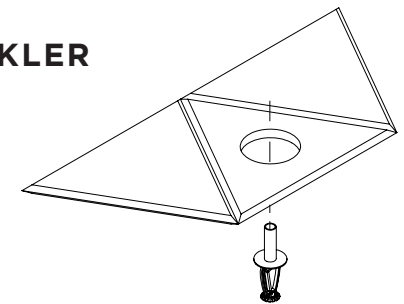
LIGHTS



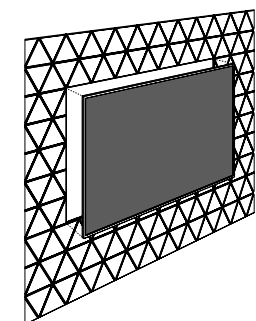
SOCKET

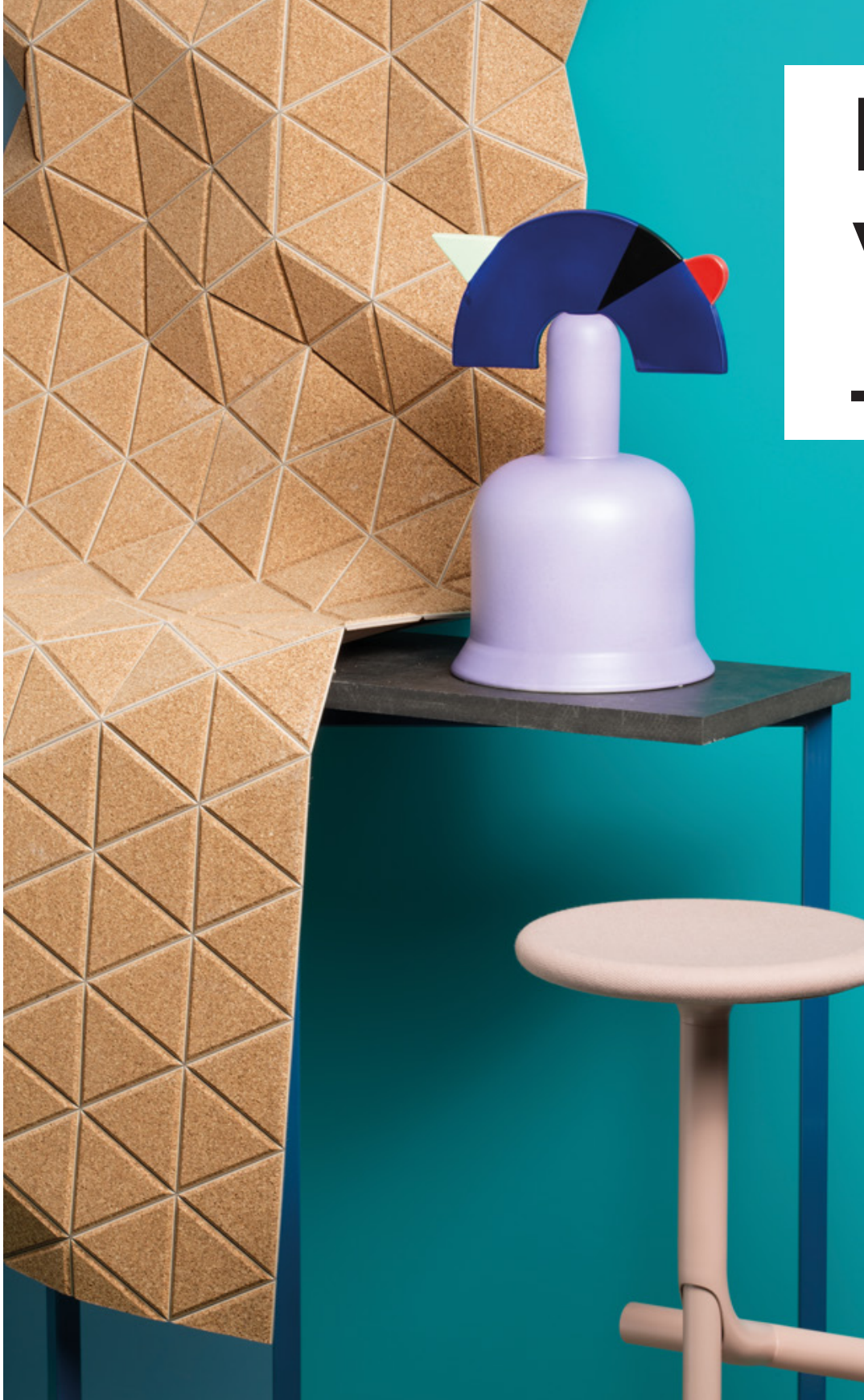


SPRINKLER



SCREEN





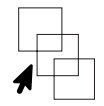
DISTINCTIVE VALUES

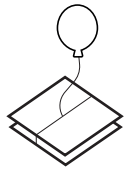

NO BACK
STRUCTURE NEEDED

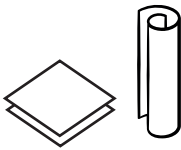

DRY ASSEMBLY
EASILY REMOVABLE


HIGH ACOUSTIC
PERFORMANCE


ULTRA-THIN

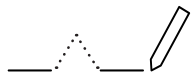

WIDE SELECTION OF MATERIALS,
FINISHES AND PATTERNS


LIGHTWEIGHT

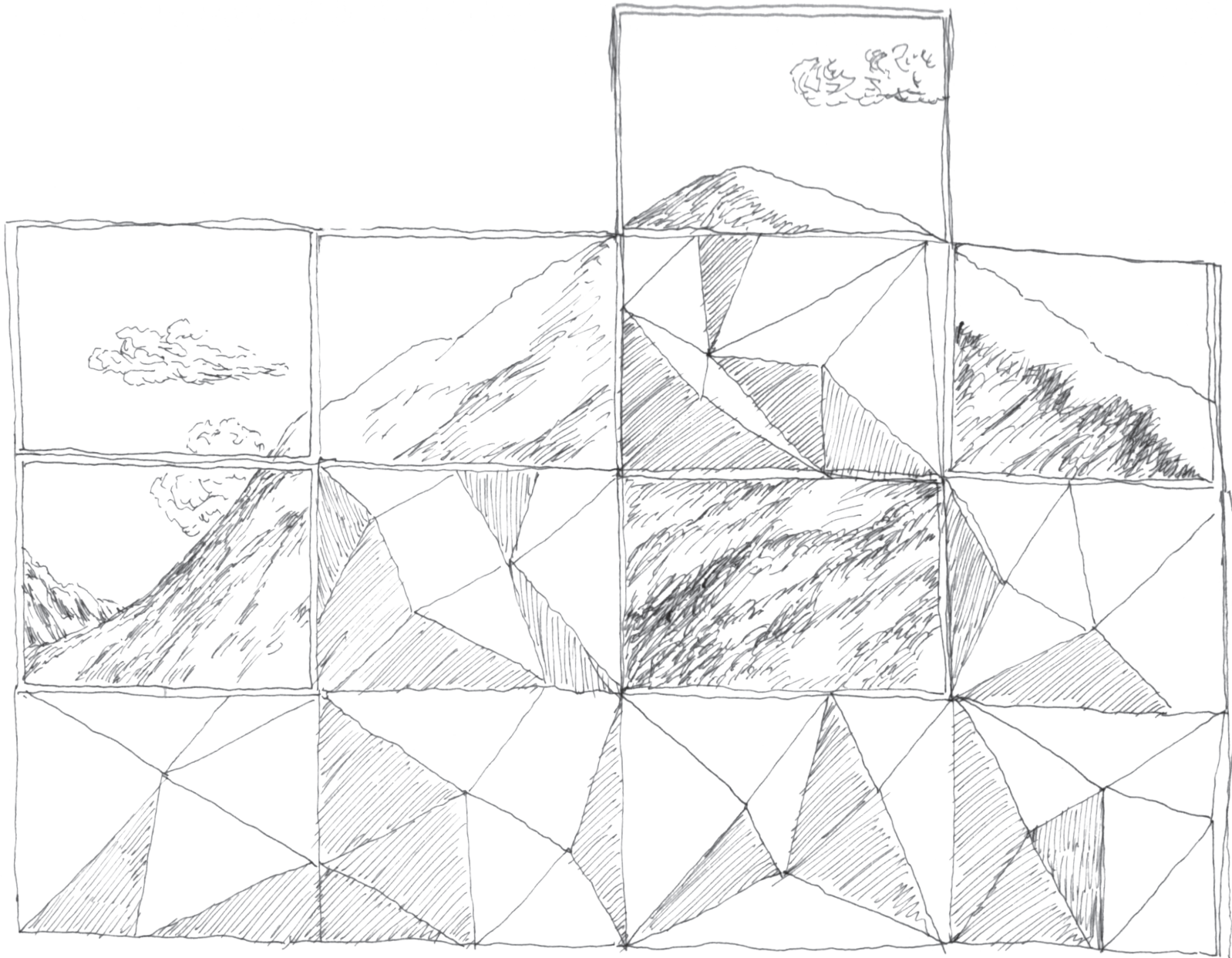

FLAT OR ROLLED
SHIPPING


MOLD AND
CAST FREE


FREE-FORM
SHAPES


HIGHLY
CUSTOMIZABLE

| Mesh Sheets - Classic A Pattern - Cork
| Baykal Vase by Memphis Milano
| Table by M.E.T.A
| Tibu stool by Magis



ACOUSTIC 3D PANELS

FOLD
PANELS

Fold Panels are 3D panels with intriguing geometries, built inside a rectangular module. Fold Panels are uniquely suited to transform a space with the colors and configurations that best fit the project's overall vision. They can also be sound-absorbing.

| Fold Panels - Rectangular frame - Cork and okumè wood
| Elda lamp by Artplayfactory
| Arcos chair by Arper
| Origin chair by Novamobili
| Carpet Roquebrune collection by Carpet Edition





| Fold Panels - Rectangular frame - Ultra-thin wood reconstituted wood
| Flowerpot - Basic A Pattern - Metallic laminate on MDF



| Fold Panels - Rectangular frame - Synthetic felt



| Fold Panels - Rectangular frame - Ultra-thin wood reconstituted wood
| Saari sofa - Arper



| Fold Panels - Rectangular frame - Synthetic felt
| Catifa Up chair by Arper
| Yop table by Arper

DESIGN

EASY TO INSTALL • FLAT SHIPPING • CUSTOM CONFIGURATION

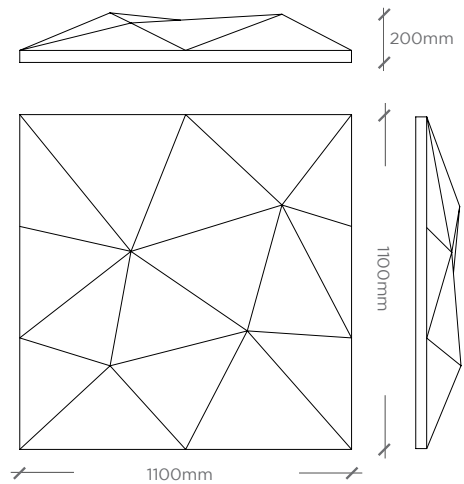
FOLD PANELS



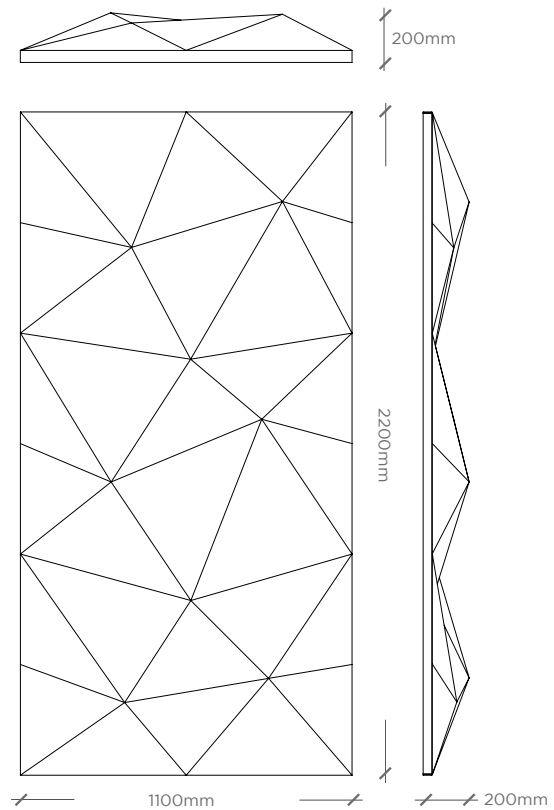
| Synthetic felt - Ultra-thin reconstituted wood

AVAILABLE PATTERN DIMENSIONS

S



L



AVAILABLE MATERIALS

-  BIRCH PLYWOOD
-  OKUMÈ
-  MDF COLOR
-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD
-  SYNTHETIC FELT

-  BIRCH PLYWOOD
-  OKUMÈ
-  MDF COLOR
-  LAMINATE
-  ULTRA-THIN RECONSTITUTED WOOD
-  SYNTHETIC FELT



| Aluminum



| Ultra-thin reconstituted wood | Synthetic felt

A close-up photograph of a wooden panel with a complex, faceted geometric pattern. The wood is a warm, medium-brown tone with visible grain. The panel is composed of several large, angular sections that meet at sharp points, creating a star-like or crystalline structure. The lighting is soft, highlighting the texture and the precision of the joints.

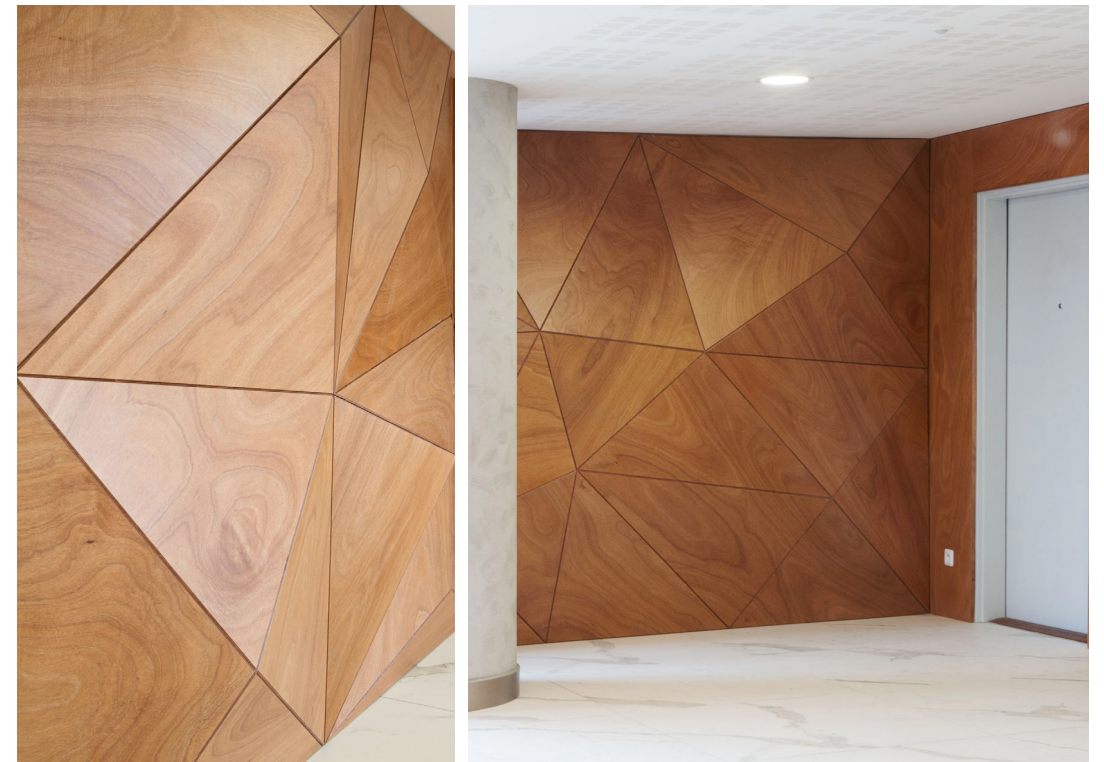
SELECTED REFERENCES

| Fold Panel - Varnished okumè
Valmy hall, Paris, France



**VALMY
HALL
PARIS, FRANCE**

**MATERIAL AND
FINISH**
Varnished okumè



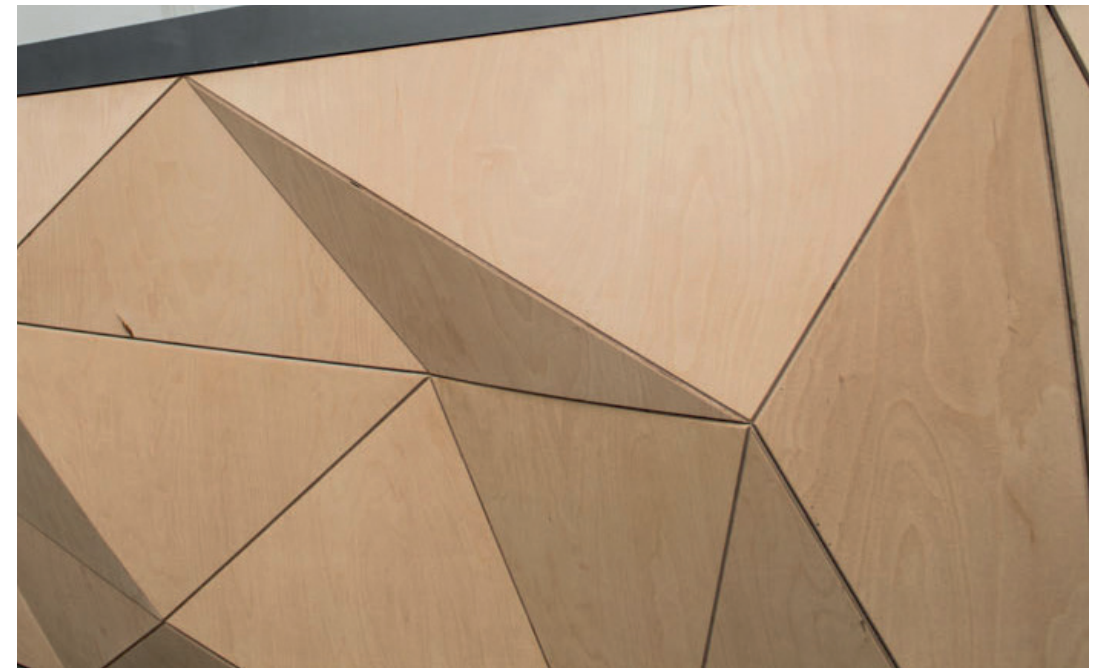
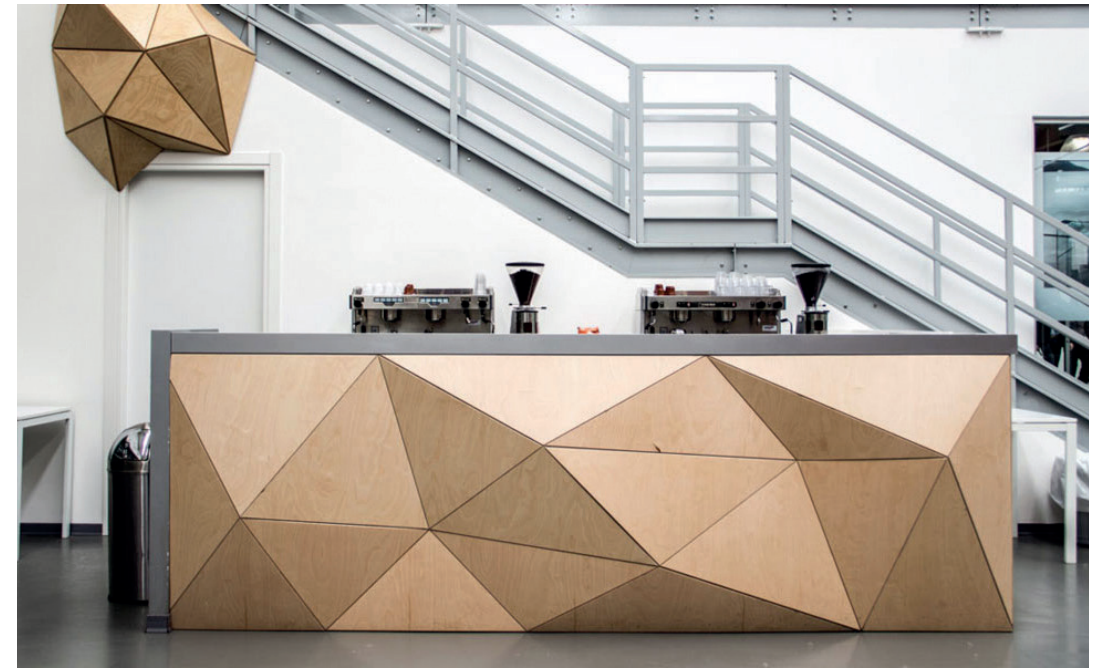
The warmth of fully customized wooden Fold Panels contrasts with the brutalist aesthetic of concrete columns to create this vibrant space in Paris, France. Floor-to-ceiling panels with precise boundaries perfectly fit into the existing space thanks to the aluminum frame system on the back of each panel that makes installation quick and easy. The effect of a complex, continuous surface without the need for a complex structure: therein lies the magic of the WOOD-SKIN® process.



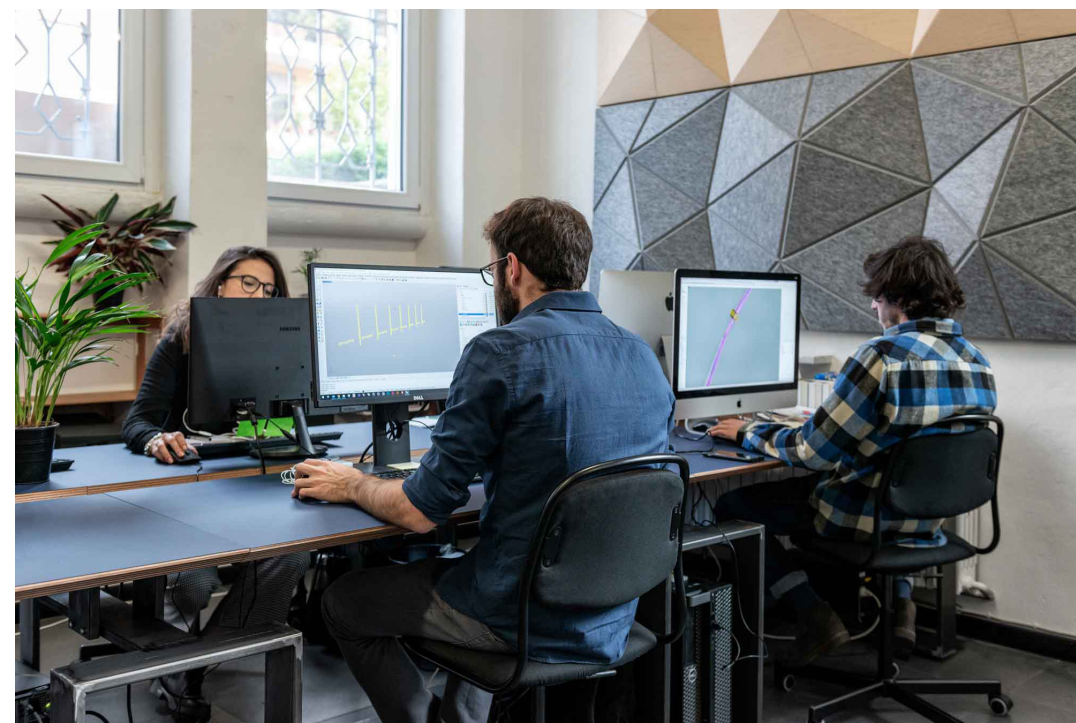
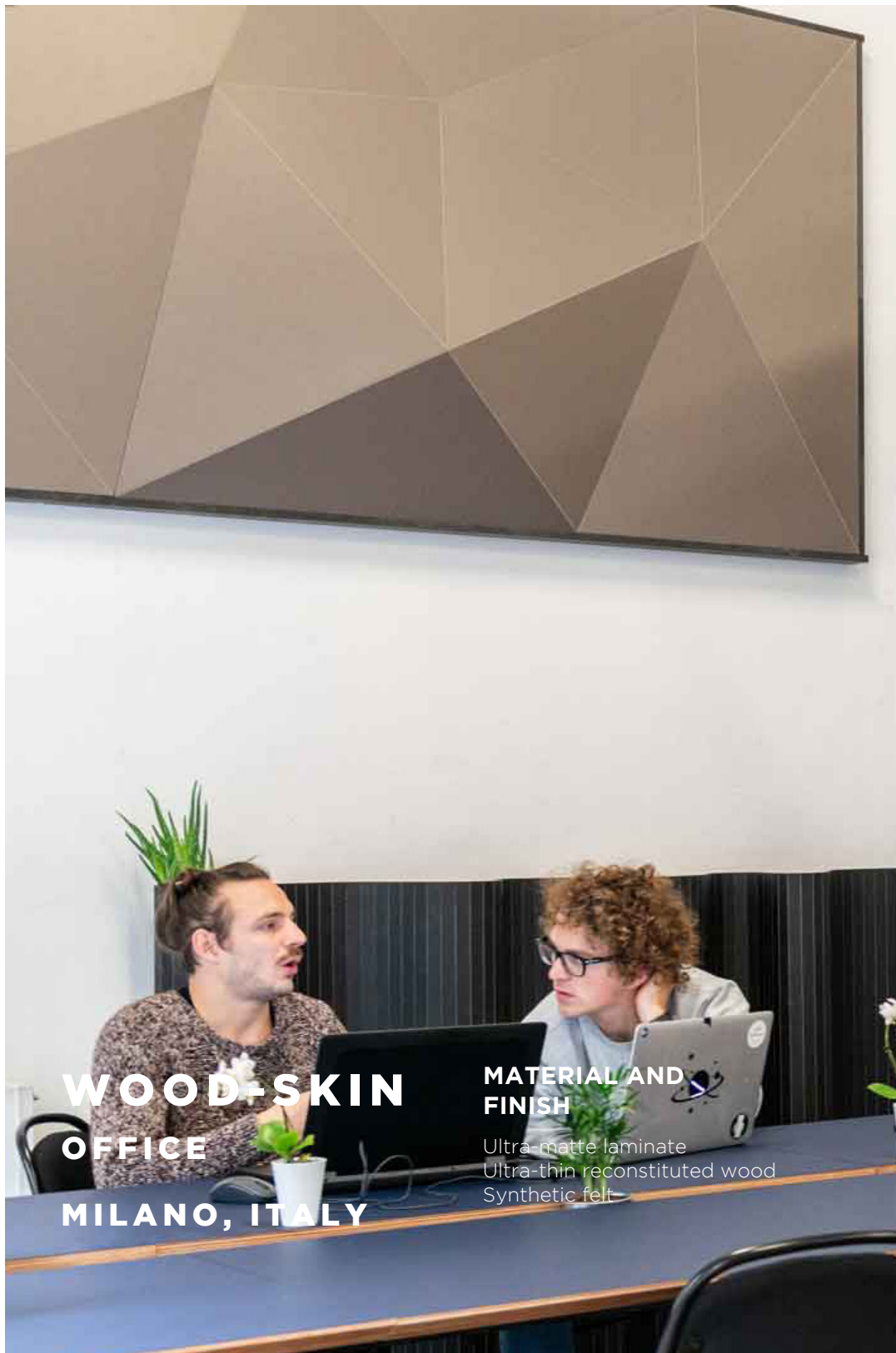
FOLD PANELS

BIESSE
HEADQUARTERS
PESARO, ITALY

MATERIAL AND FINISH
 Varnished birch plywood



Biesse, the world's leading manufacturer of CNC machines, decided to do a restyling of its showroom in Pesaro. They found in WOOD-SKIN the perfect company and the perfect material to express their quest for innovative solutions and applications for the digital production processes that stand at the vanguard of the Fourth Industrial Revolution currently underway.





ADDITIONAL CUSTOMIZATIONS

| Custom Fold Panels
Endemolshine, Sydney, Australia

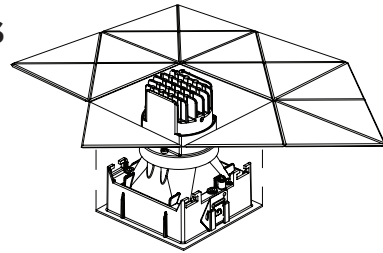
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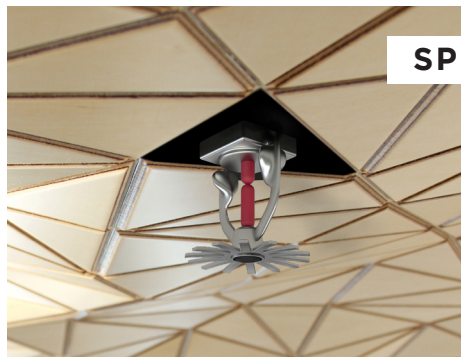
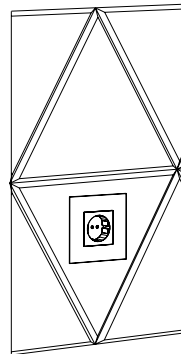
CUT-OUT



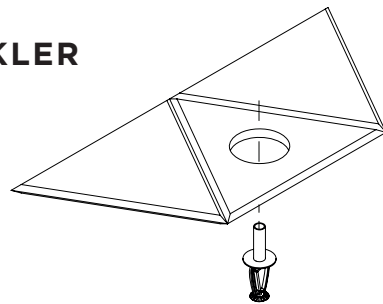
LIGHTS



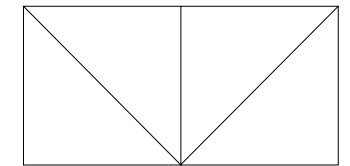
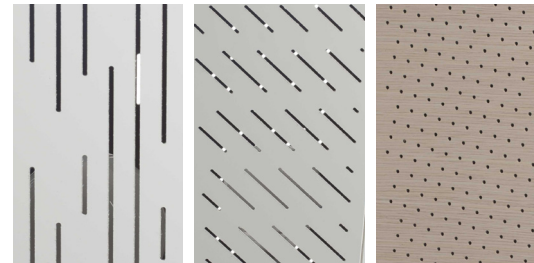
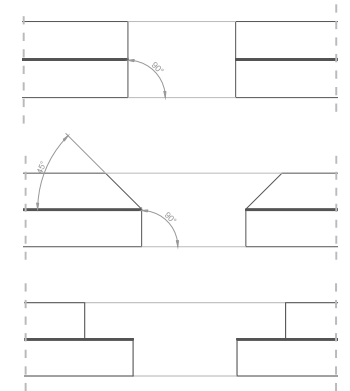
SOCKET



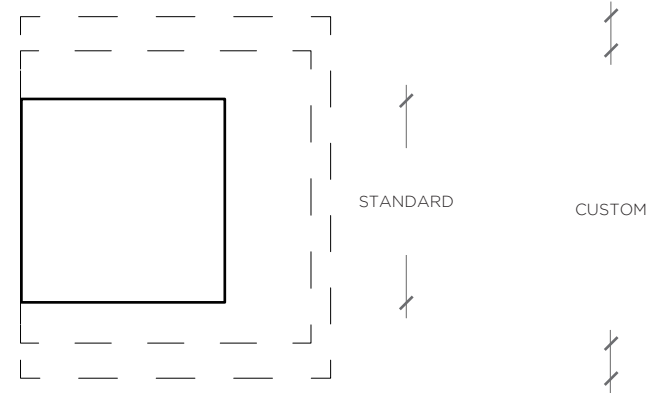
SPRINKLER

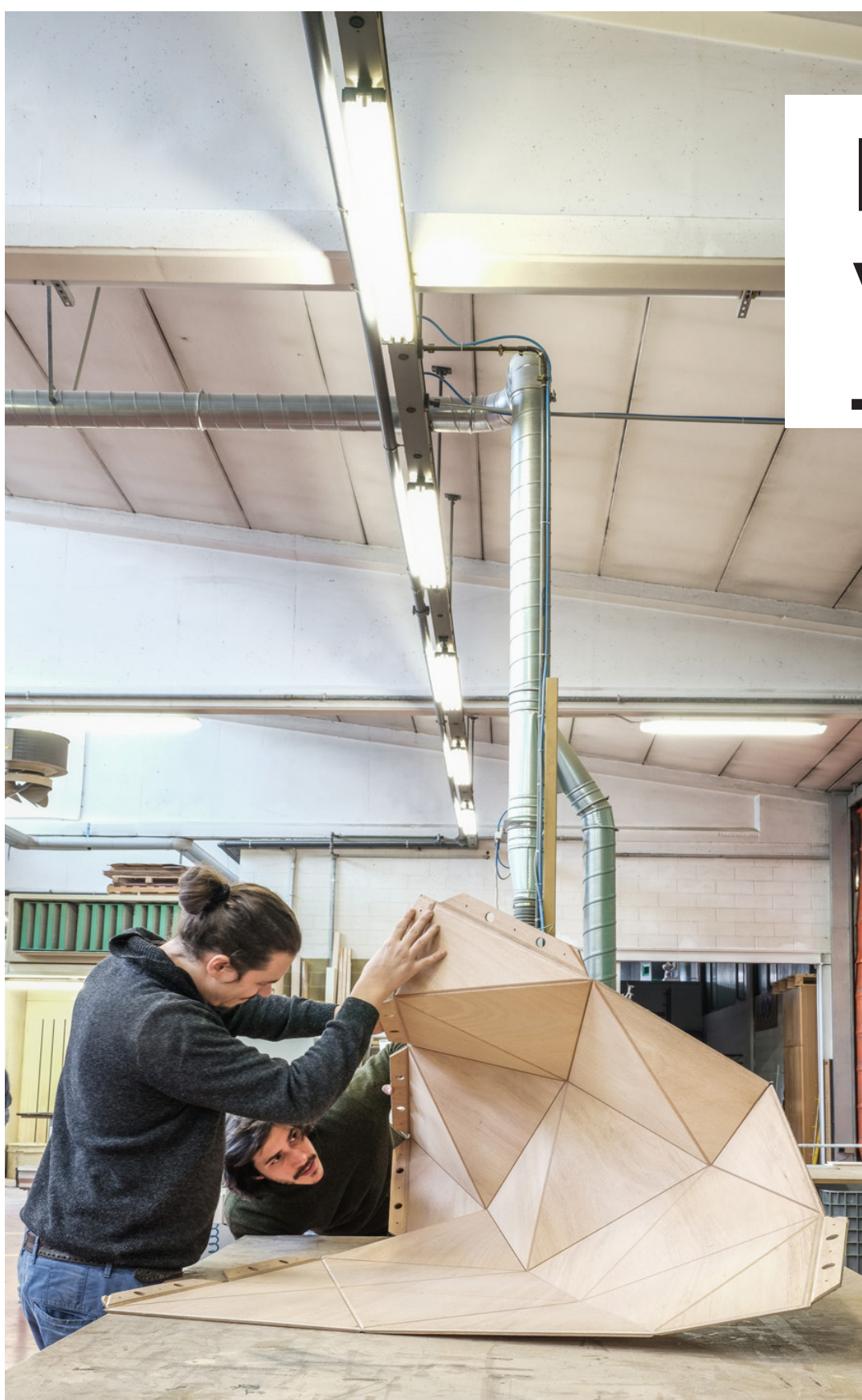


ACOUSTIC AND DECORATIVE PERFORATIONS

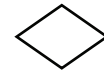


FRAME DIMENSIONS





DISTINCTIVE VALUES



FLAT SHIPPING



HIGHLY CUSTOMIZABLE



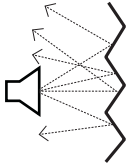
EASY TO INSTALL



NO BACK STRUCTURE
NEEDED



LIGHTWEIGHT
HOLLOW SHELL



HIGH ACOUSTIC
PERFORMANCES



WIDE SELECTION OF MATERIALS,
FINISHES AND PATTERNS

TAILOR MADE

SERVICE

WOOD-SKIN Tailor Made surfaces are unique bespoke products created for specific projects





TURN YOUR IDEAS INTO REALITY

Our architectural and design team has years of experience working with top firms on international projects, and there's nothing that excites us more than the challenge of engineering intricate shapes, designing custom details, and devising solutions to 'impossible' problems.

For particularly complex projects, our people are on hand to oversee the installation, whether in Italy or abroad.

Thanks to WOOD-SKIN®'s proprietary design software and programmable manufacturing process, the most expensive and time-consuming aspects of customization are significantly reduced.



BORGO MOLINO
WINERY
RONCADELLE, ITALY

MATERIAL AND FINISH

Ultra thin reconstituted wood

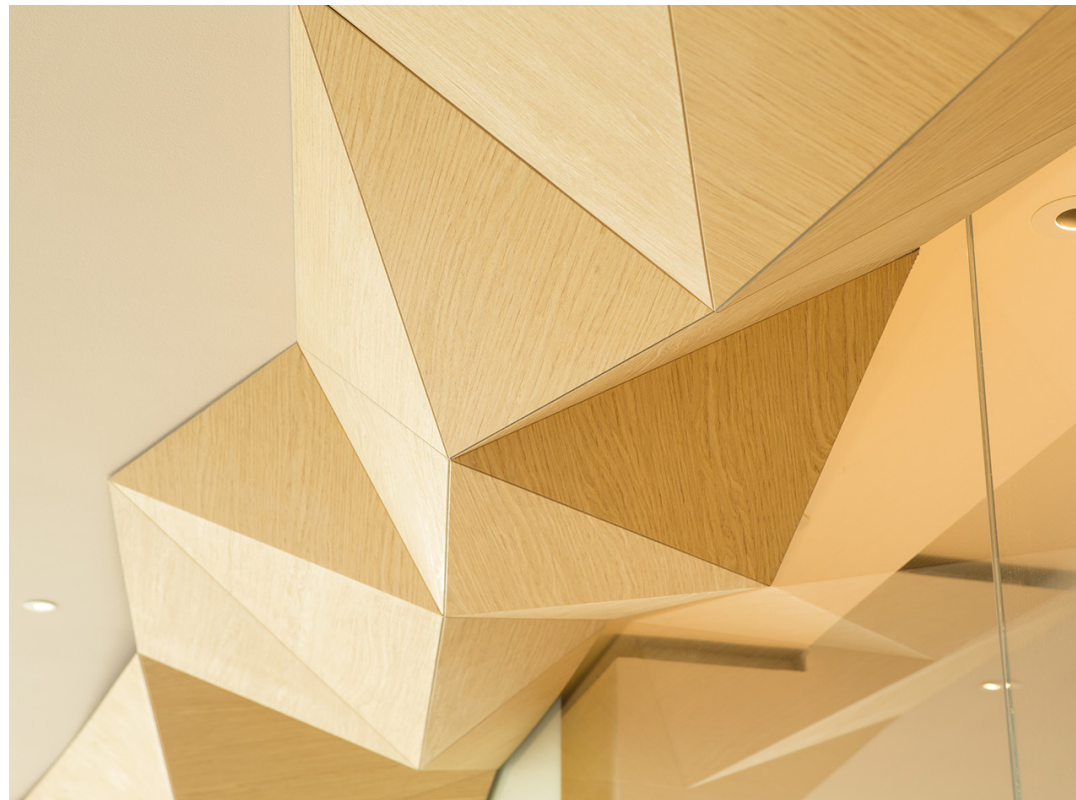


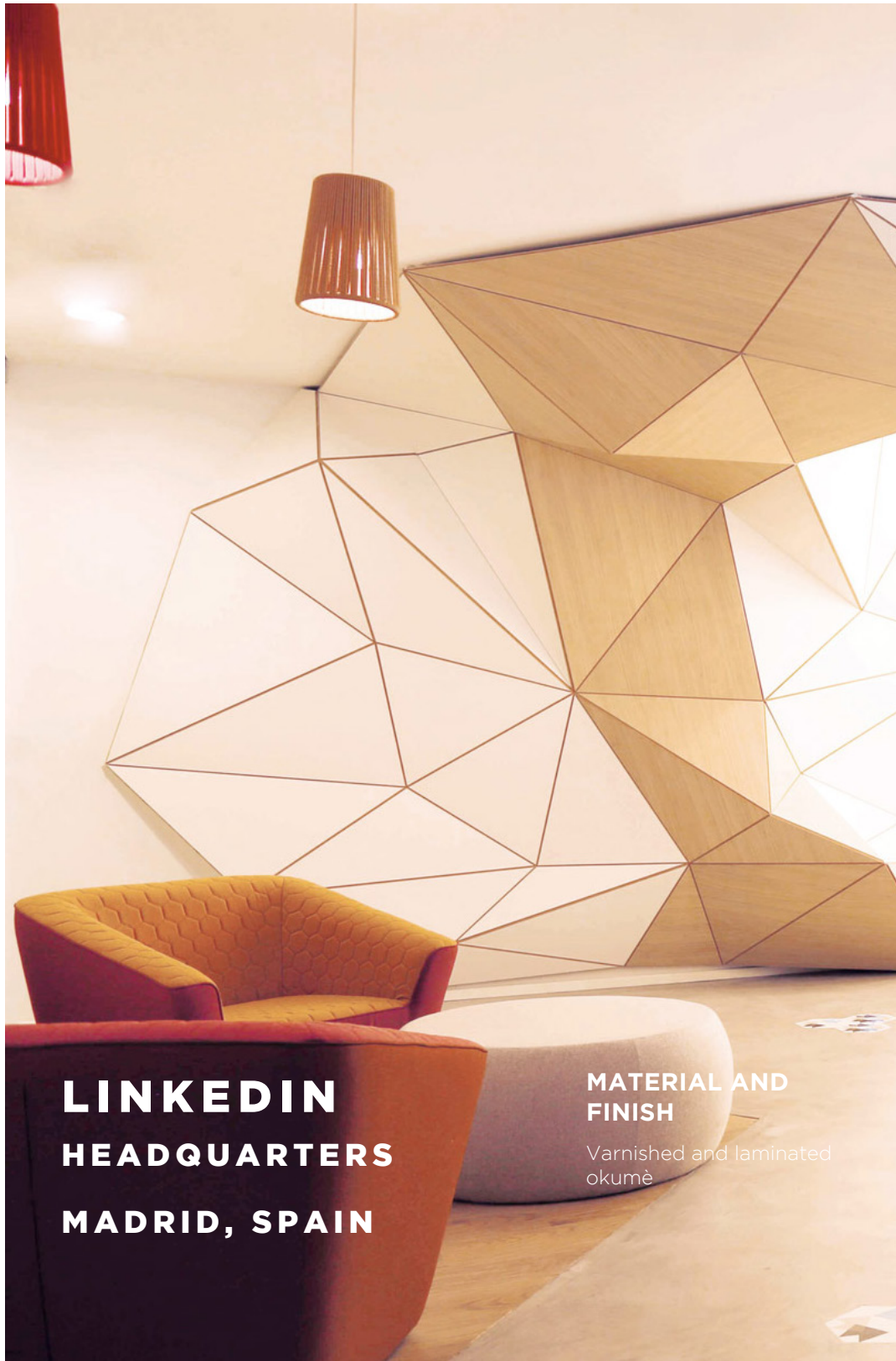
This beautiful lounge bar is on the third floor of the brand-new Borgo Molino headquarters. A special place where visitors can look out across the historic vineyard while enjoying the cuisine of the Veneto region and the famous wine of Borgo Molino. We developed a unique 3D cladding to define the bar and kitchen areas, covering both vertical and horizontal surfaces to frame the large panoramic window.

A custom ultra-thin wood veneer composite was created for this project, giving the space a light, refreshing atmosphere, in keeping with the premium prosecco produced and served there.



TAILOR MADE





**LINKEDIN
HEADQUARTERS
MADRID, SPAIN**

**MATERIAL AND
FINISH**

Varnished and laminated
okumè



For this project, WOOD-SKIN created an ambitious smart wall that breaks free from its verticality to become a suspended ceiling above and a reception desk below.

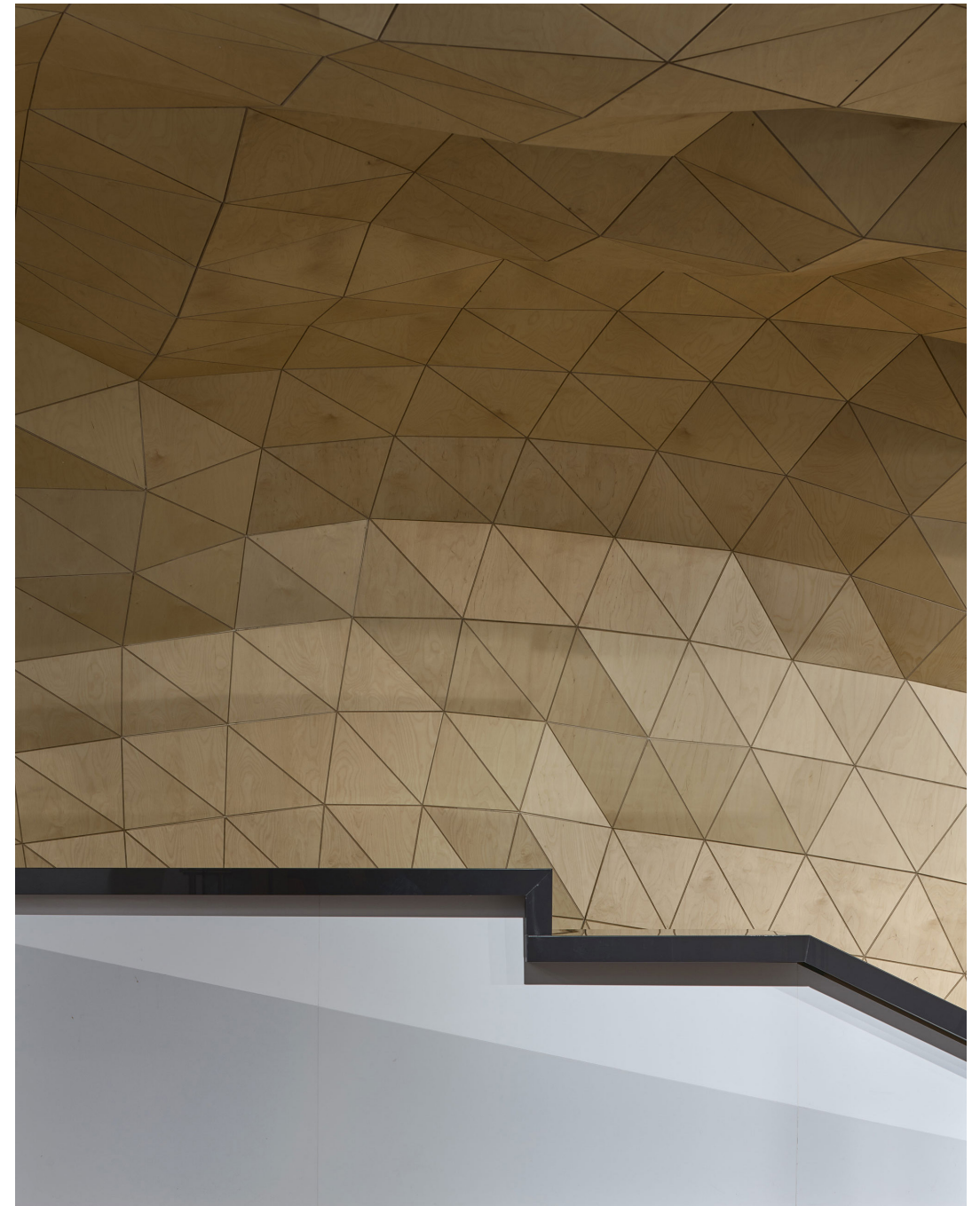
The Italian architectural studio Il Prisma, starting from the concept of 'the working solar system', chose to partner with WOOD-SKIN to renovate the Madrid headquarters of the web-based networking giant, LinkedIn. The geometric pattern was custom designed to work together with LinkedIn's special interactive video wall, resulting in an ultra-contemporary reception area, built by one cutting-edge company for another.



**THE MET
SPORT CLUB
HOUSTON, USA**

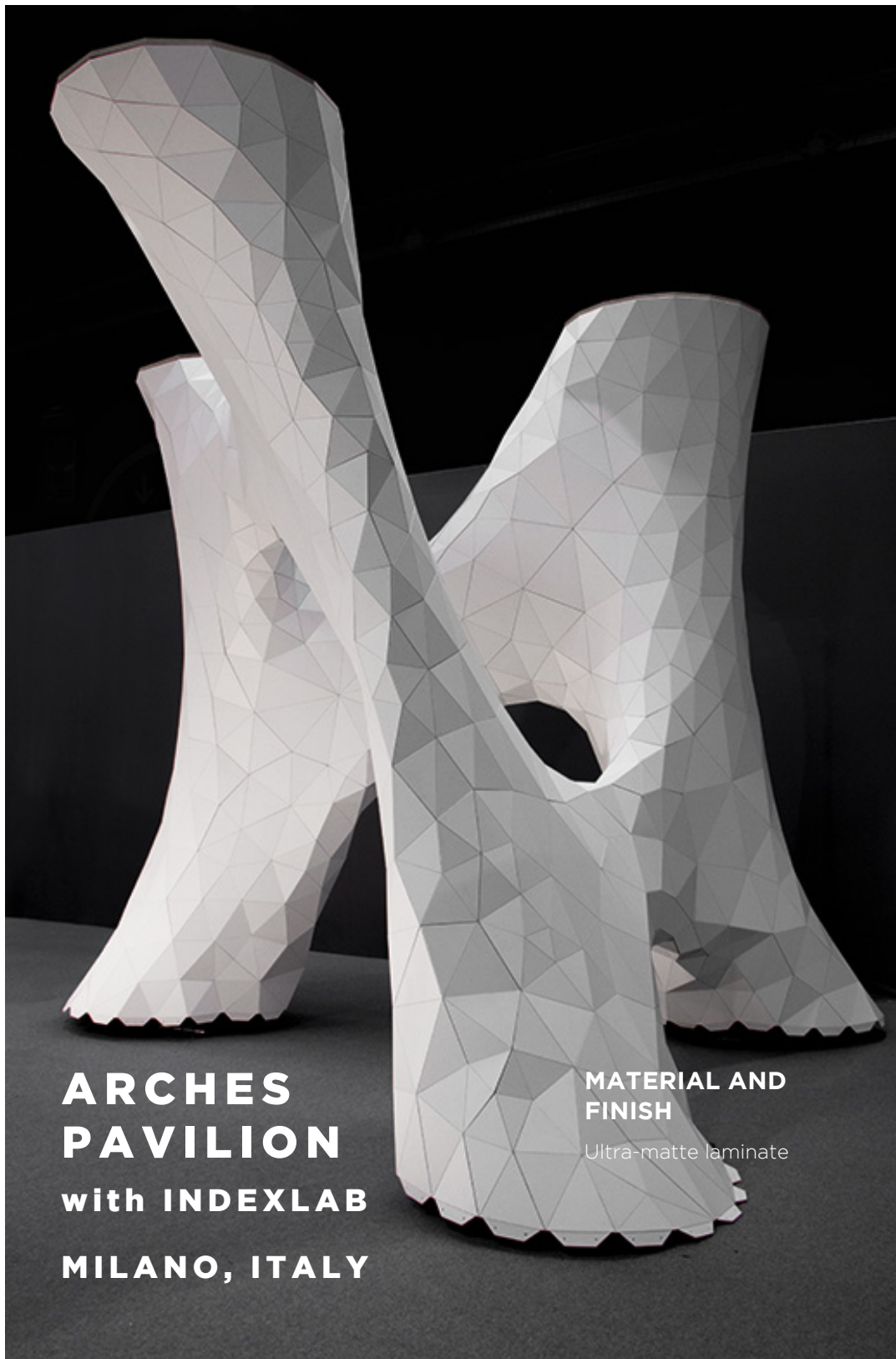
**MATERIAL AND
FINISH**

Varnished and laminated
okumè



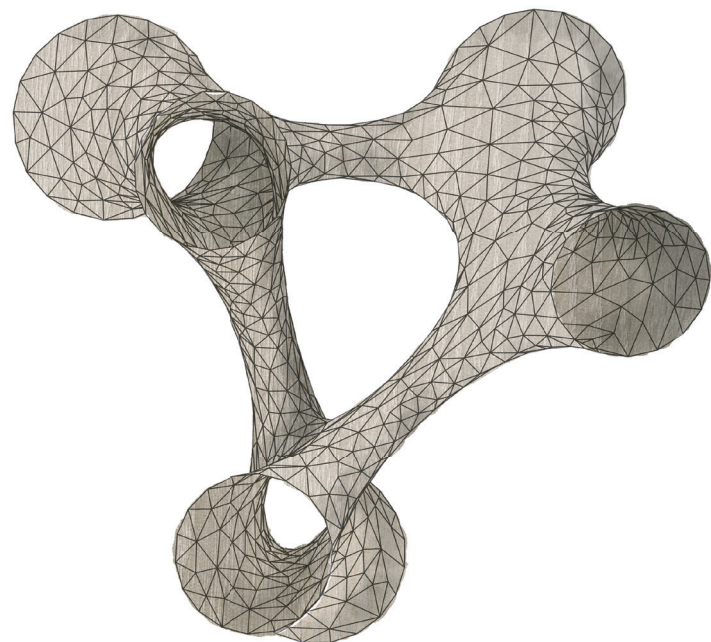
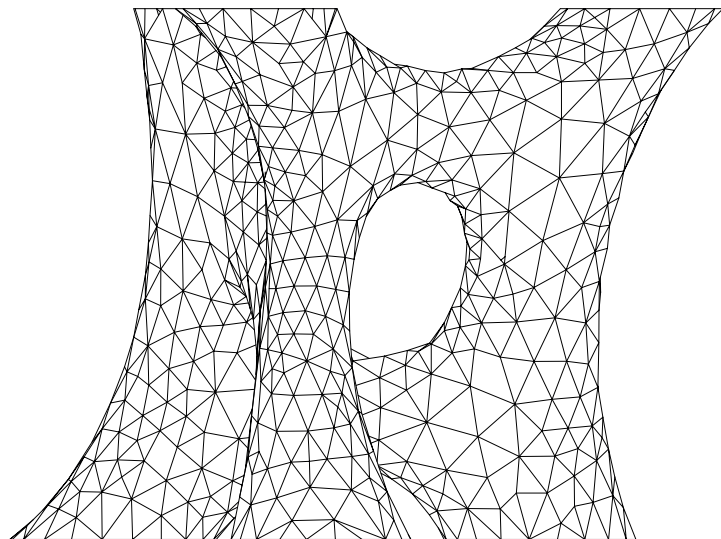
For this exclusive club, WOOD-SKIN designed a wooden backdrop for the reception desk that flows up the wall and across the ceiling. The project was developed with the Houston-based firm, Gensler Design. Like an oversized flower petal, this tailor-made project is harmoniously integrated into the surrounding space, creating a natural alcove.

TAILOR MADE

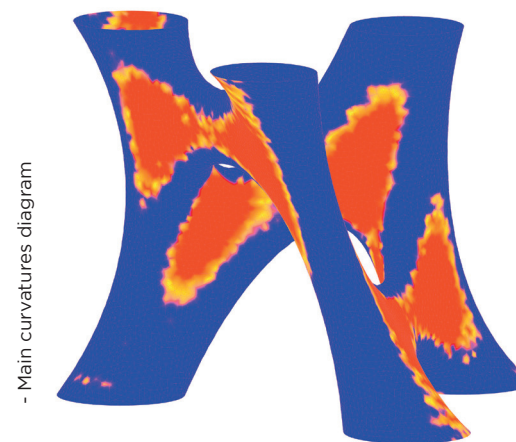
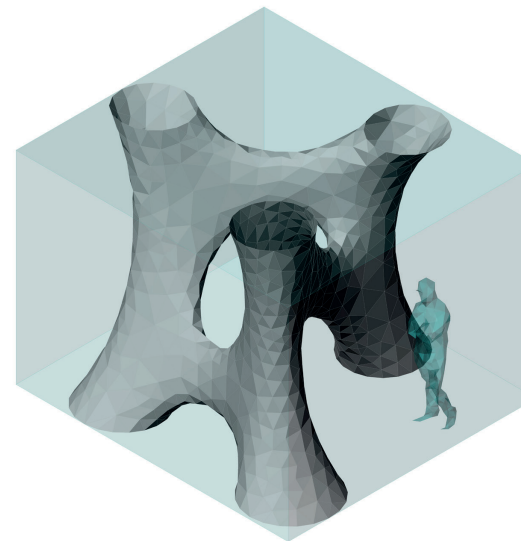


INSIDE LOOK





Thanks to the experience of INDEXLAB in computational design and algorithmic modeling, we were able to develop new generative algorithms capable of simulating curved surfaces using flat geometries. The Arches Pavilion, three meters high with a footprint of about four meters, is made up of 202 different two-dimensional WOOD-SKIN elements, which were assembled directly on site with hidden bolted connections.



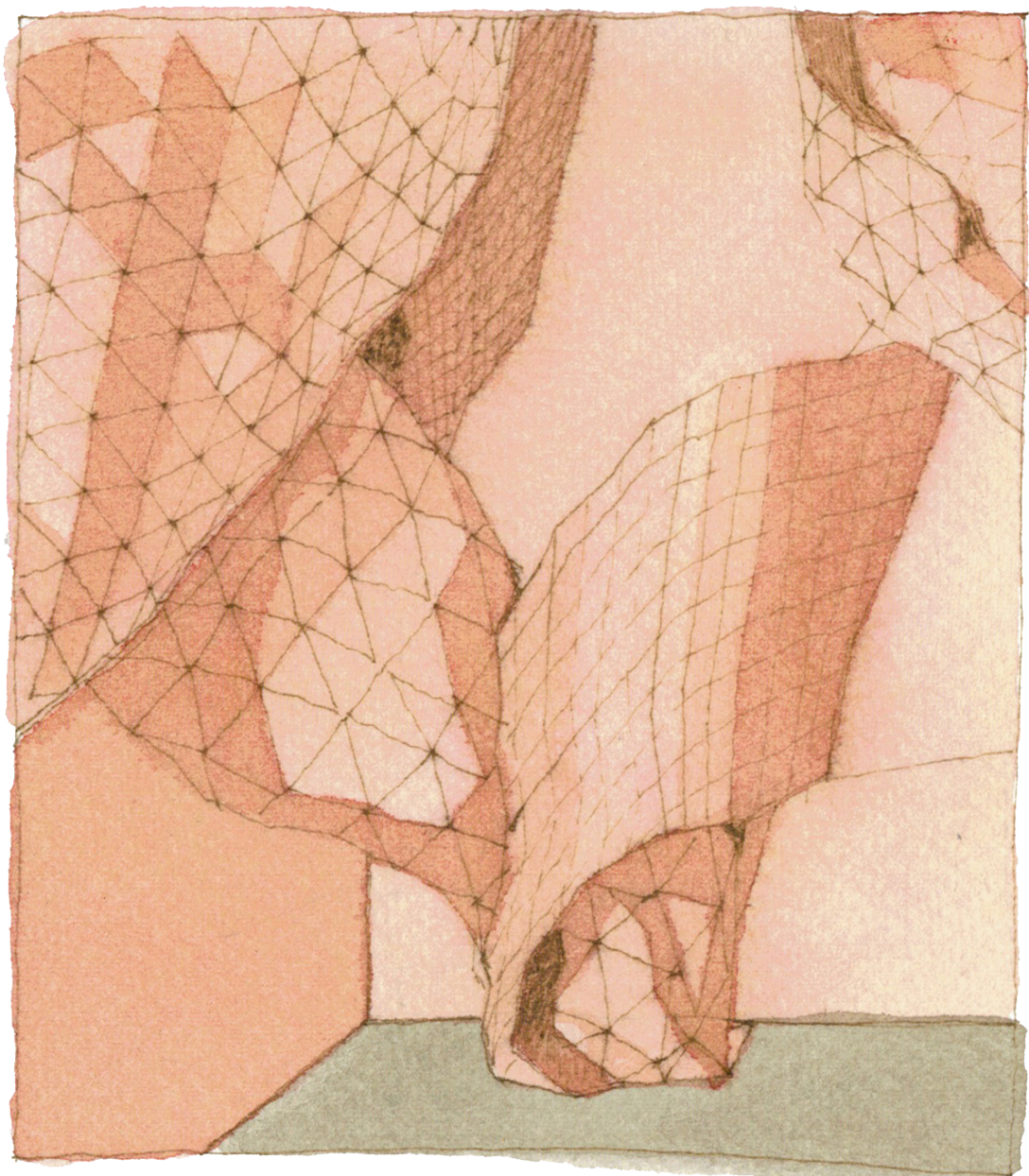
- Main curvatures diagram



- Discretization diagram

This project was a major challenge in terms of both the complexity of the geometry and the scale of the free-standing structure itself.

The pavilion is composed of three vertical elements, curvilinear columns that merge together into a single object. The visual and spatial perception changes with the observation point, inviting the visitor to a 360-degree exploration. Besides being an innovative solution for 3D walls, suspended ceilings, and furnishing elements, WOOD-SKIN can also be used to create formwork panels for poured reinforced concrete, opening up a new world of possibilities for the design and construction of both load-bearing and decorative elements.



MATERIALS

—

● OKUMÈ



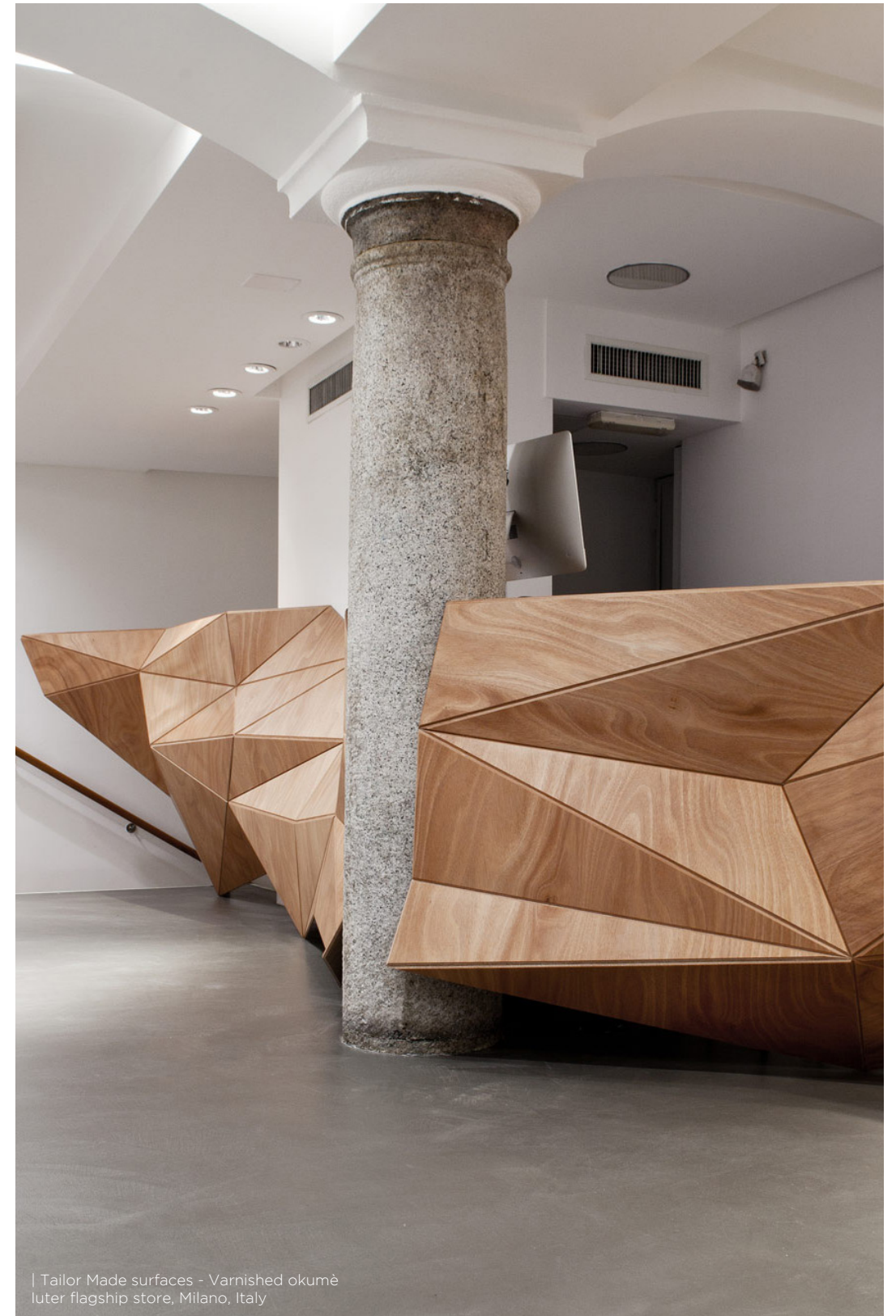
CHARACTERISTICS

- High-quality marine plywood
- Lightweight
- Warm hue
- Dimensionally stable and resistant to moisture
- Thickness: 4 | 6 mm

AVAILABLE FINISHES

- LAMINATE
- VARNISH

We work with hundreds of colors from different suppliers. Contact us for information at: info@wood-skin.com



| Tailor Made surfaces - Varnished okumè
luter flagship store, Milano, Italy

● BIRCH PLYWOOD



CHARACTERISTICS

- High quality
- Strong
- High density
- Light colors
- Thickness: 4 | 6 mm

AVAILABLE FINISHES

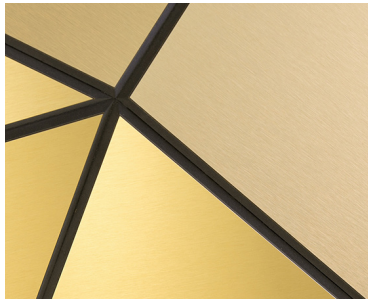
- LAMINATE
- VARNISH

We work with hundreds of colors from different suppliers. Contact us for information at: info@wood-skin.com



| Mesh Sheets - Varnished birch with black inlays
Lebkov&Sons, Amsterdam, Netherlands

● MDF COLOR



CHARACTERISTICS

- Uniform color
- Perfect edges
- Matte finish
- Thickness: 5mm

AVAILABLE COLORS AND FINISHES

- LAMINATE
- VARNISH

We work with hundreds of colors from different suppliers. Contact us for information at: info@wood-skin.com



| Tailor Made Surfaces - Laminated MDF
M&C Saatchi, Milano, Italy

● LAMINATE

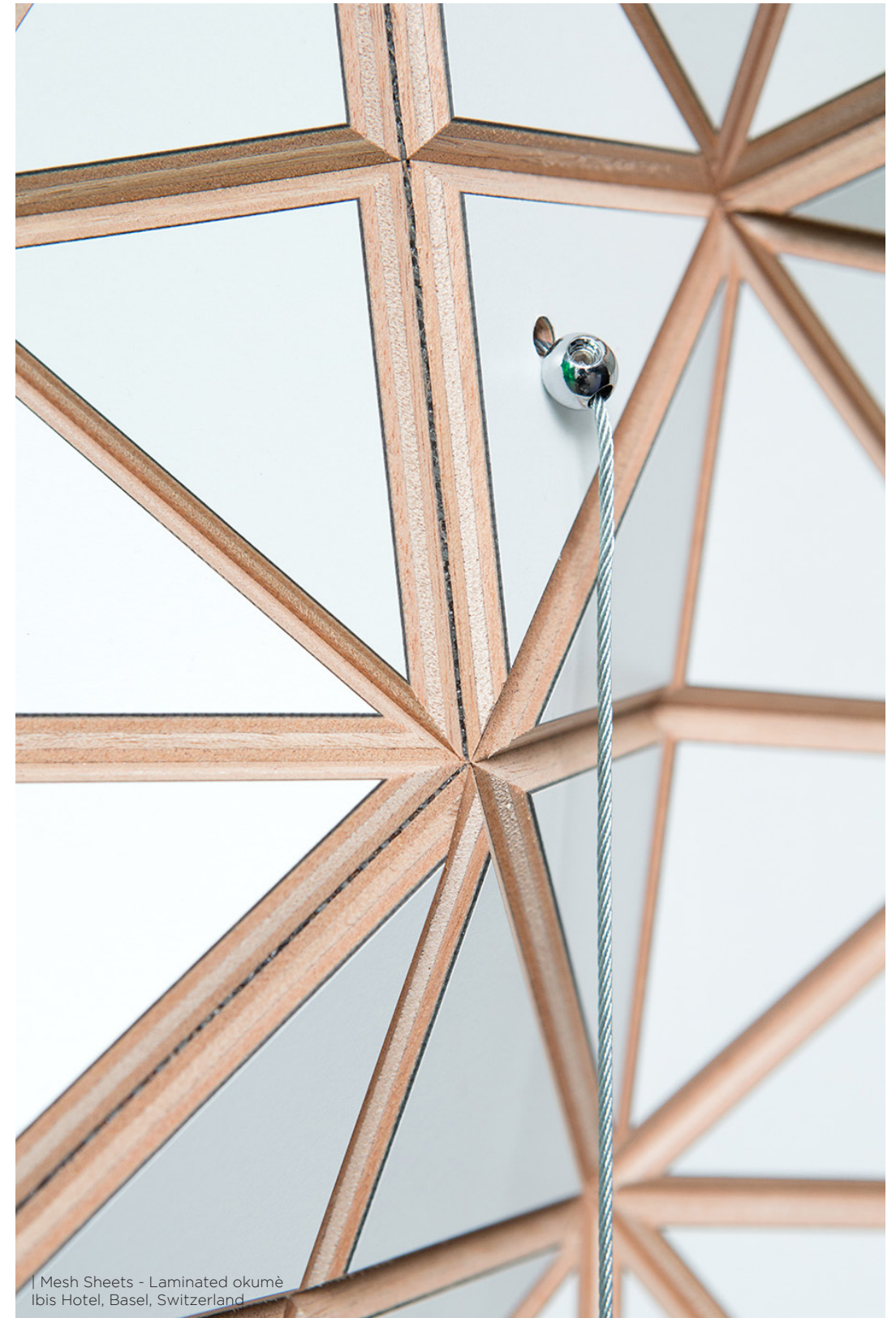


CHARACTERISTICS

- High-end finish
- Ultra thin material
- Matte or glossy finish
- Thickness: 1.2mm

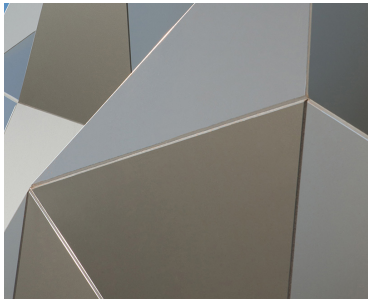
AVAILABLE COLORS

We work with hundreds of colors from different suppliers. Contact us for information at: info@wood-skin.com



| Mesh Sheets - Laminated okumé
Ibis Hotel, Basel, Switzerland

● ALUMINUM



CHARACTERISTICS

- Outdoor applications
- High resistance
- Thickness: 1.2mm

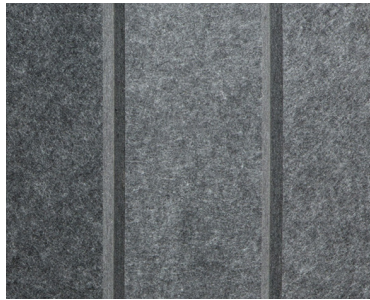
AVAILABLE COLORS

We work with hundreds of colors from different suppliers. Contact us for information at: info@wood-skin.com



| Tailor Made Surfaces - Aluminum
Post Office, Milano, Italy

● SYNTHETIC FELT



CHARACTERISTICS

- High acoustic performance - absorption
- Lightweight
- Easy to clean
- Thickness: 10mm

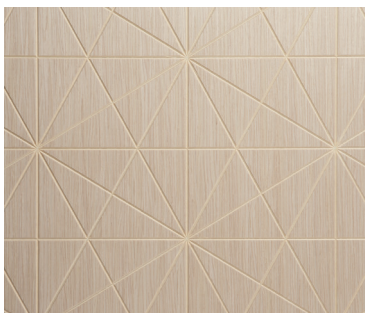
AVAILABLE COLORS

We work with hundreds of colors from different suppliers. Contact us for information at: info@wood-skin.com



| Fold Panels - Synthetic felt

● ULTRA THIN RECONSTITUTED WOOD



CHARACTERISTICS

- High-end finish
- Ultra thin material
- Real wood
- Thickness: 1,2mm

AVAILABLE COLORS

We work with hundreds of colors from different suppliers. Contact us for information at: info@wood-skin.com



| Tailor Made surfaces - Ultra-thin reconstituted wood
Borgo Molino winery, Roncadelle, Italy

CERTIFICATIONS

ACOUSTIC

UNI EN ISO 354

tested at Zeta Lab



ASTM C 423-17

tested at Zeta Lab



UNIAXIAL TENSILE TEST

UNI ISO EN 1421:2017

tested at Politecnico di Milano



MECHANICAL TEST - OPENING AND CLOSING CYCLES

Resistance to repeated opening and closing

tested at Catas



FIRE REACTION

ASTM E 84

USA

tested at Intertek



UNI EN 13501

EU

tested at CSI

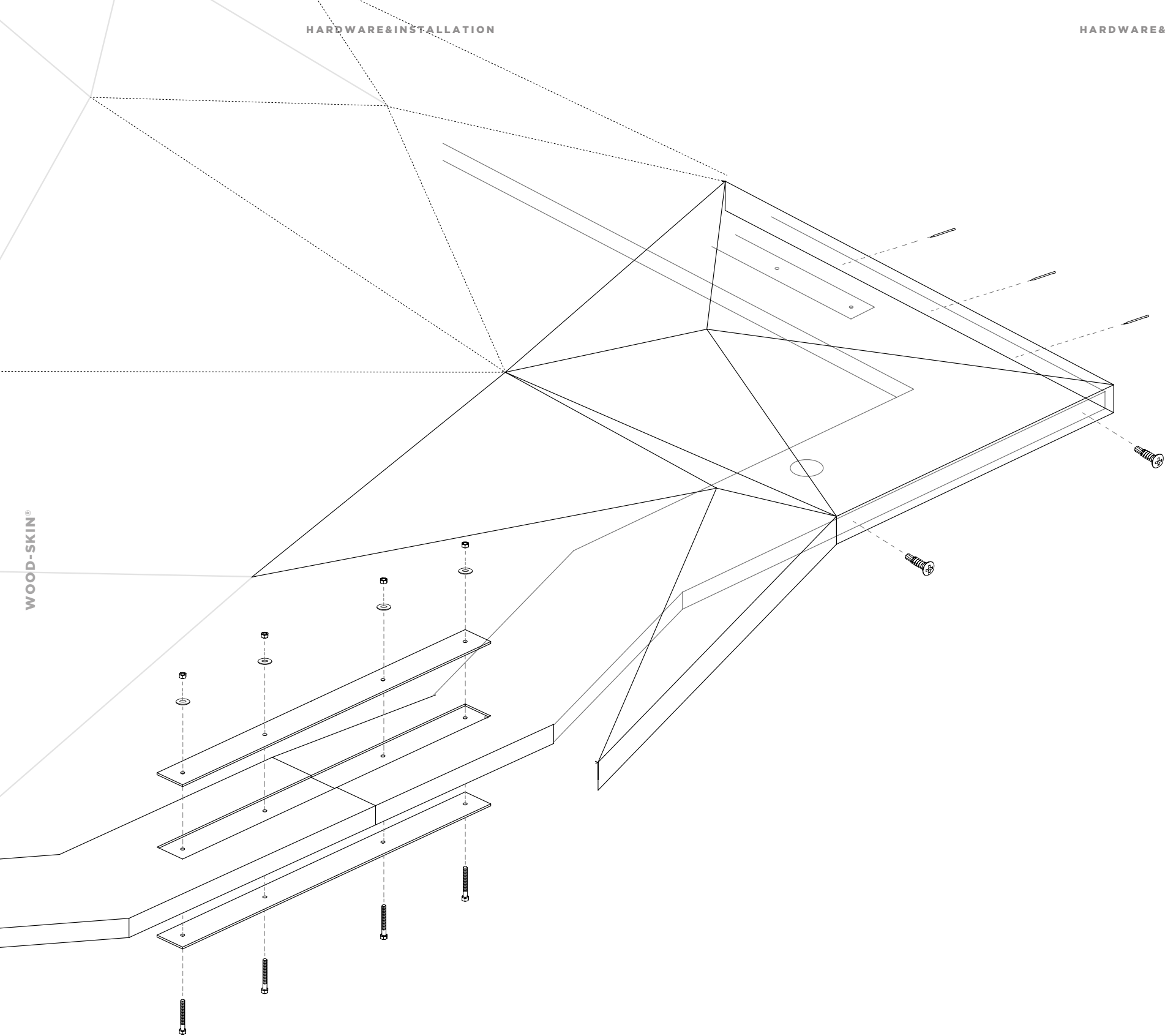


Fire reaction certifications available for Russian and English market

The illustrated certifications are subject to constant revisions and continuous research.

For any further information about certifications and material tests contact us at info@wood-skin.com

WOOD-SKIN®

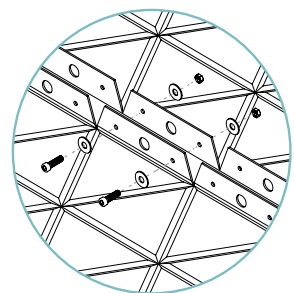
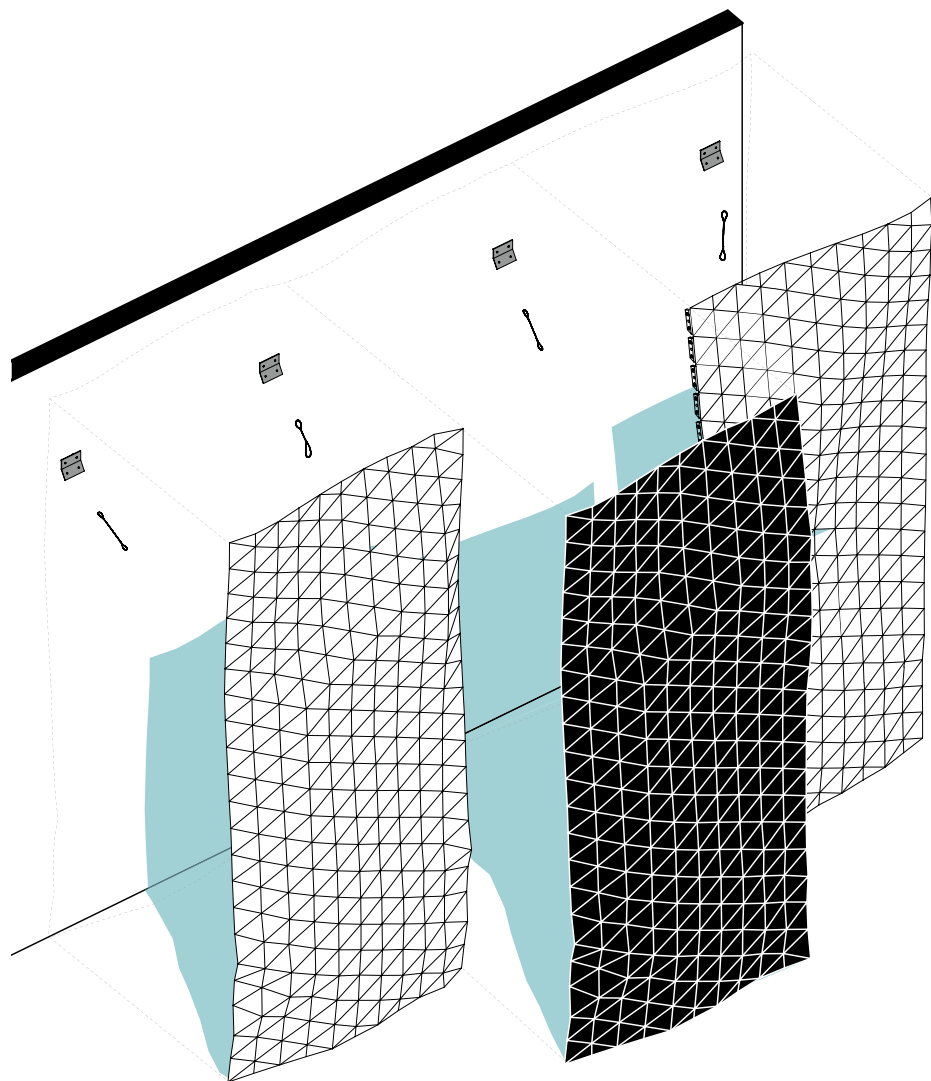


INSTALLATION GUIDELINES

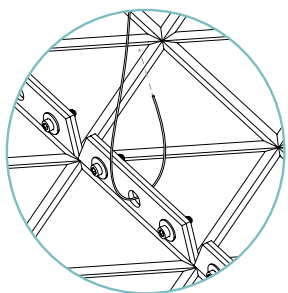


MESH SHEETS: WALL

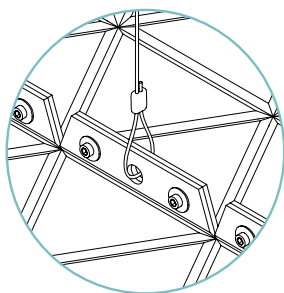
MESH SHEETS



WOODEN FLAPS

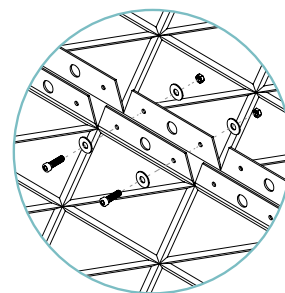
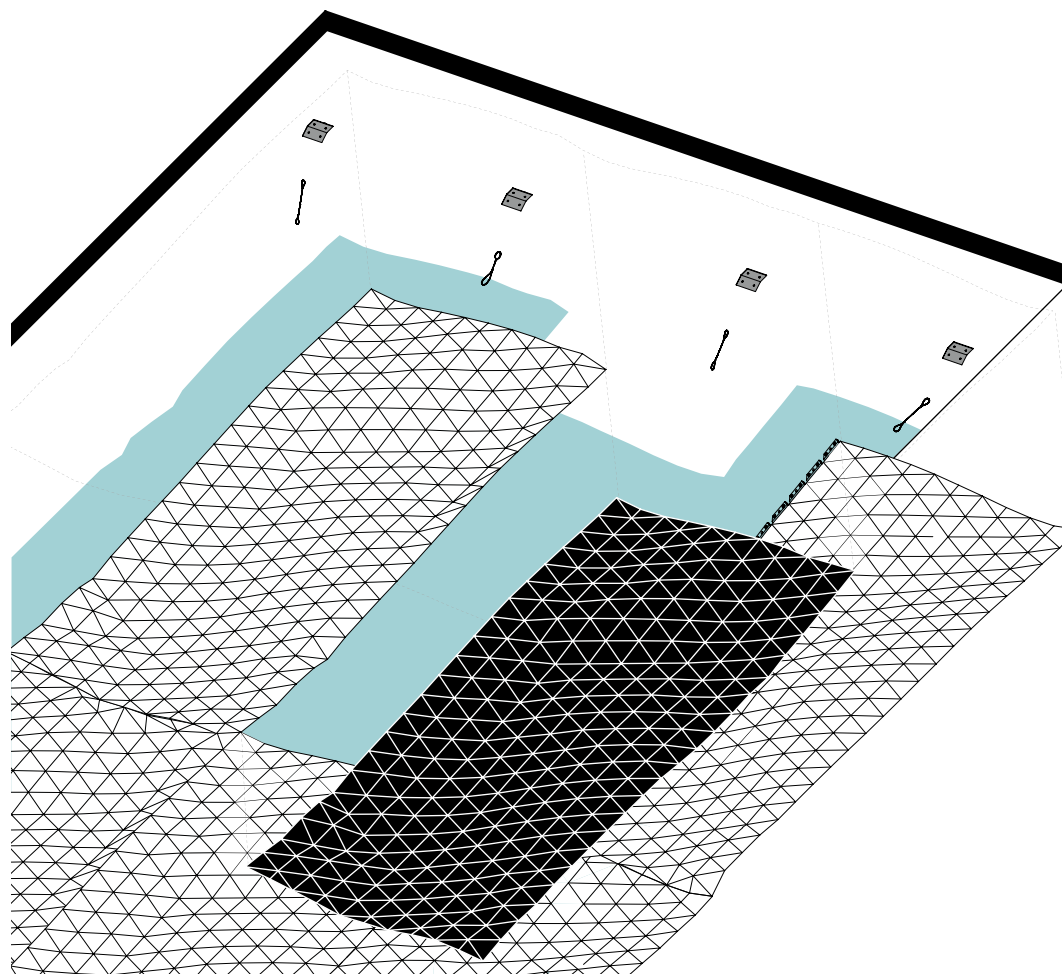


HANGING SYSTEM

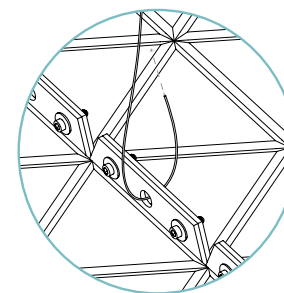


TENSIONING SYSTEM

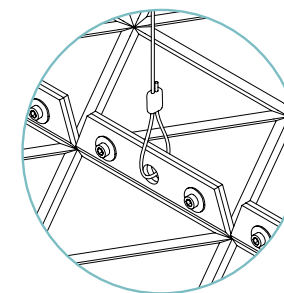
MESH SHEETS: CEILING



WOODEN FLAPS



HANGING SYSTEM

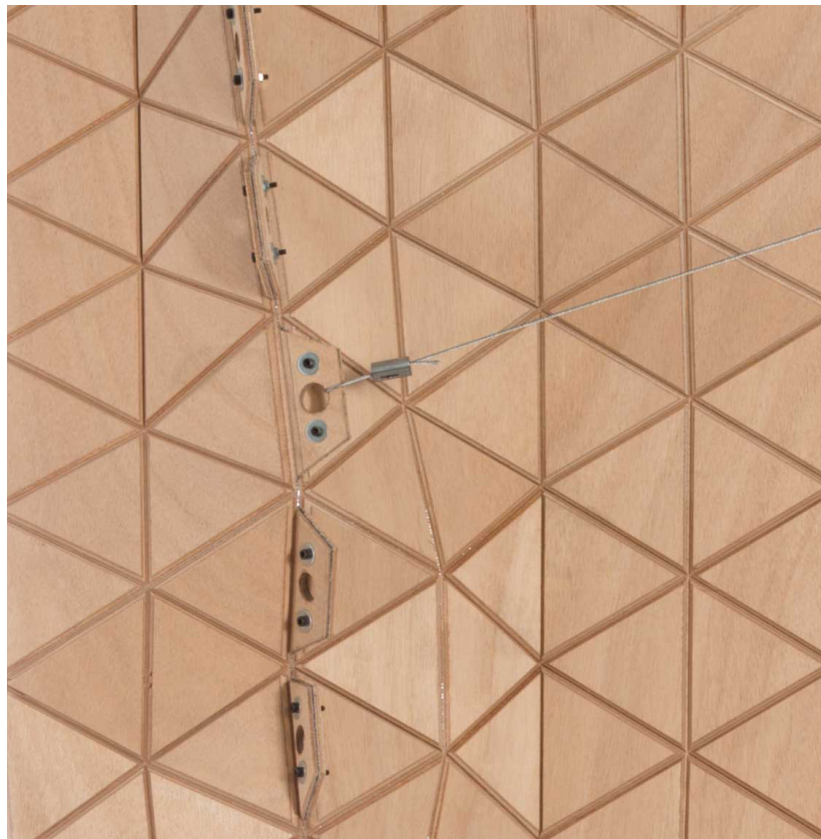


TENSIONING SYSTEM

The Mesh Sheets system requires only a few anchoring points.

The standard solution uses certified metal wires with a quick tensioning system to connect the wooden flaps on the WOOD-SKIN to the ceiling/wall.

Depending on the existing conditions, the wire is anchored either to a standard metal grid fixed to the slab or directly to the ceiling/wall.



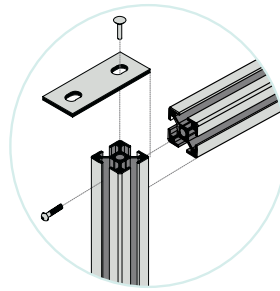
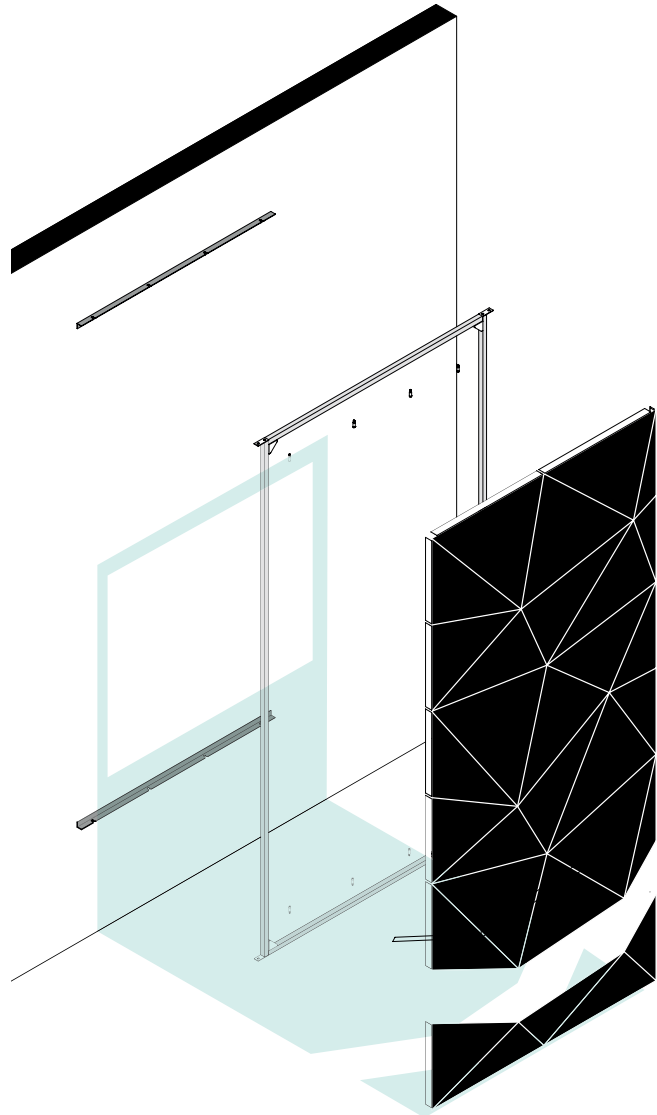
| Rear side detail



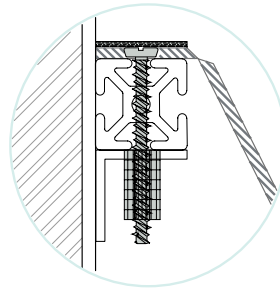
| Rear side

FOLD PANELS: WALL

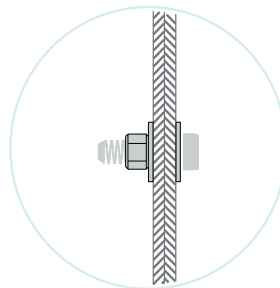
FOLD PANELS



FRAME SYSTEM

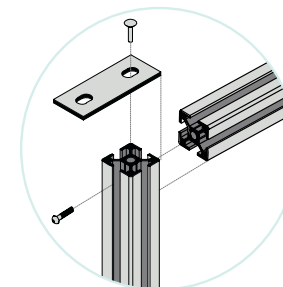
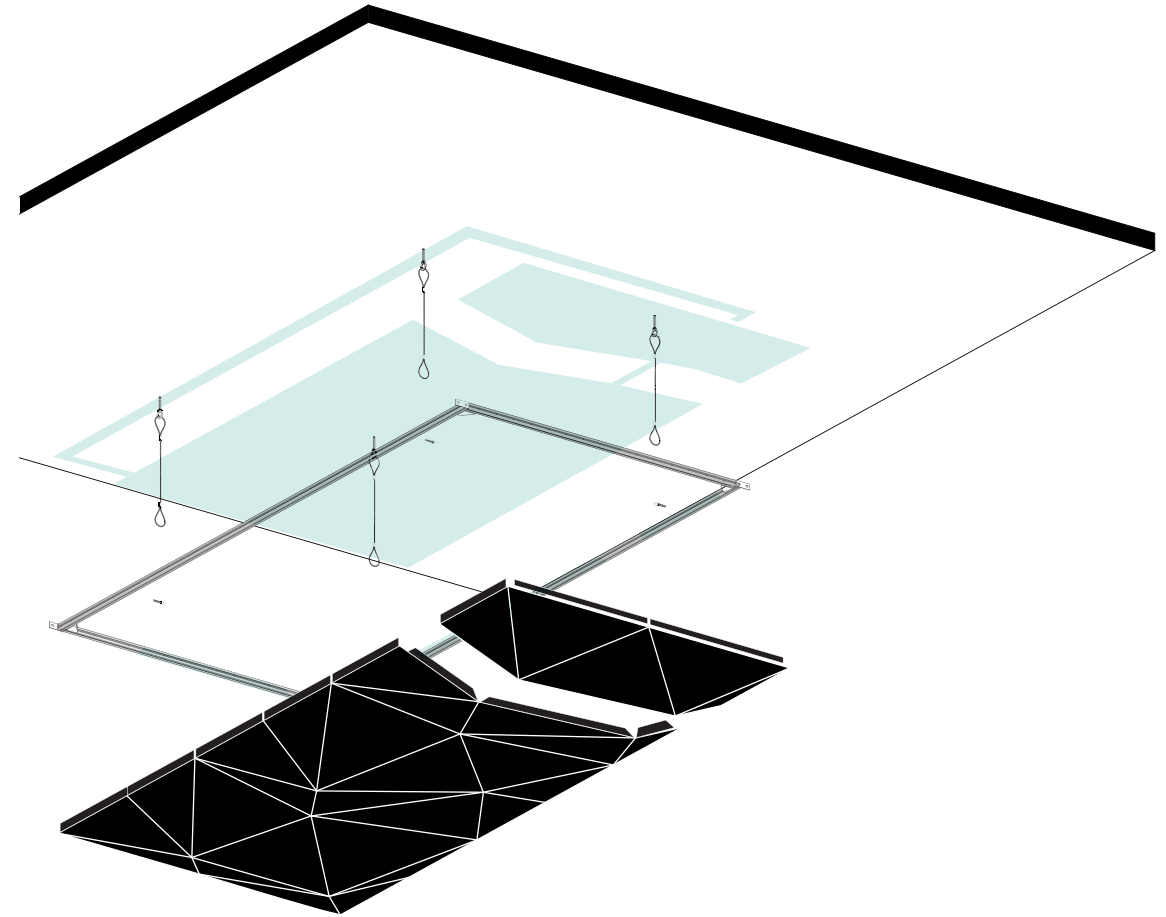


FIXING SYSTEM

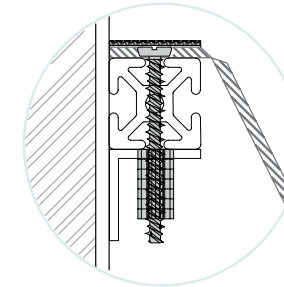


WOODEN FLAPS

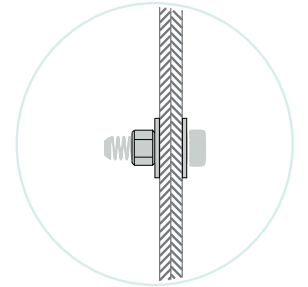
FOLD PANELS: CEILING



FRAME SYSTEM



FIXING SYSTEM

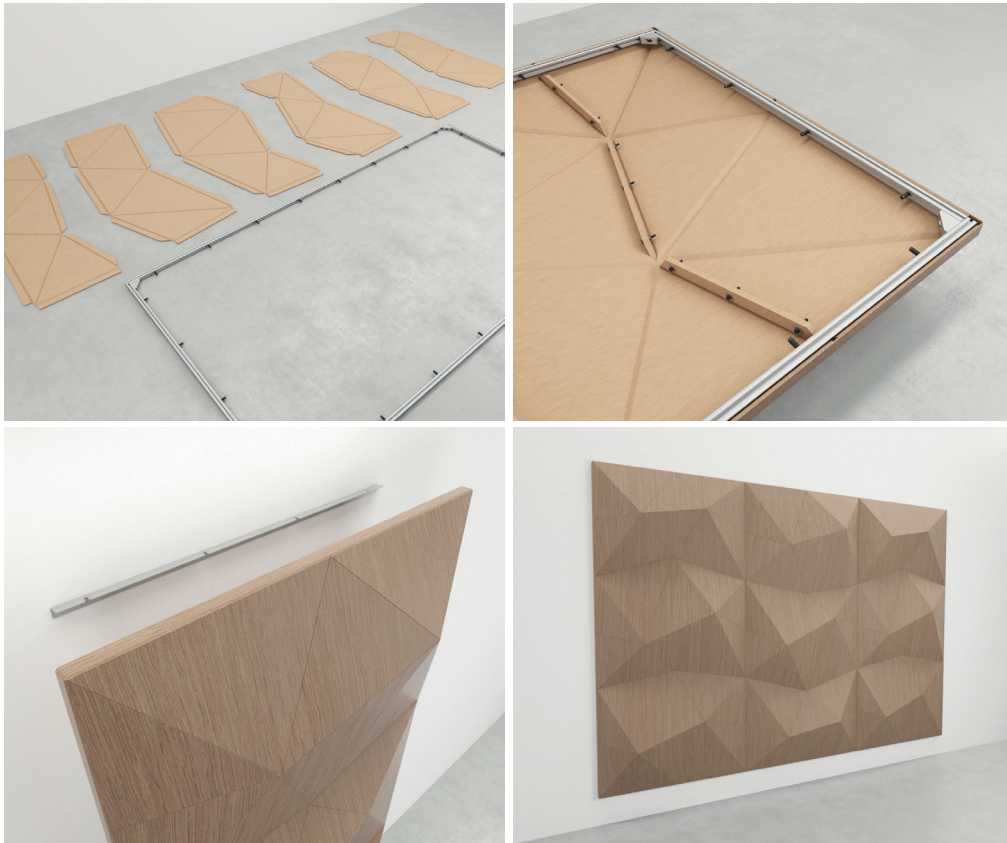


WOODEN FLAPS

The Fold Panels are designed to be easy to install and maintain. Each piece is numbered in correspondence to the underlying frame, ensuring that all the sides are precisely fastened and aligned.

Once the panel is complete, it is anchored to the wall or ceiling by simply snapping it into the previously positioned aluminum profile.

FOLD PANELS



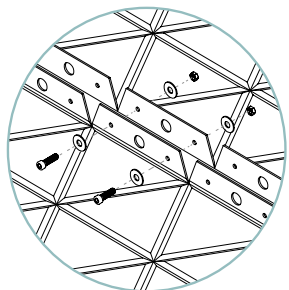
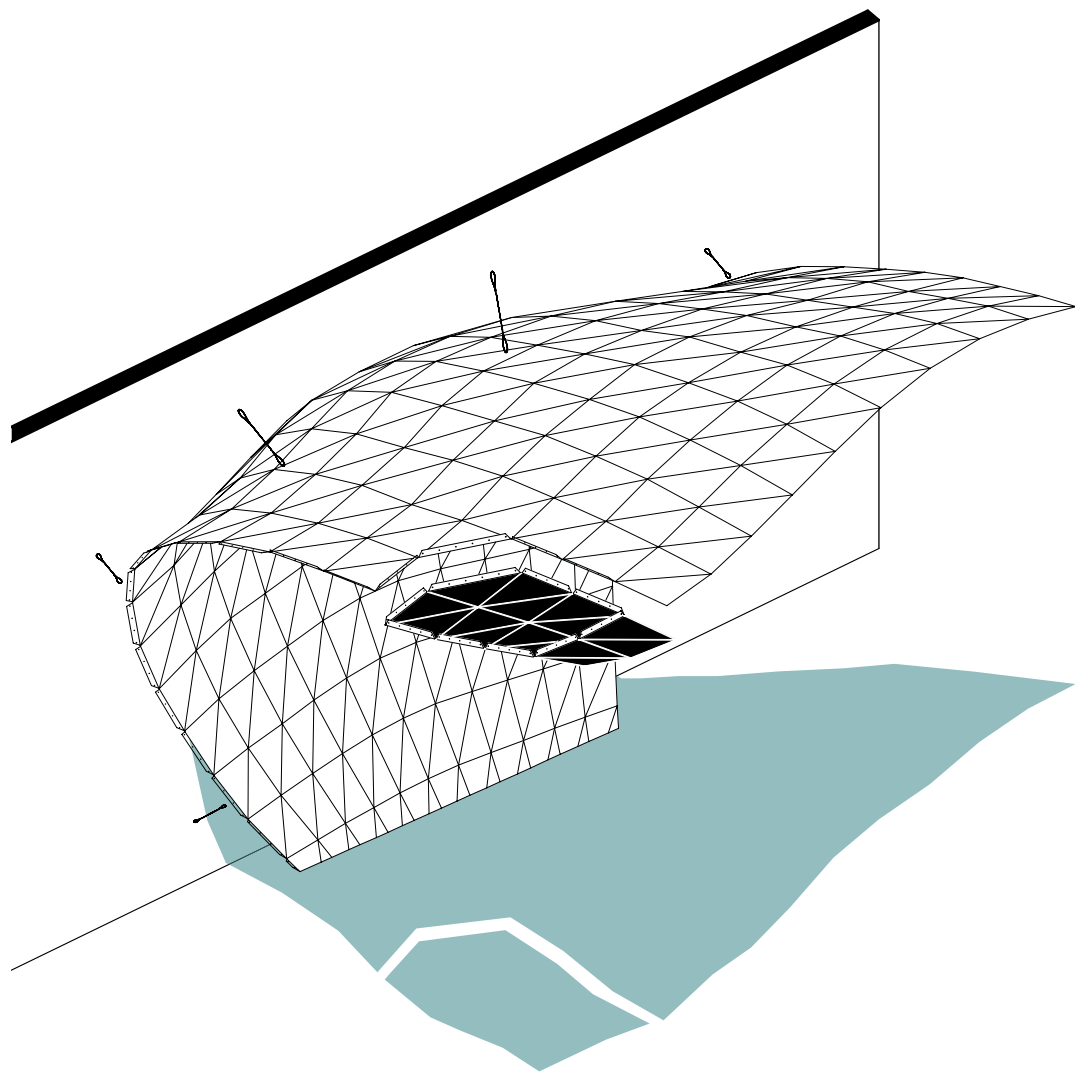
| Rear side



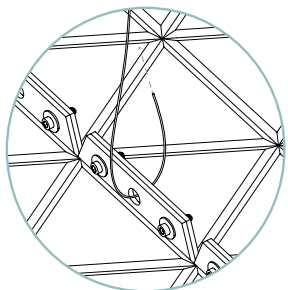
| Rear side detail

— TAILOR MADE: WALL - CEILING

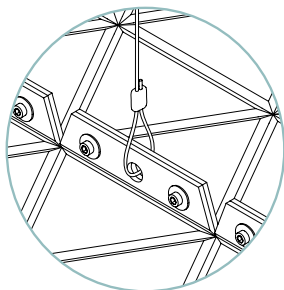
TAILOR MADE



WOODEN FLAPS



HANGING SYSTEM



TENSIONING SYSTEM



| Rear side - Bamboo and linoleum

WOOD-SKIN

is a product of Wood-Skin s.r.l.
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The illustrated products are subject to constant revision in terms of their functional details. Continuous research goes into the finishing treatments. The products presented in this catalogue, as well as the descriptions and specifications, are illustrative and subject to changes by WOOD-SKIN srl.

Non-contractual document.

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