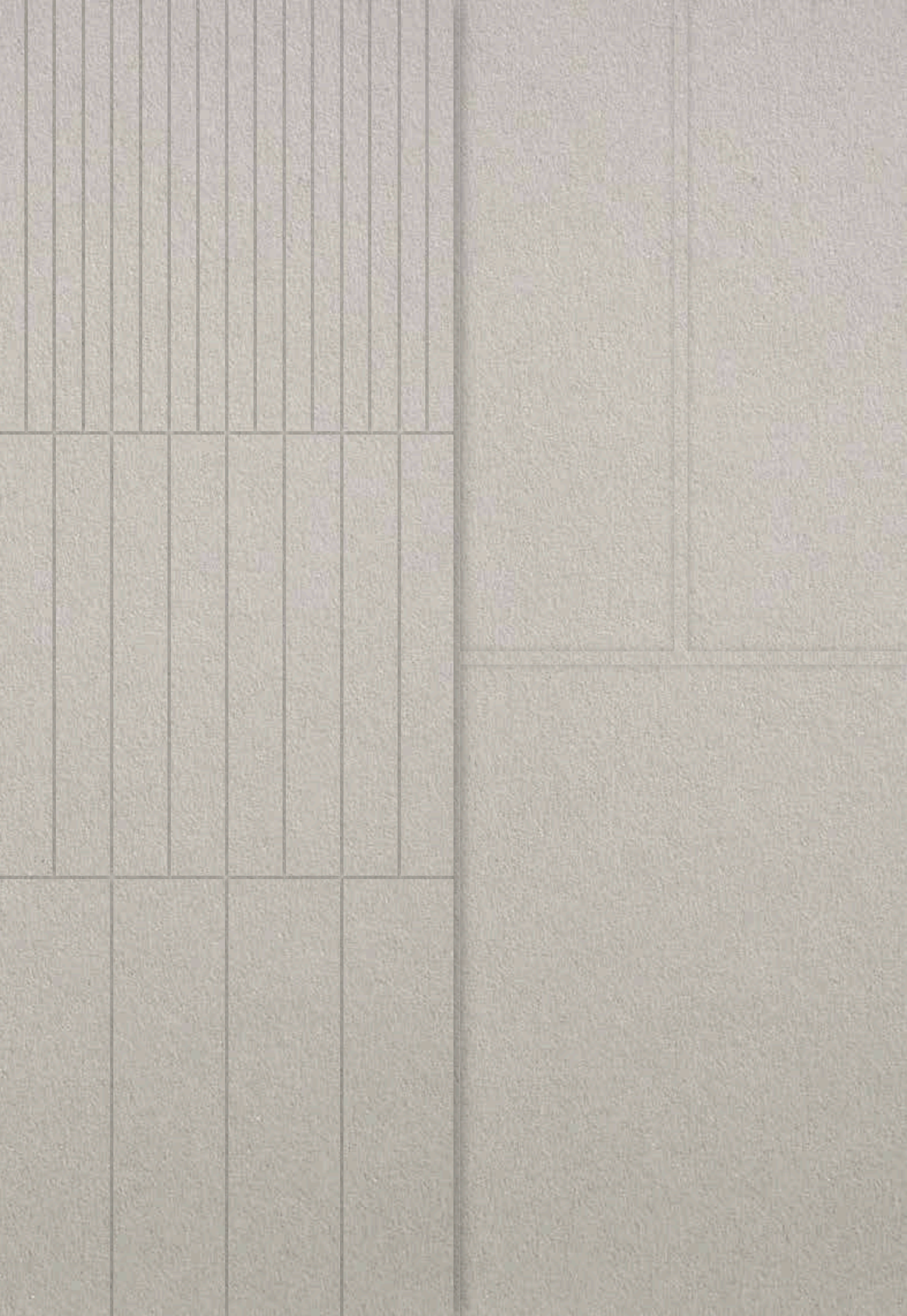


Lightweight concrete architectural panels



At Concrete LCDA, we continually push the boundaries of lightweight fiber-reinforced concrete. By blending exceptional artisanal craftsmanship with the visionary art direction of acclaimed international designers, the French manufacturing company, located near Angers in the Loire Valley, has redefined interior design with innovative wall cladding solutions.

Our minimalist surfaces, featuring a subtle interplay of textures and reliefs, are crafted for seamless installation and endless design possibilities. Whether for sophisticated hotel settings, exclusive boutique interiors, contemporary workspaces, or private residences, our Panbeton® and Slimbeton® collections provide distinctive architectural solutions that elevate every interior.

Available in natural and raw colors, our concrete interior fittings reflect a rich tradition of craftsmanship, combining artisanal expertise with sleek modernist design.

Summary

Portfolio	4	Collections	48
Know-how	22	Art direction	82
Bubble patterns	30	Designers	84
Color tones	32	Technical details	88





Previous double-page spread: Panbeton® Classic, Pierre 404
← Panbeton® Mica, Gris naturel 200
↑ Panbeton® Made in Haussmann, Gris naturel 200



↑ Panbeton® Trio 15 mm, Gris naturel 200
→ Panbeton® Yun, Noir 409





← Panbeton® Shui, Gris naturel 200
↑ Panbeton® Till, Gris moyen 417

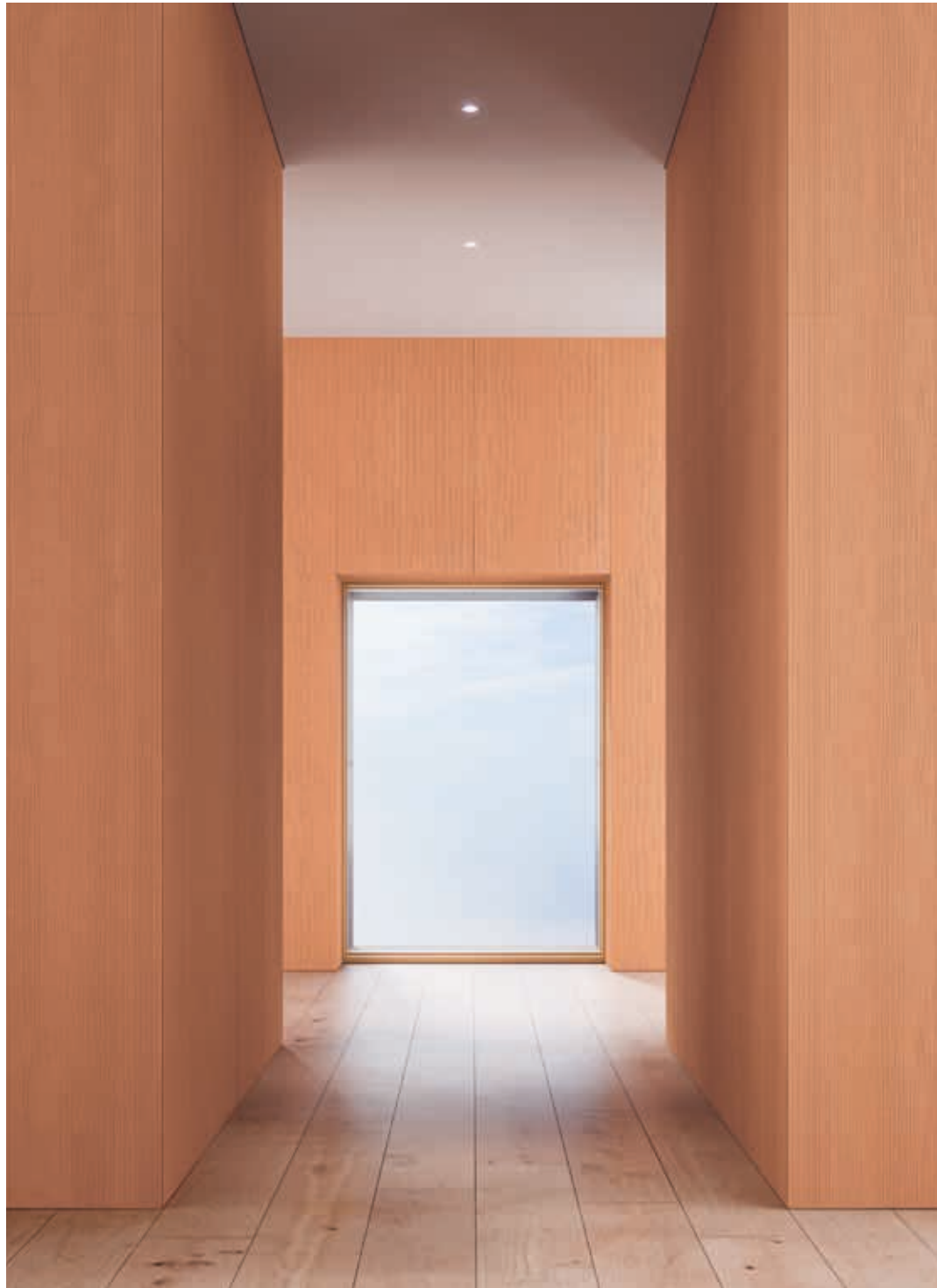


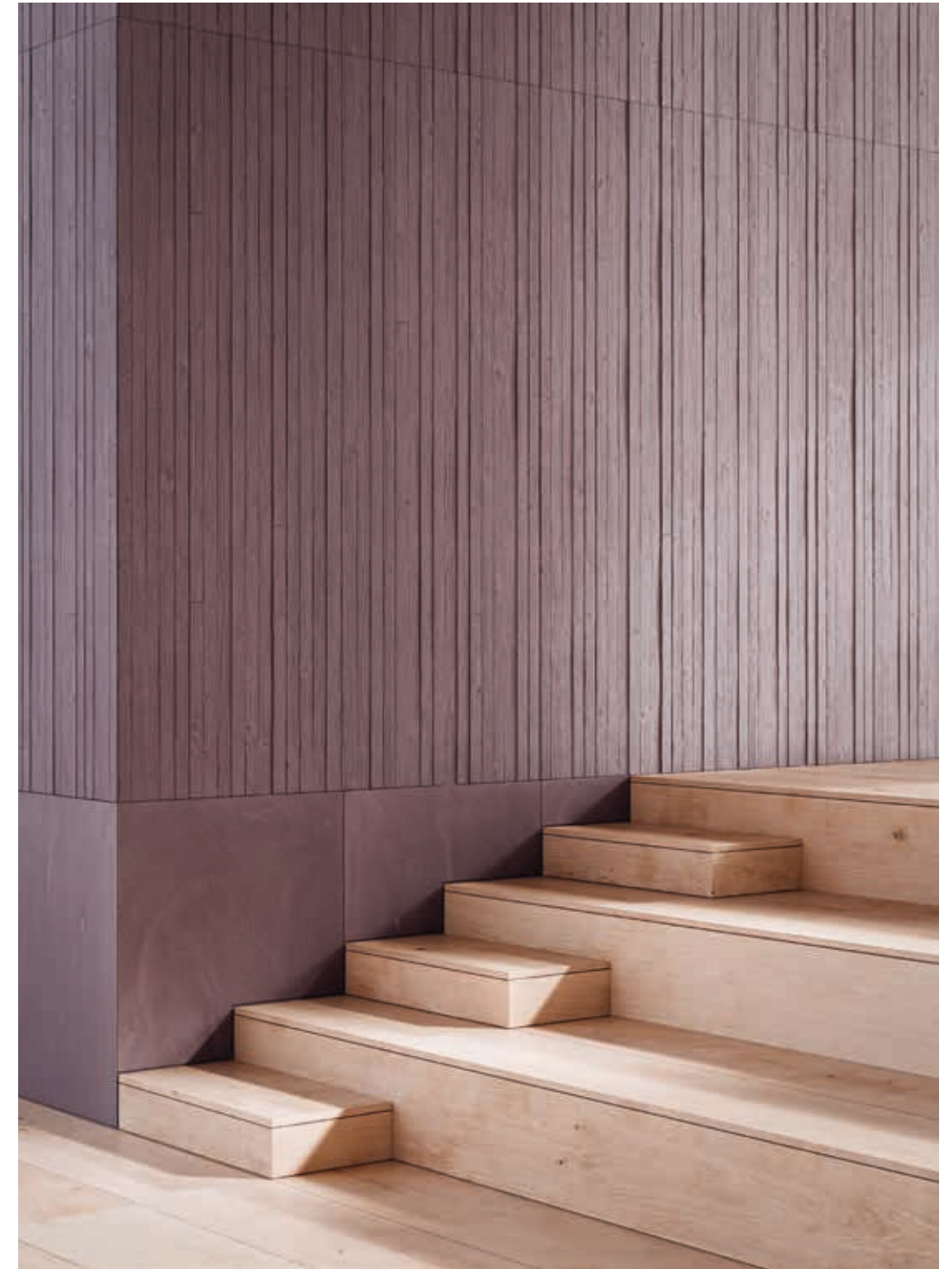
↑ Panbeton® Scaffolded 15 mm, Gris naturel 200
→ Panbeton® Graphite, Noir 409

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← Panbeton® Fingerprint, Pierre 404
↑ Panbeton® Bouchardé, Ocre jaune 420



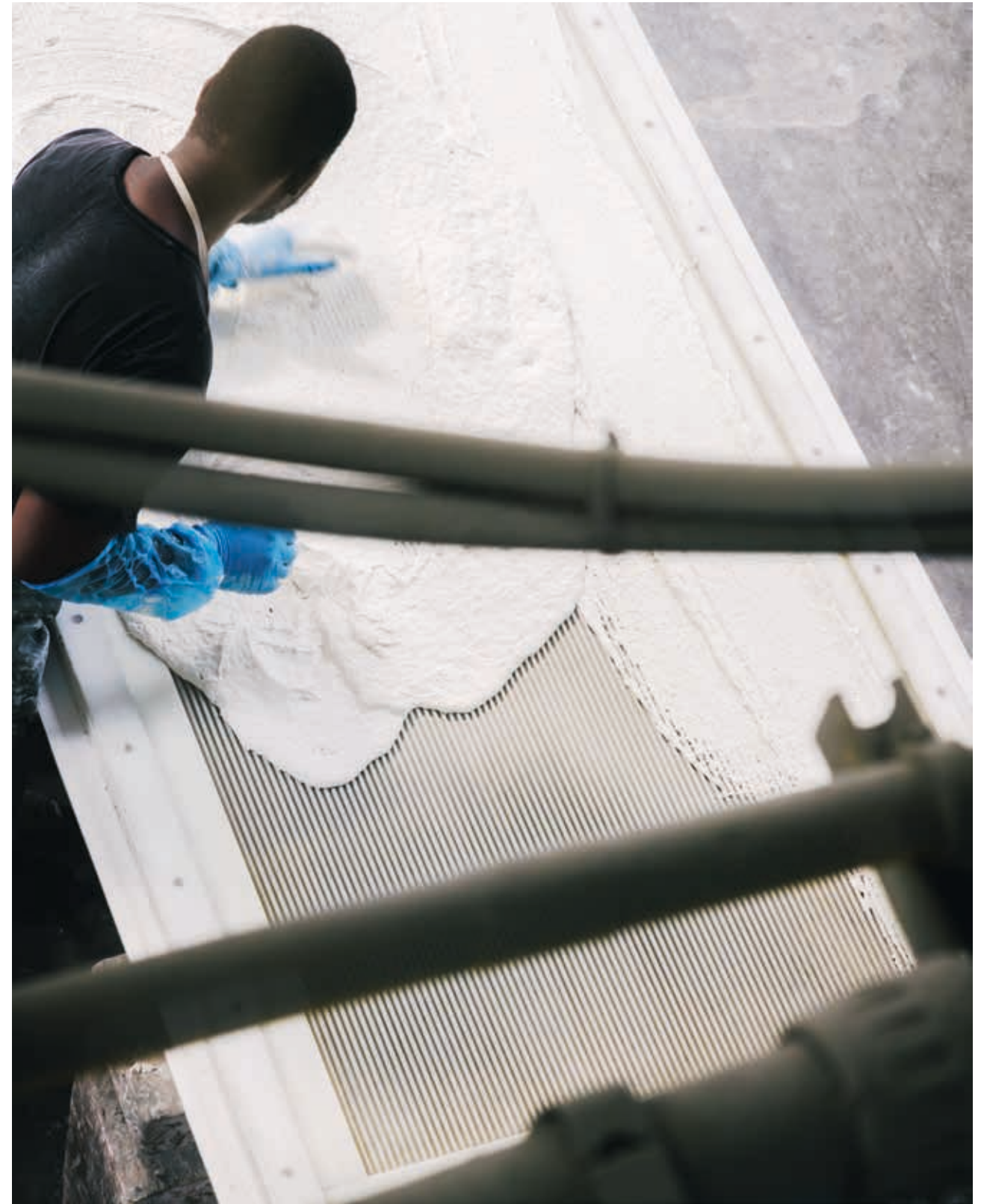




Since its founding in 2010, Concrete LCDA has established itself as a distinctive French manufacturer with a global reputation. Blending the values of craftsmanship, innovation, and a people-centered approach to production.

In Concrete LCDA's 7,500 m² workshop near Angers, a dedicated team of fifty professionals, including engineers, craftsmen, sculptors, and material experts, collaborate on innovative projects while overseeing the entire production process. Additionally, the advanced technical capabilities of our design office allow us to offer high-end customized solutions and comprehensive support to architects and interior designers.

From our hand-crafted concrete panels to our involvement in every stage of production, whether mass-produced or custom-made, time is a crucial element of our process, ensuring that every detail meets the highest standards of excellence. This commitment is reflected in our prestigious catalog of global references built over the years and exported worldwide.





Panels designed with precision and detail

Concrete LCDA is renowned for its exceptional expertise and the beauty of its materials. Our Panbeton® and Slimbeton® fiber-reinforced concrete panels result from a meticulous process: custom formwork design, precise batching, mixing, pouring, and drying. Each step repeated with care, this rigorous process blends cutting-edge design with craftsmanship, allowing us to create products that can be mass-produced without losing their unique character.

Behind the bold or subtle surface patterns of our panels lies a meticulously finished product, designed for both functionality and durability. Our panels are perfectly sized, neither too large nor too small, lightweight, easy to cut, and simple to install, ensuring seamless integration into any interior design.





A commitment to sustainability

Sustainability is not merely a responsibility at Concrete LCDA; it is embedded into our history and will continue to define our future.

Choosing our panels means choosing sustainability¹. Thanks to a rigid lightweight substrate, we are able to create thin panels with only 5 mm of concrete, significantly reducing the water and energy required in cement production. Additionally, once installed, our panels are VOC-free and rated A+ for air quality.

At Concrete LCDA, we uphold a corporate culture rooted in human values and environmental respect, ensuring that ethical and ecological principles guide our daily practices.

1. To assist construction professionals in meeting the highest environmental requirements, all standardised informations on the impact of the product throughout its life cycle is available on request.

A signature of our proud manufacturing heritage, our lightweight concrete panels showcase distinctive air bubble patterns, depending on the density of the mix. Whether subtle or pronounced, these bubbles transform the raw, natural beauty of the material into a captivating aesthetic experience.



Bubble patterns

30

Light pitted

Medium pitted

Heavy pitted

Available in five distinctive tones, from white to anthracite grey and deep black, our palette of greys perfectly complements the raw, minimalist aesthetic of concrete. Each shade interacts with the panels' textures to create striking, one-of-a-kind designs.



Blanc 402



Gris naturel 200



Gris moyen 417



Gris anthracite 416



Noir 409

Shades of grey

32



↑ Panbeton® Scaffolded 15 mm, Blanc 402
→ Panbeton® Graphite, Noir 409

34



Nature is matter; matter is colour.

Built around five variations of browns, yellow ochres, terracotta, red ochres and blues, this natural palette unfolds through fifteen colours that reveal a new perception of the material.

The creation of these colours continues an exploration of nature as a primary source of inspiration. Stone, earth, limestone, sand, ice: all these elements of the real world make up a vibrant palette and a chromatic spectrum to explore.



Natural tones 36



Brume 495



Crate 478



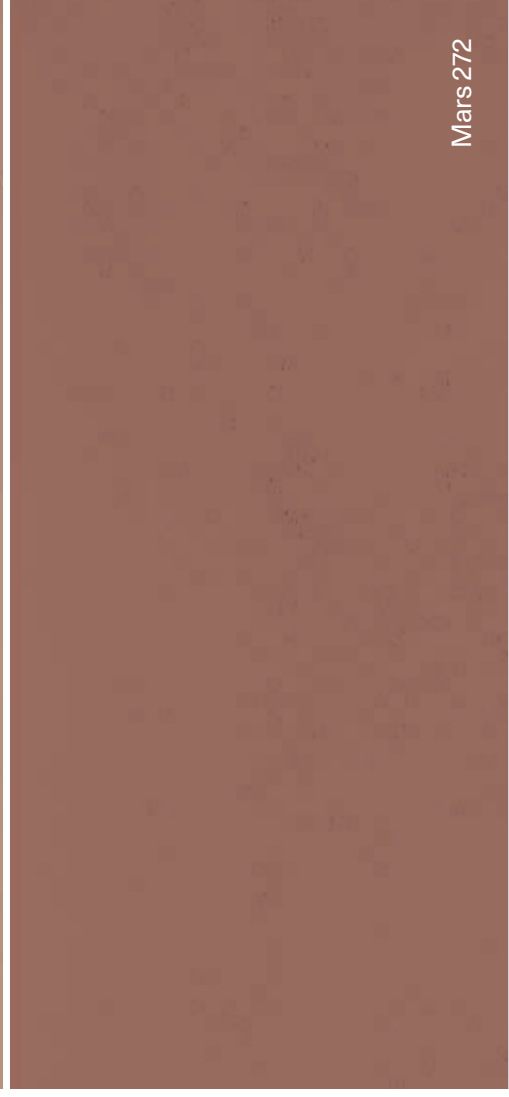
Marron 205



Quarzazate 473



Tourbe 225



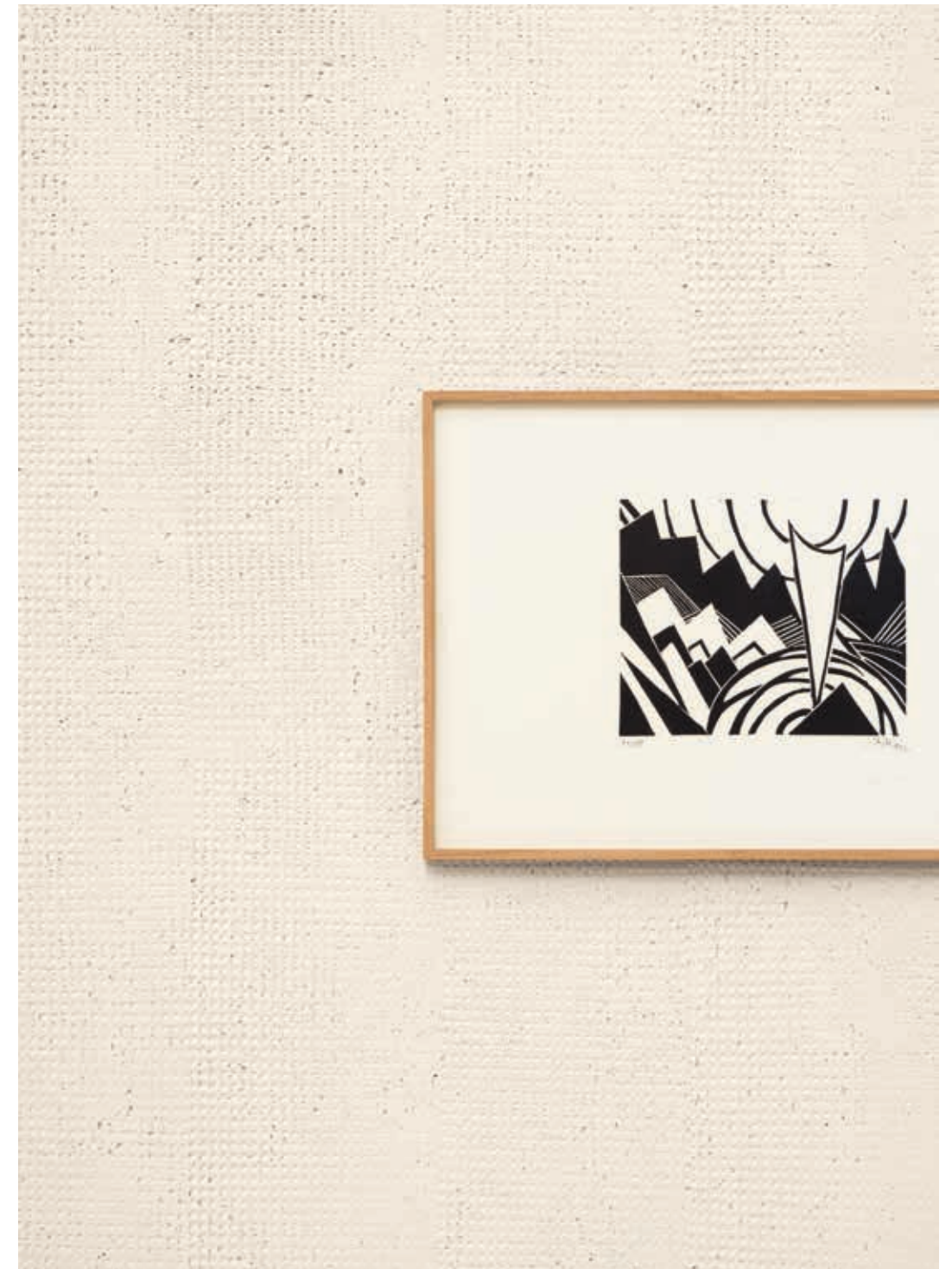
Mars 272

Glacier 480

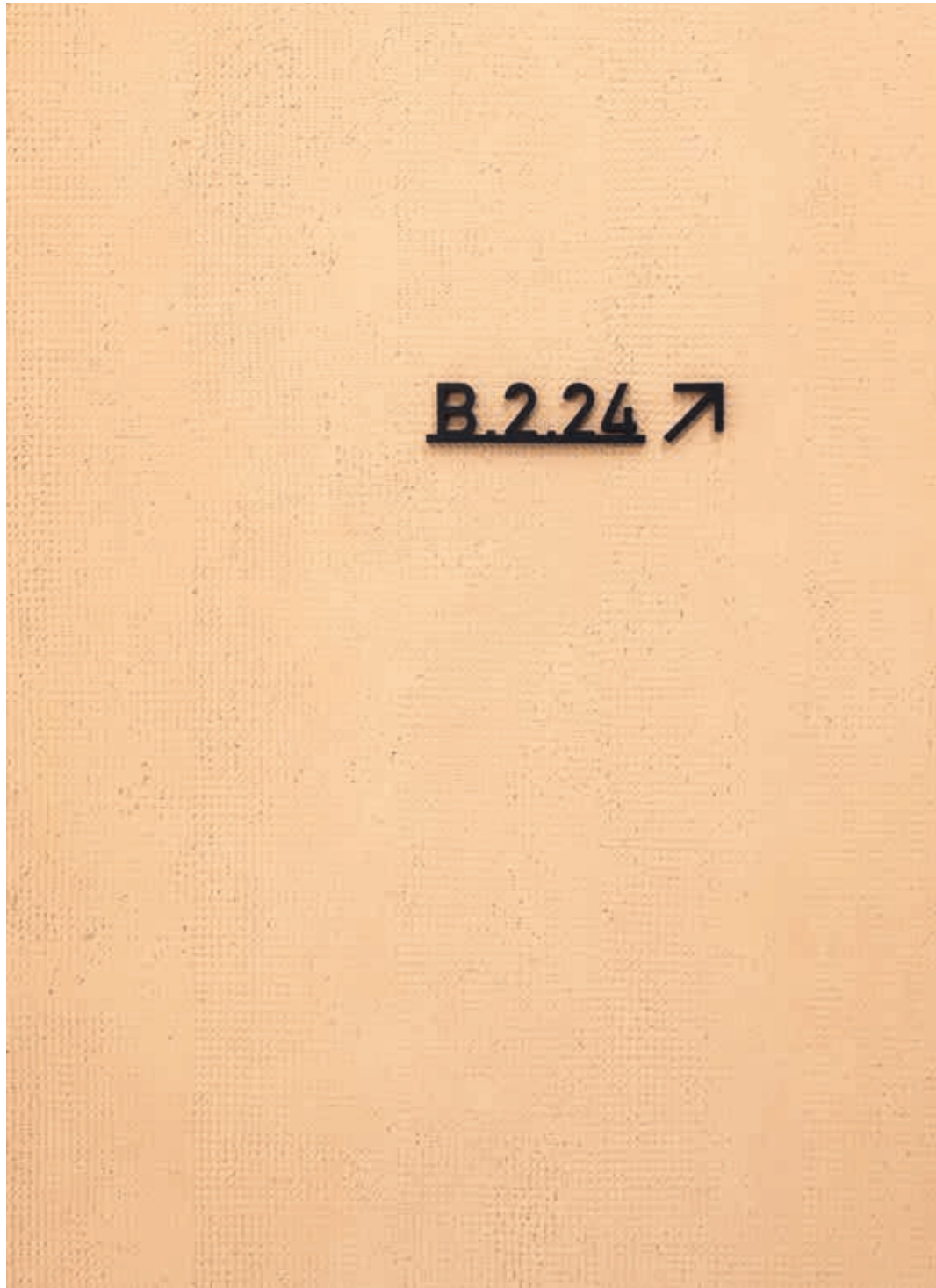
Turquin 481



Ardoise 201



← Panbeton® Striation, Sienne 436
Sienne 436 draws its inspiration from the iron-rich clays of Tuscany.
When combined with concrete, the shade evokes new textures,
from brick to terracotta.
↑ Panbeton® Bouchardé, Pierre 404



↗ Panbeton® Bouchardé, Grès 429
Sand turned to stone, Grès 429 is inextricably linked to architecture, craftsmanship and human endeavour. From this mineral base emerges a beige-orange hue that highlights the delicacy of the concrete.
→ Panbeton® Classic and Barbican, Turquin 481
Turquin 481 takes its blue-grey tones from the marble of the same name. At the heart of the colour palette, the shade makes a distinctive chromatic statement and has a distinct mineral quality.

42





MARINA ↘

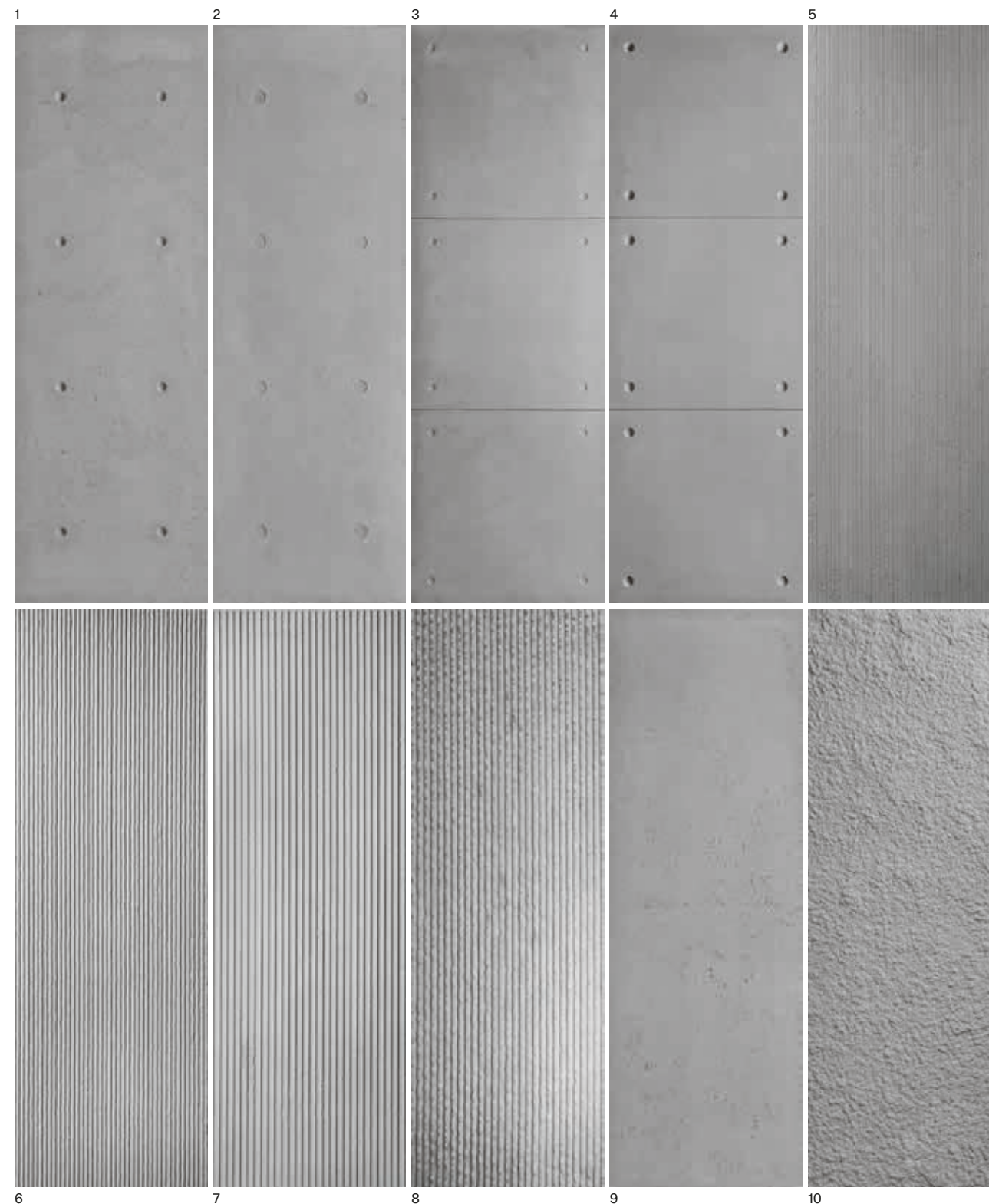
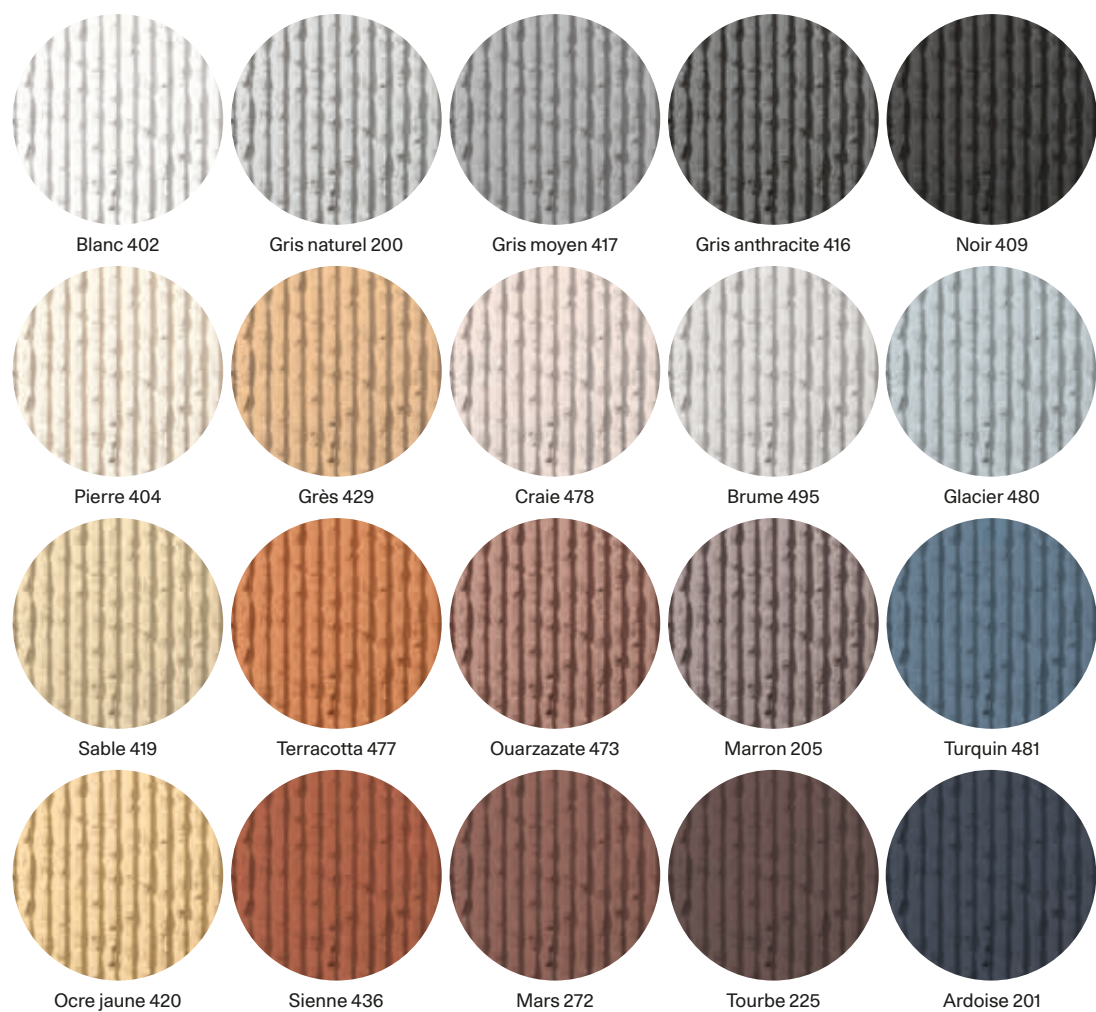


← Panbeton® Classic and Whipped, Ardoise 201
Storm blue, *Ardoise 201* draws inspiration from a timeless material.
With its architectural resonance, the shade reveals its nuances through
the textures and patterns of the panels.
↑ Panbeton® Rugged, Brume 495
Between heaven and earth, *Brume 495* draws inspiration from hazy
horizons. Close to greige, this shade offers a subtle take on neutrality.
When paired with concrete, it creates a mineral-inspired atmosphere
open to many interpretations.



↑ Panbeton® Fragmentation, Sable 419
Sable 419 embodies the softness of Mediterranean hues. Like a material gently warmed by the sun or weathered by time, this subtle yellow both captures and diffuses light.
→ Panbeton® Classic and Fragmentation, Terracotta 477

Branch-inspired prints, random bubble patterns, and symmetrical lines bring iconic Brutalist design into contemporary interiors. Showcasing the variations in texture and pattern of traditional construction techniques, our Brutalist collection celebrates the raw beauty and timeless authenticity of concrete.



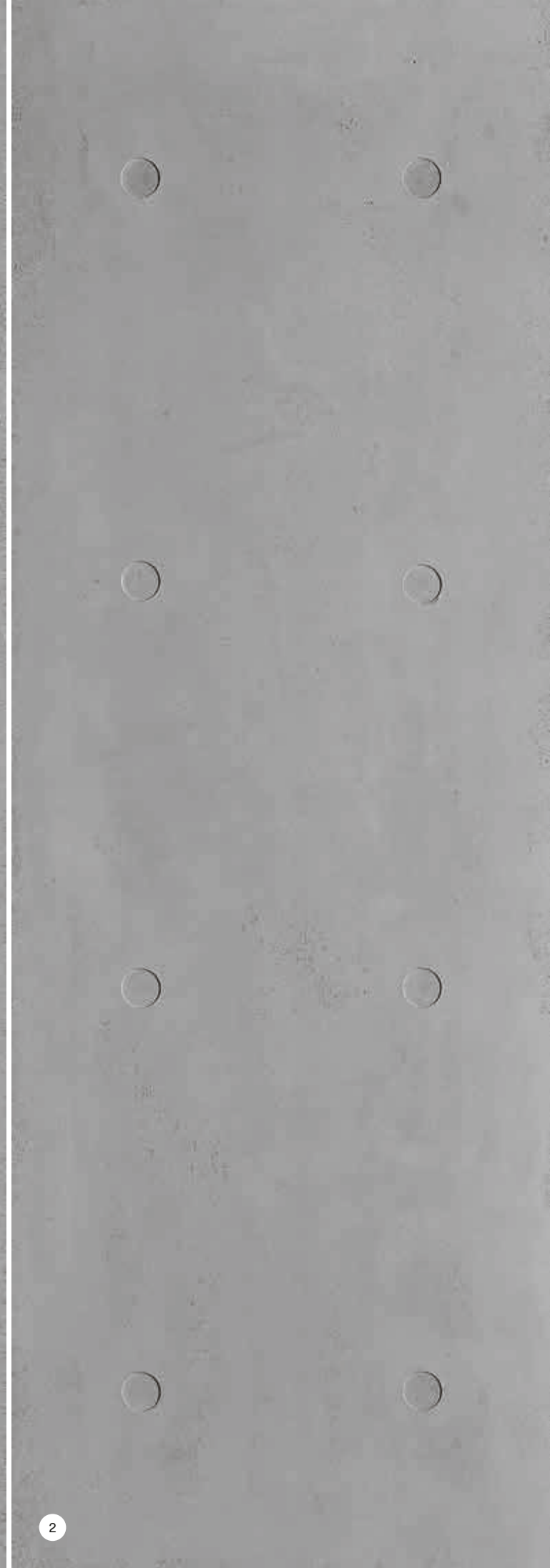
Panels from the Brutalism collection are shown above in Gris moyen 417.

- | | | | | |
|------------------------------------|-----------------------------------|--------------------------|---------------------------|-------------------------------|
| 1. Scaffolded 15 mm matali crasset | 2. Scaffolded 2 mm matali crasset | 3. Trio 2 mm Studio LCDA | 4. Trio 15 mm Studio LCDA | 5. Striation Studio LCDA |
| 6. Lines Studio LCDA | 7. Gèn 三 Neri&Hu | 8. Rugged Studio LCDA | 9. Classic Studio LCDA | 10. Barbican Terence Woodgate |

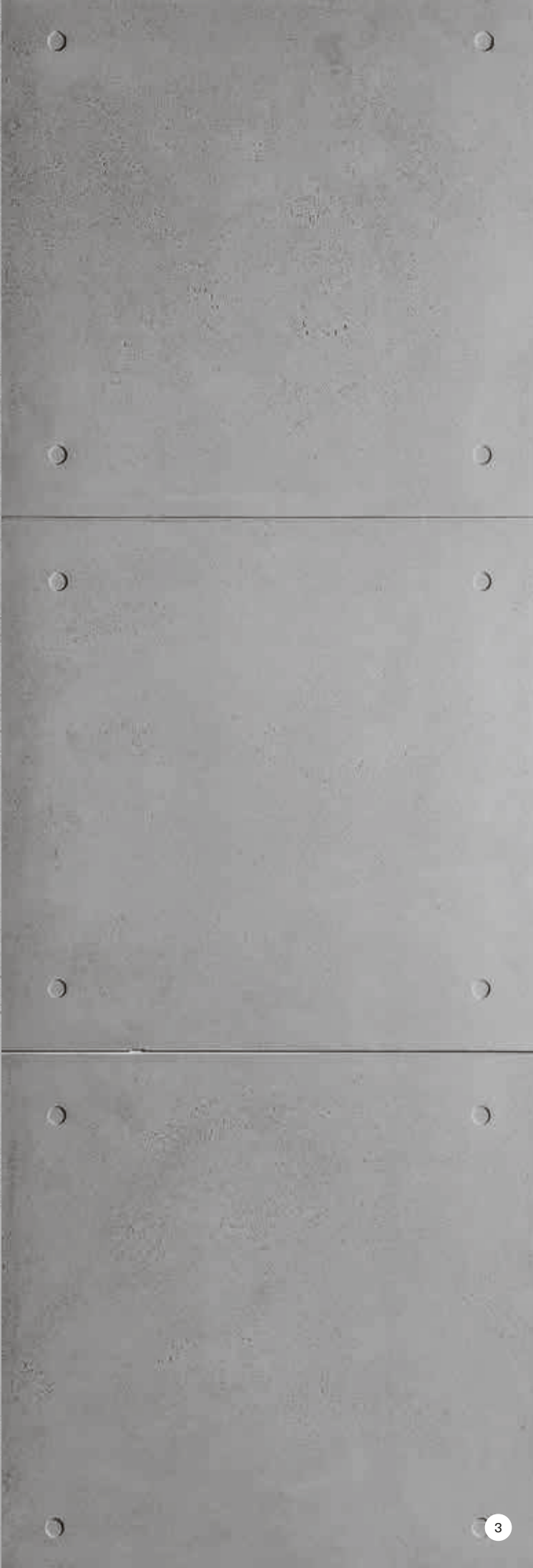
Brutalism



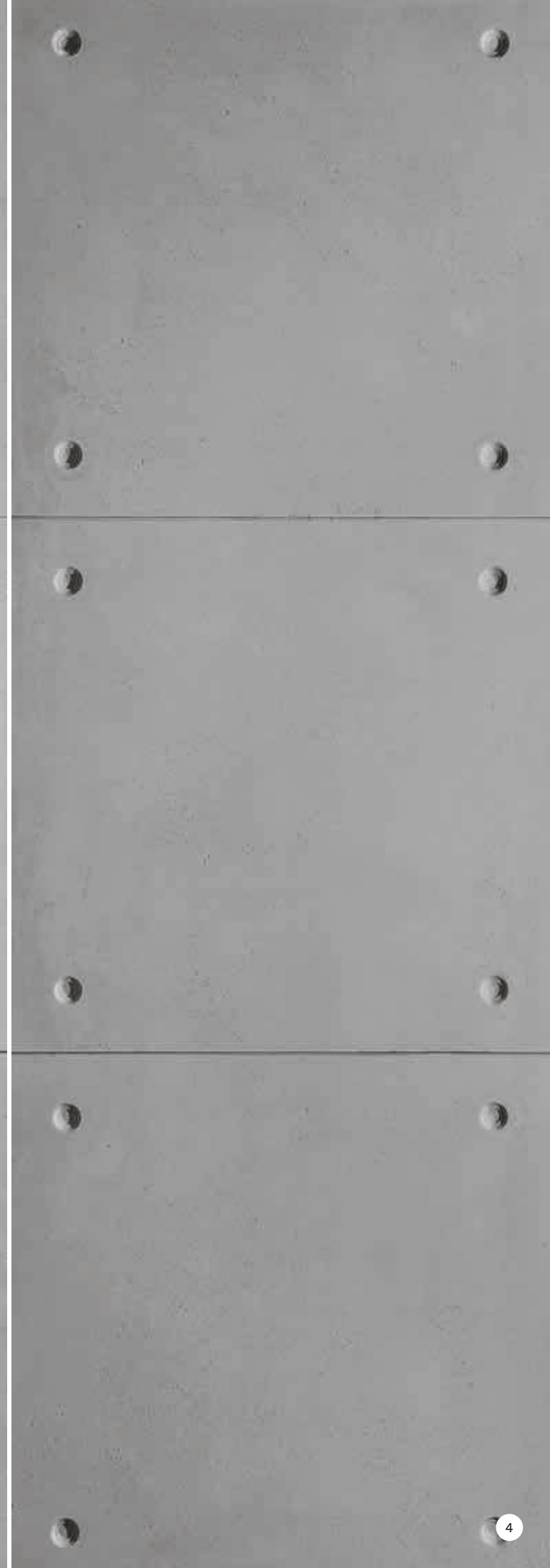
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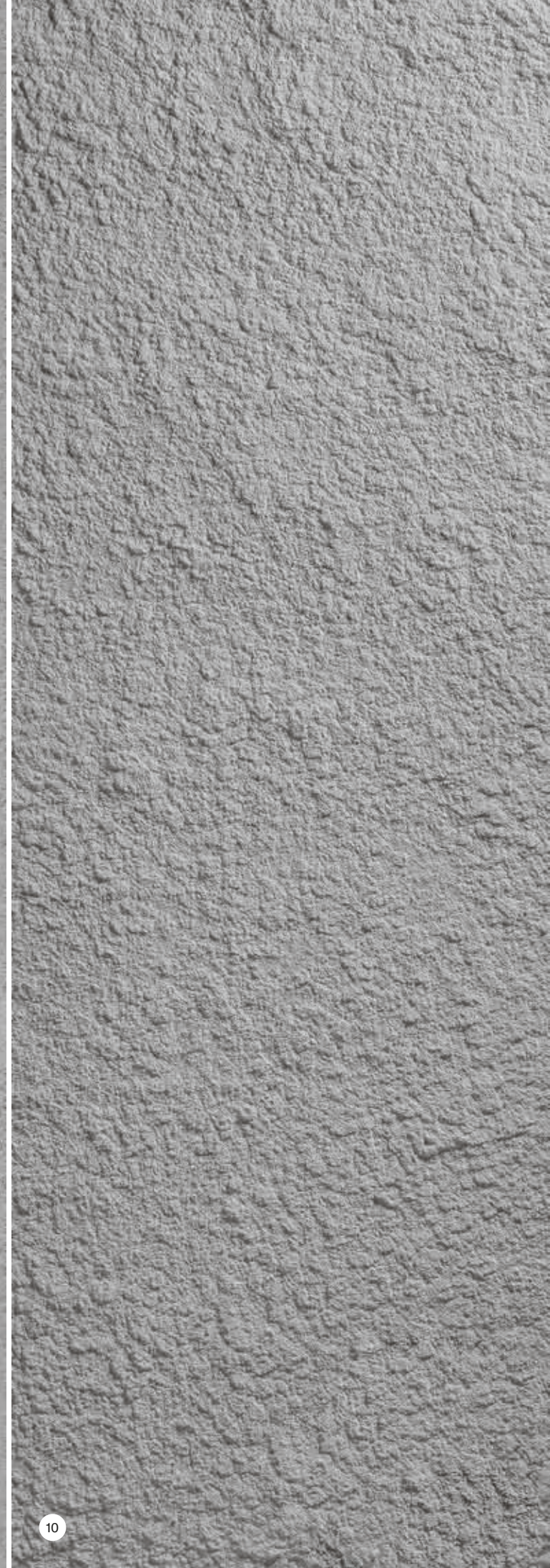
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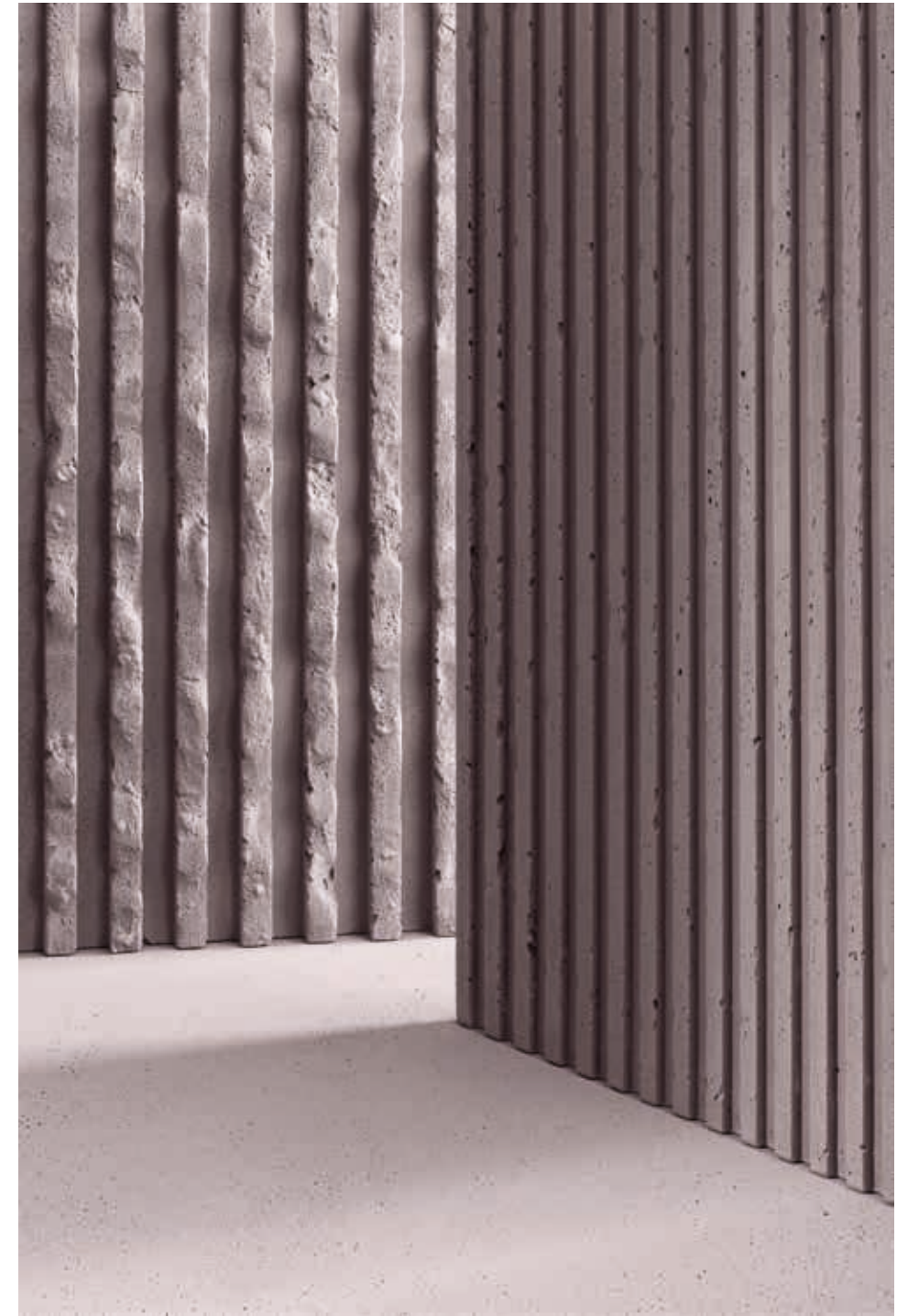
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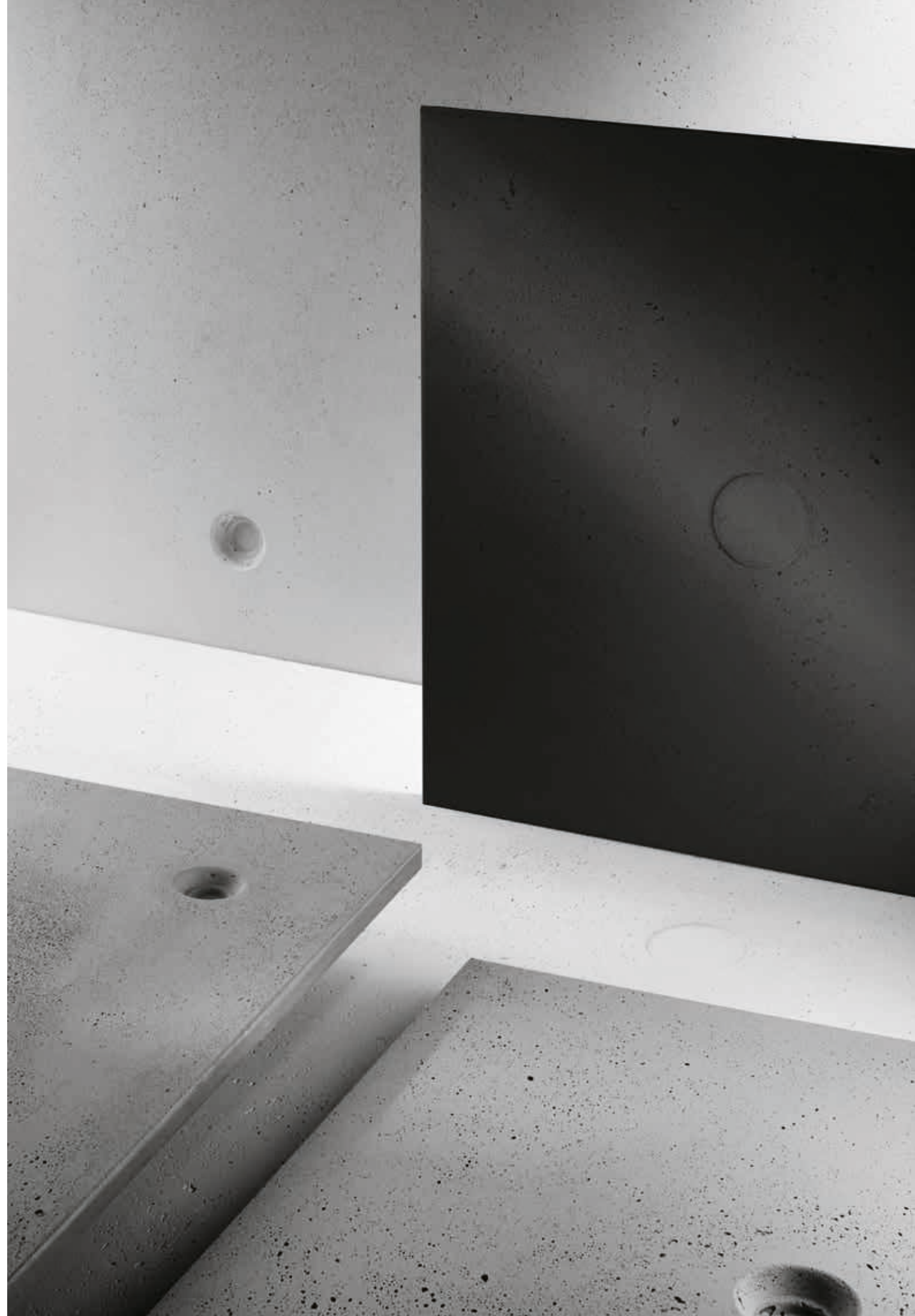


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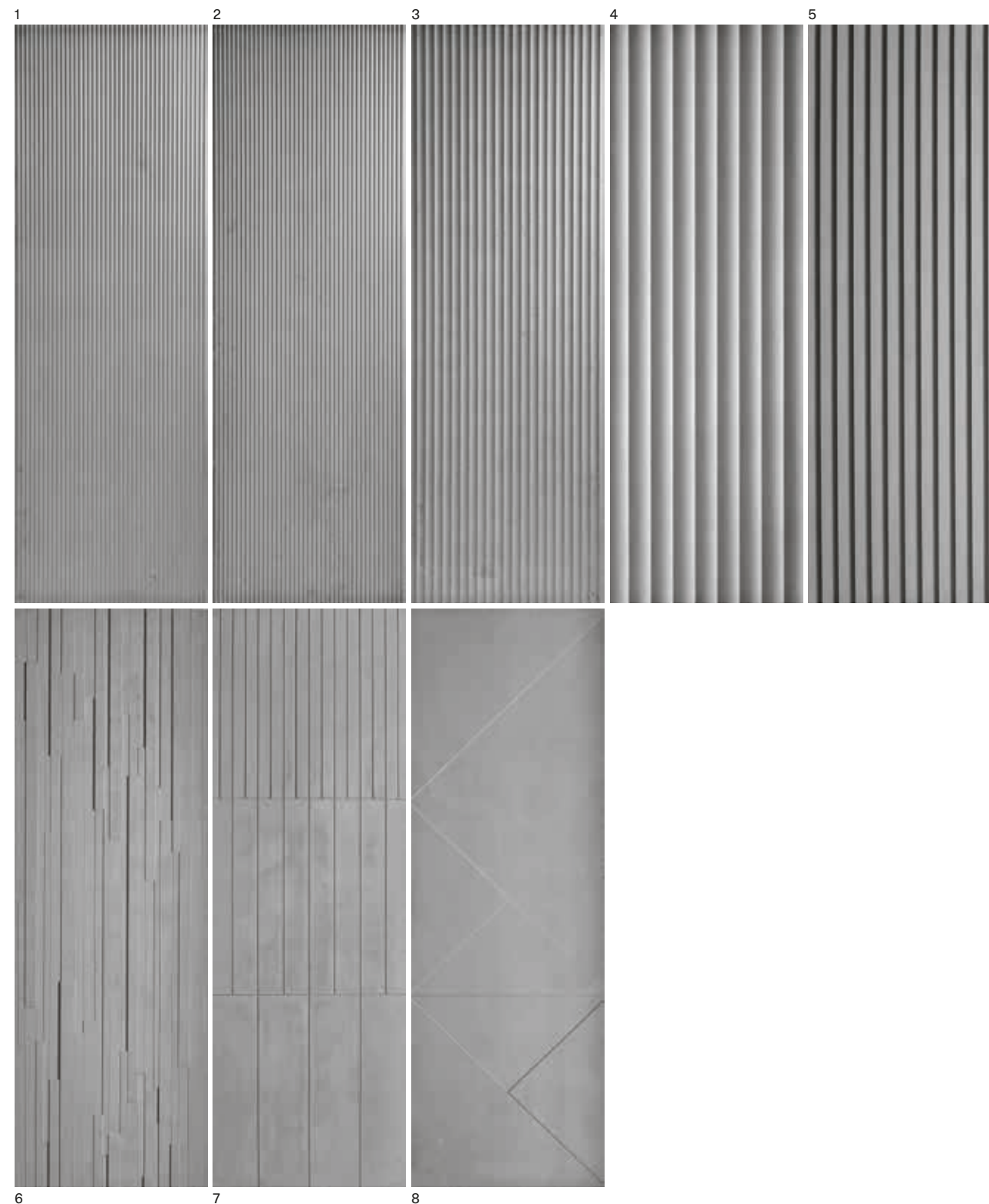
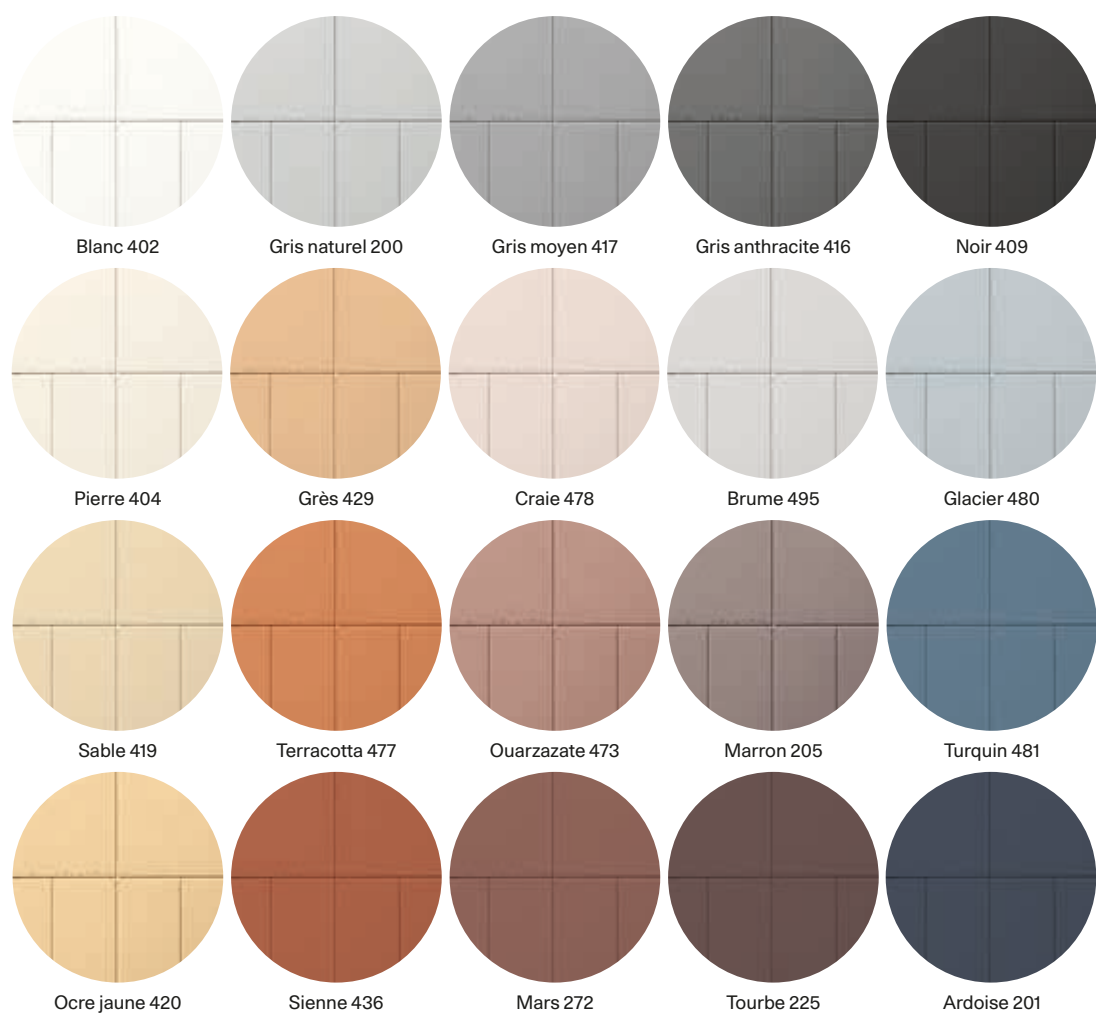
10





56

Combining the lightness of fiber-reinforced concrete with sculptural depth, the Géométrique collection unlocks endless design possibilities. Featuring a subtle interplay of lines, ripples, curves, and geometric forms, our concrete panels showcase sensual, richly textured patterns that interact dynamically with light and enhance any interior.

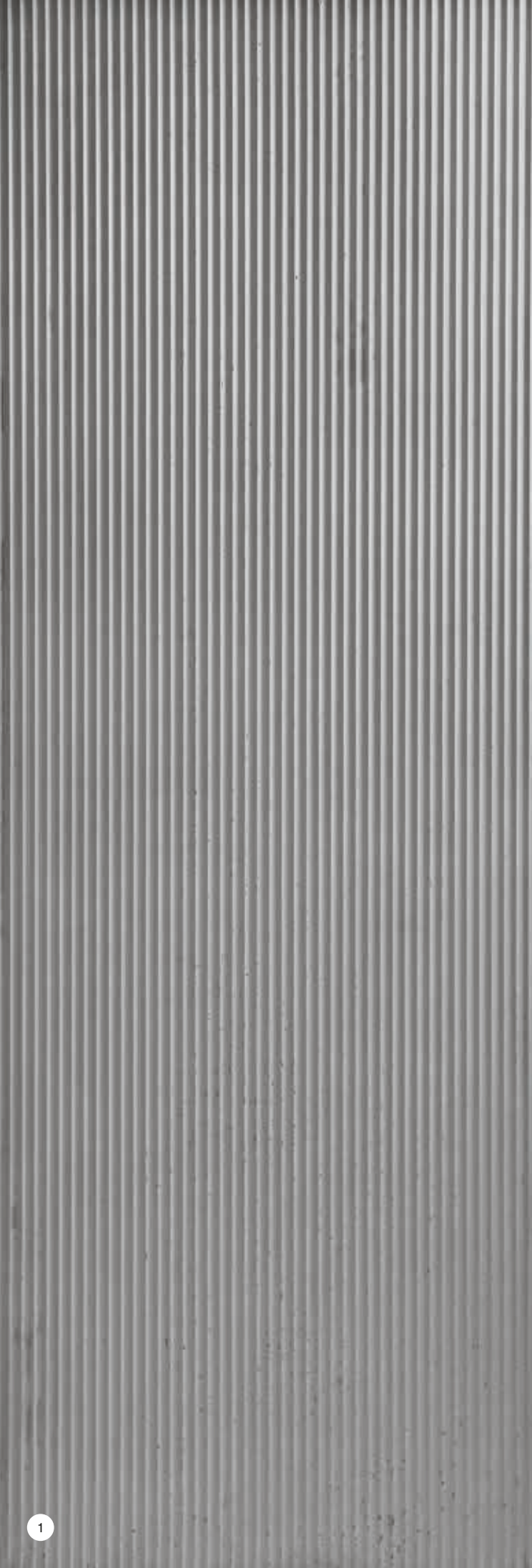


Geometric

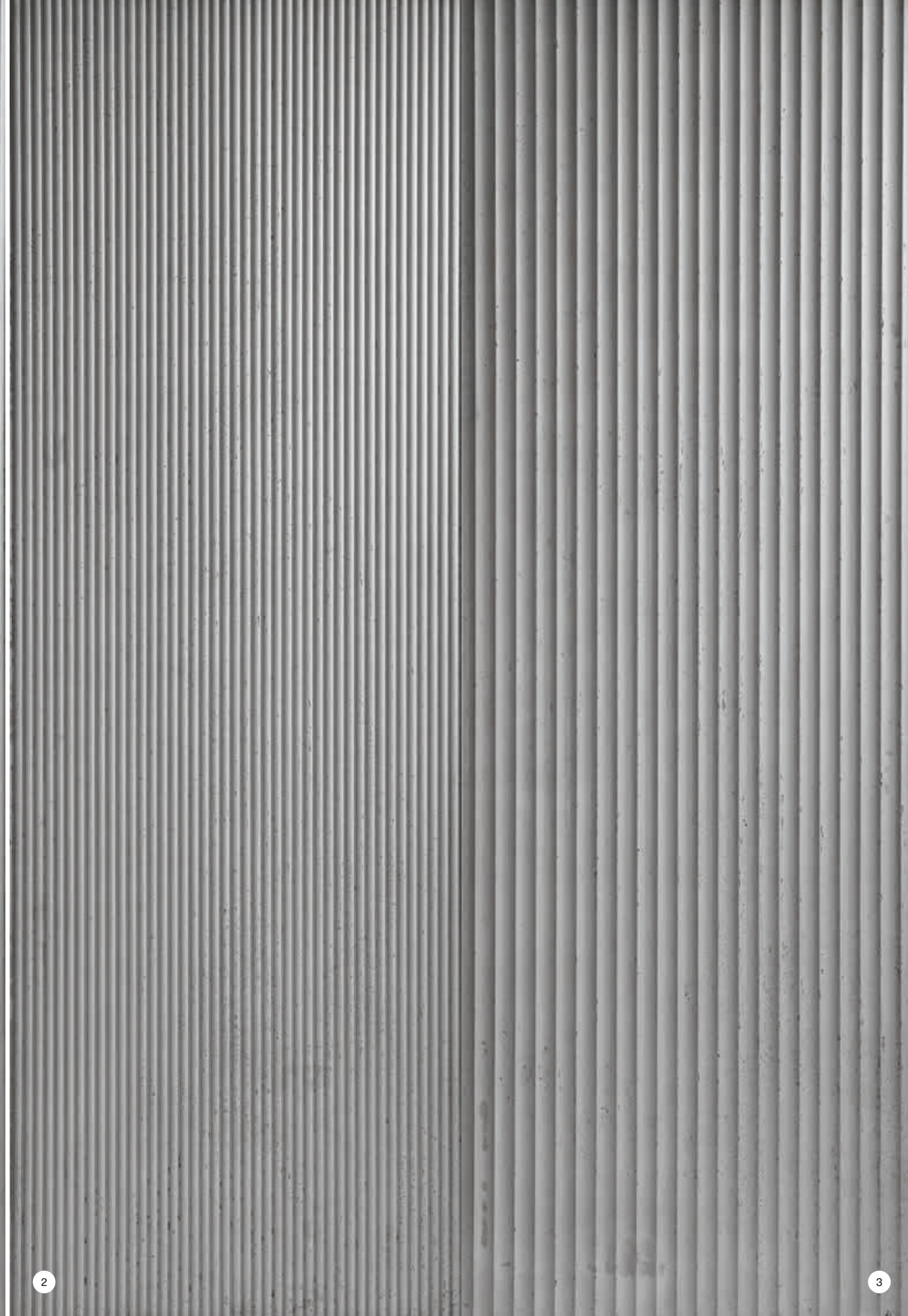
58

Panels from the Geometric collection are shown above in Gris moyen 417.

- | | | | | |
|--------------------------------|------------------------------------|------------------------|------------------------|---------------------------------|
| 1. Shan 山
Neri&Hu | 2. Yun 云
Neri&Hu | 3. Shui 水
Neri&Hu | 4. Fold
Studio LCDA | 5. Factory
Victoria Wilmotte |
| 6. Slats
Jean-Marie Massaud | 7. Fragmentation
matali crasset | 8. Giometry
Ora-ïto | | |



1

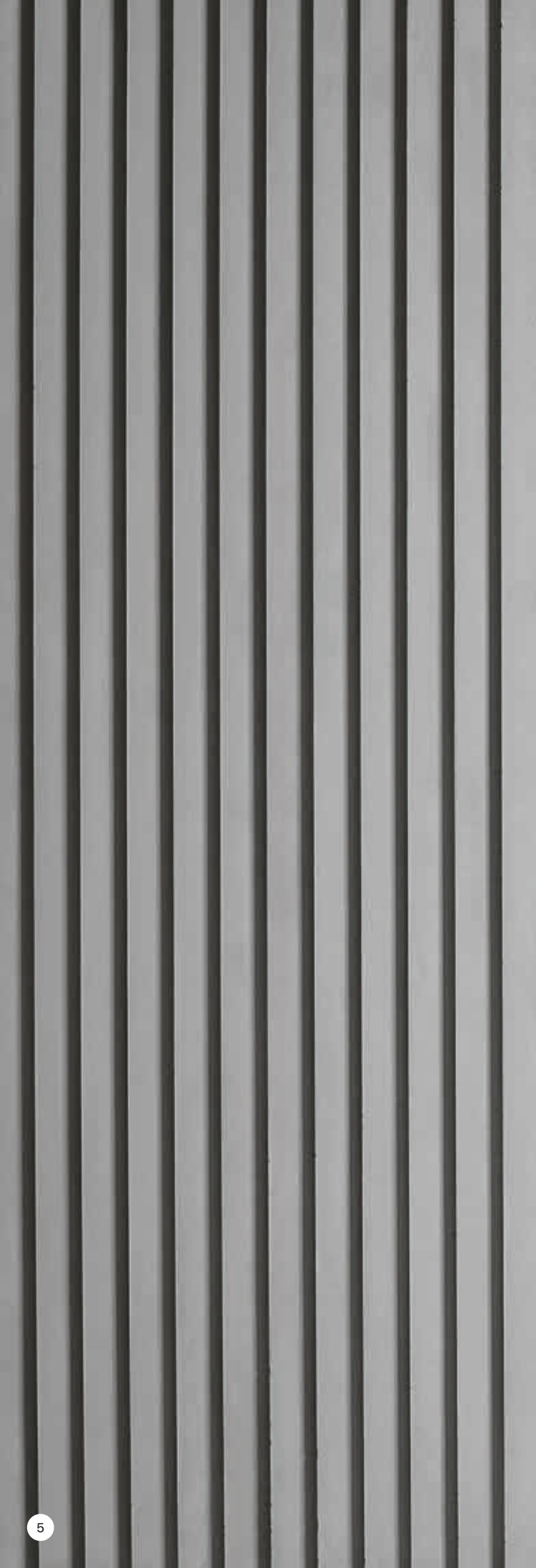


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From the traditional use of wooden formwork in concrete casting to the brutalist celebration of natural grain, wood and concrete share a timeless connection. Our panels honor this enduring connection, featuring patterns that evoke the memory of formwork, the texture of timber, and the elegance of haussmanian design. This collection seamlessly bridges the gap between heritage and innovation.



Panels from the Wood collection are shown above in Gris moyen 417.

- 1. Vertical Planks 2. Shuttered Vertical Wood 3. Chevrons 4. Timber 5. Graphite
- Studio LCDA matali crasset Jean-Philippe Nuel Jean-Philippe Nuel Jean-Philippe Nuel
- 6. Made in Haussmann matali crasset

Wood

66



1



2



3

4



5

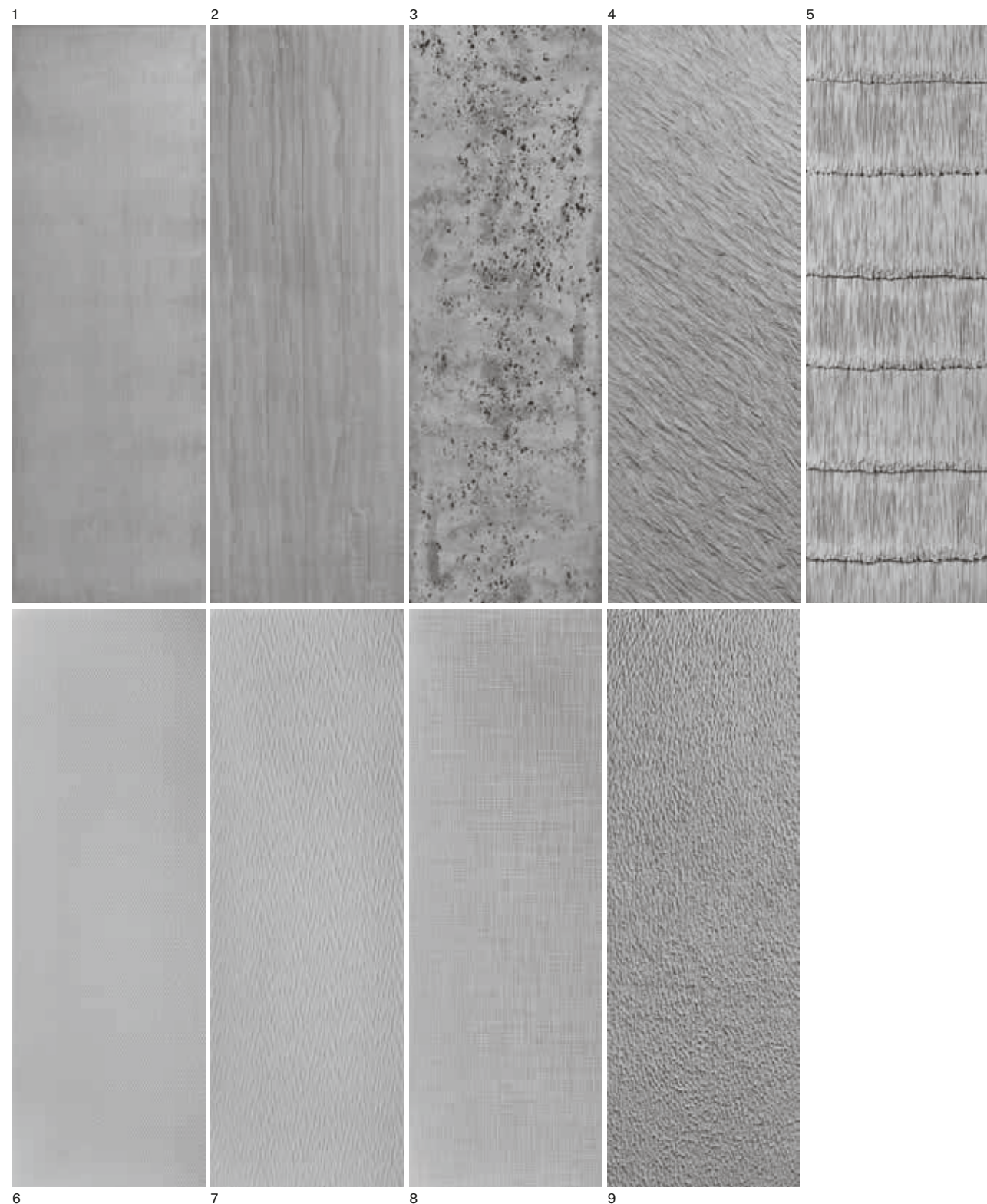
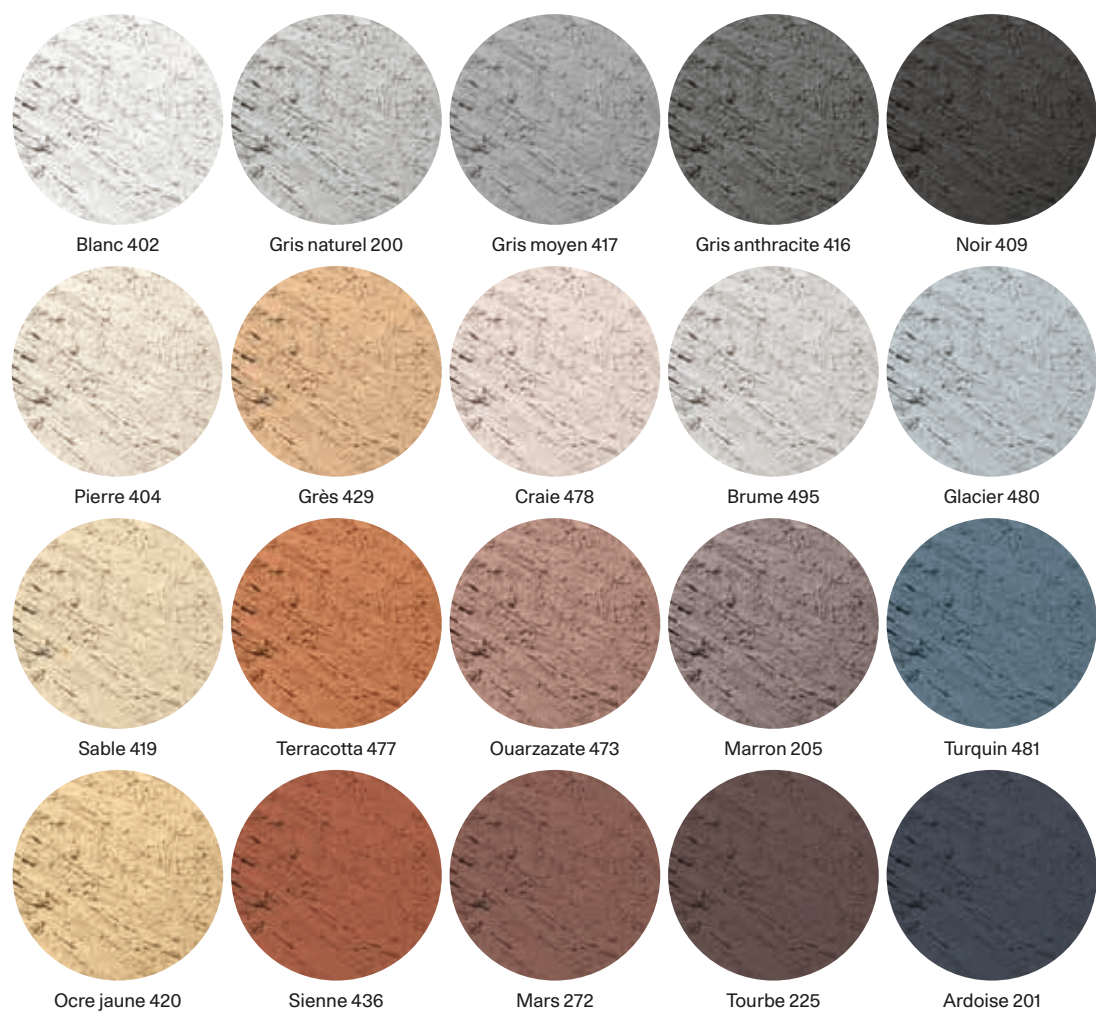


6





The “Craft” collection celebrates the art of handcraftsmanship, inspired by the iconic façades of Villa Noailles and traditional plaster-shaping techniques. Each panel embodies the unique artistry and poetry of hand-applied methods—scoring, combing, and modelling—imbuing any interior with a rich, distinctive presence.



Craft

74

Panels from the Craft collection are shown above in Gris moyen 417.

1. Bouchardé Patrick Norguet	2. Combed Rodolphe Parente	3. Mica Sebastian Herkner	4. Whipped Rodolphe Parente	5. Comporta Jean-Baptiste Fastrez
6. Drapa Studio LCDA	7. Skarp Studio LCDA	8. Till Studio LCDA	9. Fingerprint Rodolphe Parente	



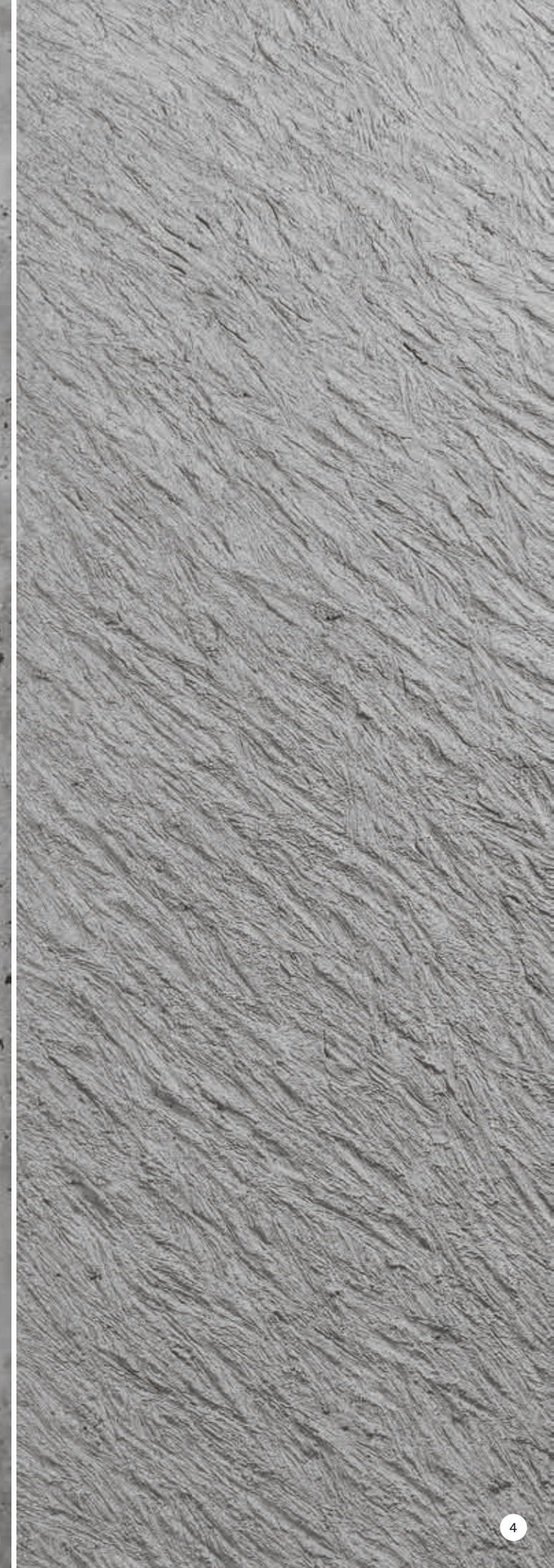
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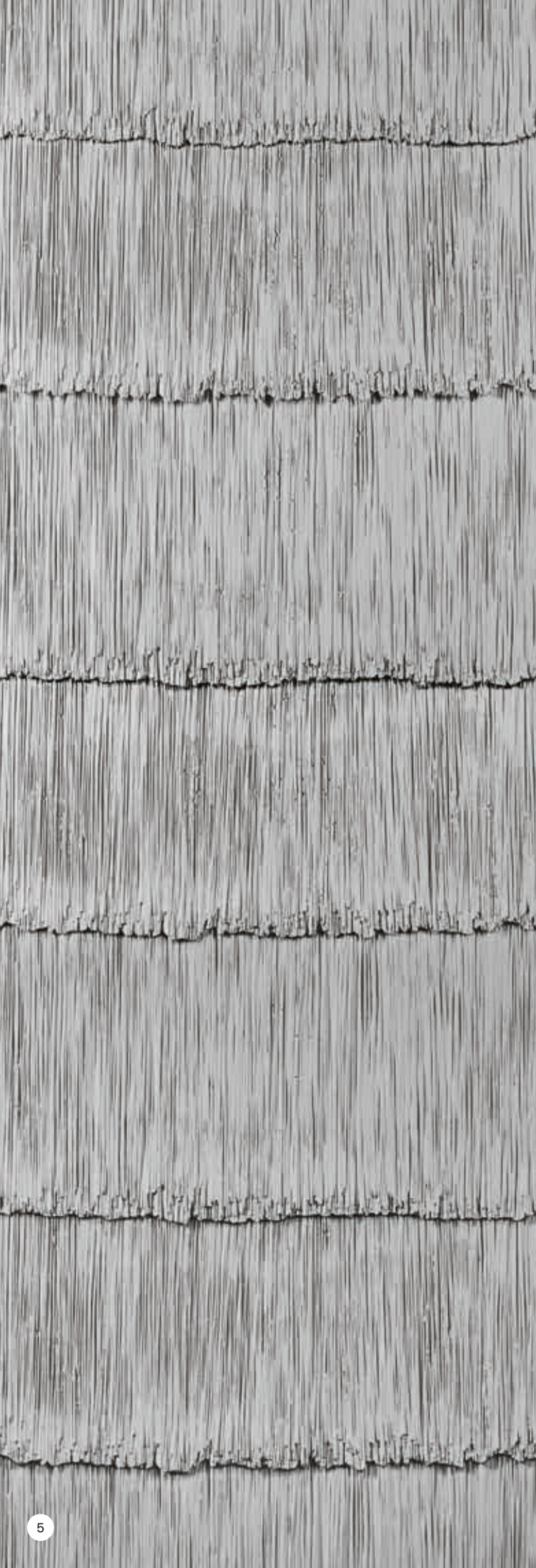
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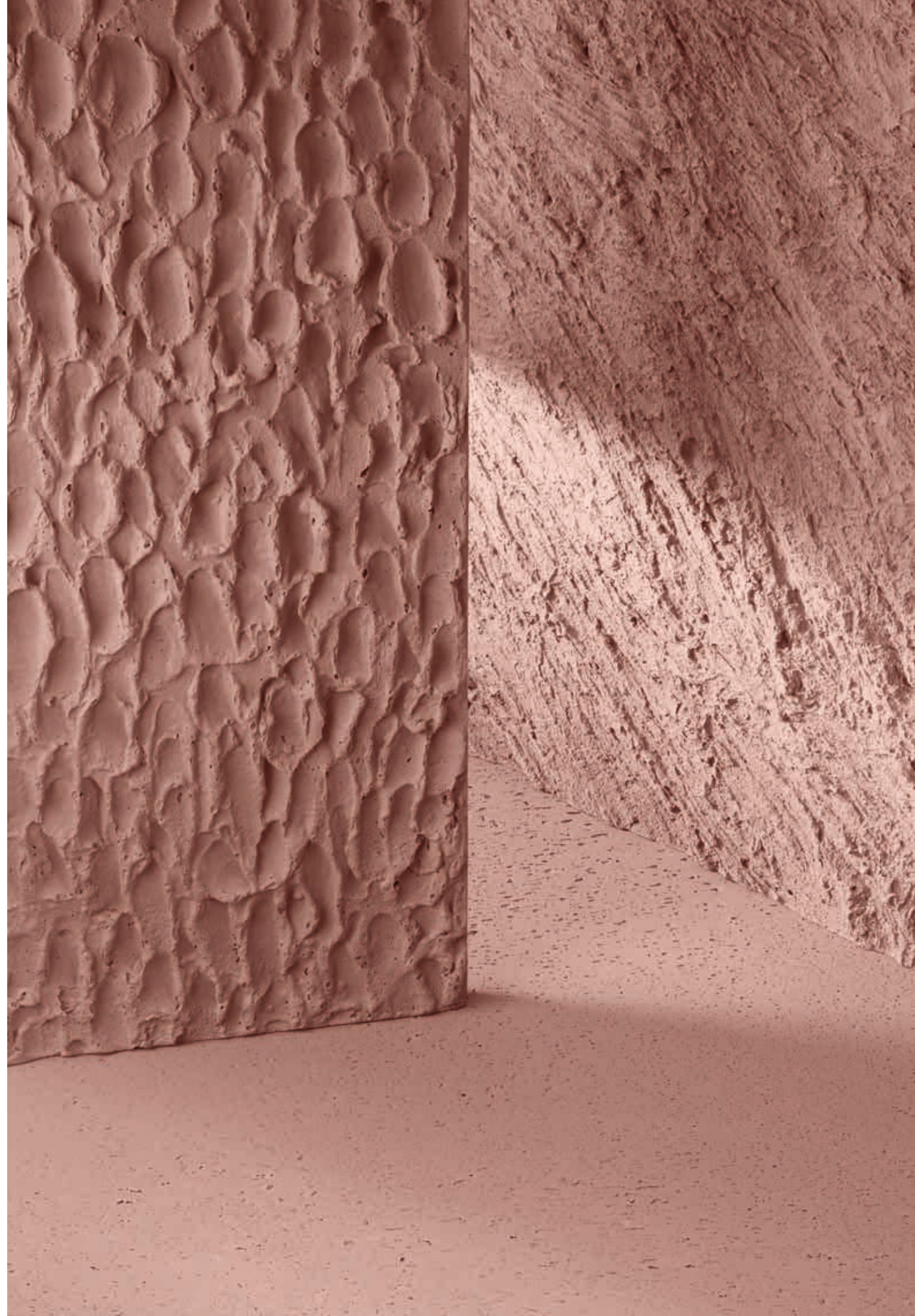


3



4





Ober entrusted its artistic direction to *Normal Studio*, initiating a structuring dynamic at both the group level and across each of its brands, Concrete LCDA and Oberflex. This collaboration continues to evolve, reaffirming its relevance.

For Concrete LCDA, opportunities remain abundant and are consistently rooted in a unique material: ultra-light fiber-reinforced concrete. Through the lens of sustainability, emphasising both form and function. *Normal Studio* takes a holistic approach to design, integrating innovation, creativity and corporate expertise.



Normal Studio

Founded in 2006 by designers Jean-François Dingjian and Eloi Chafaï, *Normal Studio* is an industrial design agency rooted in the principles of elementary design. Their approach informed by object design and hands-on experimentation positions the manufacturing process as both the foundation and creative guide for every project. Whether industrial or artisanal, each object reflects a deep connection to the tools that shape it and the history of its creation.

With a context-driven philosophy emphasising essentials, Dingjian and Chafaï deliver thoughtful design solutions for prestigious brands and manufacturers, resonating with the forms and functions of daily life. Their collaborations include prominent names such as Schneider Electric, Muuto, Hermès, and Puiforcat.

Since 2008, *Normal Studio* has collaborated with companies like Tolix and Sammode, delivering tailored design solutions that align with each brand's identity, heritage, and core materials. Combining design, communication, and visual identity, their holistic approach encourages a forward-thinking narrative grounded in meaningful and sustainable solutions.

Our innovative solutions are the result of close collaborations with architects and designers. More than just distinctive panel designs, we offer a fresh perspective on concrete, expanding the material's technical possibilities while exploring a broad spectrum of uses and combinations. Over the years, our collections have evolved through a unique creative dynamic, merging our factory's artisanal expertise with the creative input of renowned international designers.



matali crasset

Matali Crasset, an internationally renowned French designer, views design as an artistic, anthropological and societal practice. Her innovative approach has had a significant impact at Concrete LCDA, where she led the company's art direction from 2010 to 2015.



Jean-Baptiste Fastrez

French designer, Jean-Baptiste Fastrez graduated from ENSCI – Les Ateliers. After collaborating with the Bouroullec brothers, he founded his own studio in 2011. His practice spans industrial design, limited editions, and scenography. He has worked with Kvadrat, kreo, and Tectona. His works are notably part of the collections of the Centre Pompidou and the Arts Décoratifs.



Sebastian Herkner

Since establishing his studio, German designer Sebastian Herkner has worked in exhibition and interior architecture and the design of everyday objects. From furniture and lighting to accessories, his creations fuse artisanal craftsmanship with advanced technological expertise. Renowned for his bold and innovative designs, Herkner has received numerous prestigious awards.



Ora-ïto

Renowned for his groundbreaking designs since the age of 19, Oraïto explores creative solutions that are both formally innovative and functionally transformative. His collaborations with prestigious international brands are setting new standards in timeless, universal luxury, while embodying the core values of excellence, creativity, and shared vision.



Jean-Marie Massaud

A graduate of the prestigious ENSCI-Les Ateliers in Paris in 1990, Jean-Marie Massaud has worked for decades on a diverse range of projects, including architecture, objects, limited editions, and mass-produced series. His design philosophy is anchored in clean lines and reflects his focus on the relationship between the individual and the collective, as well as the role of industry in addressing environmental concerns.



Neri&Hu

Renowned Shanghai-based designers Lyndon Neri and Rossana Hu are the founding partners of Neri&Hu Design & Research Office. Their design approach whether applied to everyday objects or large-scale housing projects, draws inspiration from a wide range of disciplines and is gaining increasing international attention.



Jean-Philippe Nuel

Studio Jean-Philippe Nuel, with offices in Paris and New York is a prominent name in luxury interior design. Drawing on the expertise of a team of over 30 professionals, the studio offers tailored design solutions for a wide range of brands, including hotels, private residences, concept stores, corporate offices, and cruise ships.



Rodolphe Parente

Rodolphe Parente honed his craft under Andrée Putman, founded his Paris-based studio in 2009, specializing in interior design and furniture. His distinctive style and exclusive creations result from a masterful interplay of volume, color, meticulous detail, and exceptional craftsmanship.



Patrick Norguet

An iconic figure of French design, Patrick Norguet is driven by his passion for exploring diverse realms of design from the pragmatic to the ingenious. Guided by curiosity rather than fleeting trends, his versatile design language spans an extensive array of projects, from designing objects to conceptualizing innovative interior solutions.



Victoria Wilmotte

After gaining experience in manufacturing, Victoria Wilmotte established her design studio in Paris, where she specializes in exploring materials, particularly steel and stone. Everything that emerges from her "VW Factory" whether collaborations with premium design brands, prototypes, or limited editions, reflects her distinctive expertise and signature sculptural aesthetic.

Explore the full potential of our Panbeton® and Slimbeton® decorative panels with the user guide below. Included are model numbers, panel dimensions, uses, product characteristics, and instructions for cutting and installation are included. With Concrete LCDA's fiber-reinforced concrete, integrating our solutions into your design projects has never been easier!

Description

Panbeton® Full size fiber-reinforced concrete panel moulded on a lightweight structural substrate		
Dimensions (in mm / in inch)	Composition	
<p>2600 × 900 102.36" × 35.433"</p> <p>2600 × 1200 102.36" × 47.244"</p> <p>3500 × 900 137.79" × 35.433"</p> <p>3500 × 1200 137.79" × 47.244"</p>	<p>2600 mm / 102.36"</p> <p>900 mm / 35.433"</p>	
Standard dimension available for all models.	Standard dimensions available for a selection of models only. See pages 92/93.	
Thicknesses (in mm / in inch)		
<p>Model "Classic" (side view) Model "Shui" (side view) Model "Rugged" (side view)</p>		
Depending on the model, the thickness of Panbeton® panels ranges from 15 mm to 32 mm / 0.590" to 1.260" with a tolerance of ± 3 mm / 0.118". See table on pages 92/93.		
<ol style="list-style-type: none"> 1. Fiber-reinforced concrete — 5 to 15 mm / 0.196" to 0.590" (depending on the model) 2. Lightweight structural substrate 3. Total thickness — 15 to 32 mm / 0.590" to 1.260" (depending on the model) 		

Slimbeton® Thin fiber-reinforced concrete tile without rear substrate		
Dimensions (in mm / in inch)	Combination (in mm / in inch)	Composition
<p>1200 × 800 47.244" × 31.496"</p> <p>600 × 800 23.622" × 31.496"</p> <p>400 × 600 15.748" × 23.622"</p>	<p>1200 × 800 47.244" × 31.496"</p> <p>600 × 800 23.622" × 31.496"</p> <p>400 × 600 15.748" × 23.622"</p> <p>Example of combination</p>	<p>800 mm / 31.496"</p> <p>1200 mm / 47.244"</p>
<p>Classic: 1200 × 800 mm 47.244" × 31.496", 600 × 800 mm 23.622" × 31.496" and 600 × 400 mm 15.748" × 23.622"</p> <p>Scaffolded 2 mm: 1200 × 800 mm 47.244" × 31.496"</p> <p>Formwork: 1200 × 800 mm 47.244" × 31.496"</p>		<ol style="list-style-type: none"> 1. Fiber-reinforced concrete including a support grid at the rear. 2. Total thickness — 7 mm / 0.275"

Technical details

Technical specifications

	Panbeton®	Slimbeton®
Composition	<ul style="list-style-type: none"> Fiber-reinforced concrete Lightweight structural substrate 	<ul style="list-style-type: none"> Fiber-reinforced Concrete
Treatment	<ul style="list-style-type: none"> Stain protection (treatment D) Stain + Hydrofuge protection (treatment S) 	<ul style="list-style-type: none"> Stain protection (treatment D) Stain + Hydrofuge protection (treatment S)
Mounting & bonding	<ul style="list-style-type: none"> Hybrid polymer adhesive-sealant (available from us) 	<ul style="list-style-type: none"> Hybrid polymer adhesive-sealant (available from us)
Destination surfaces	Can be bonded to any flat, clean secondary surface	Can be bonded to any flat, clean secondary surface
Cutting	Diamond blade Mitre cutting and drilling possible	Diamond blade Mitre cutting and drilling possible
Fire Classification	<ul style="list-style-type: none"> Euroclass B-s1-d0 [Option] Euroclass A2-s1-d0 (with specific substrate: gypsum fiber board) ASTM E84: Class A 	<ul style="list-style-type: none"> Euroclass A1 ASTM E84: Class A
Heat Resistance	Up to 60°C / Up to 140 °F	Up to 60°C / Up to 140 °F
Thermal shock	Resistant	Resistant
Light Resistance	No impact	No impact
Indoor Air Quality	A+	A+
Acoustic	Neutral	Neutral
Excluded	Exterior, floor, shower stall. Not suitable for direct and continuous contact with water.	Exterior, floor, shower stall. Not suitable for direct and continuous contact with water.

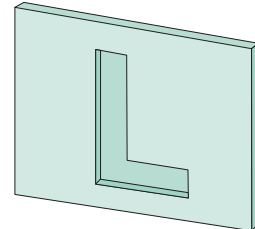
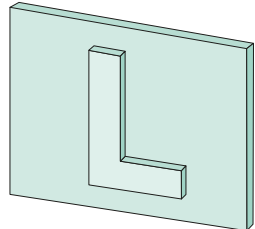
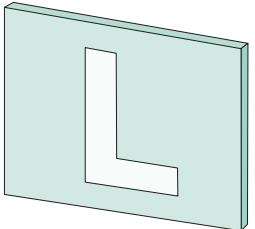
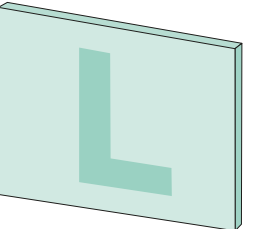
How to specify

General information						
This sample description is intended to make it easier to draw up your Specification Form and to contribute to the success of your project.		It is important to define the panel model and colour at this stage to enable companies to provide an accurate quote, as prices vary from one model to another and from one colour to another.				
Section	Product description					
[e.g., Partitions], [e.g., Interior Joinery], [e.g., Painting], [e.g., Reception desk], etc.	Panbeton®	Slimbeton®				
Location	Full size fiber-reinforced concrete panel, moulded on a lightweight structural support reinforced with a fibreglass fabric coated on both sides.	Thin tile in moulded fiber-reinforced concrete, including a support grid at the rear.				
[e.g., Auditorium], [e.g., Floors 1 to 6], [e.g., Bedrooms], etc.	Model: [e.g. Shui] / [e.g. Scaffolded 2 mm] / ... <ul style="list-style-type: none"> Colors: [e.g. Natural grey 200] / [e.g. Yellow-ochre 420] / ... Bubbling: [e.g. Light pitted] / [e.g. Medium pitted] / [e.g. Heavy pitted] Treatment: [e.g. Stain protection (D)] / [e.g. Hydrofuge + stain protection (S)] Panel dimensions: [e.g. 2600 x 900 mm / 102.36" x 35.433"] / [e.g. 3500 x 1200 mm / 137.79" x 47.244"] / ... 	<ul style="list-style-type: none"> Model: [e.g. Classic] / [e.g. Scaffolded 2 mm] / [e.g. Formwork] Colors: [e.g. Natural grey 200] / [e.g. Yellow-ochre 420] / ... Bubbling: [e.g. Light pitted] / [e.g. Medium pitted] / [e.g. Heavy pitted] Treatment: [e.g. Stain protection (D)] / [e.g. Hydrofuge + stain protection (S)] Panel dimensions: [e.g. 1200 x 800 mm / 47.244" x 31.496"] / [e.g. 400 x 600 mm / 15.748" x 23.622"] / ... Fire Classification: Euroclass A1 Compressive strength: Class R2 Indoor Air Quality: A+ 				
General description	Supply and installation of a concrete panel system such as [e.g. Panbeton®] or [e.g. Slimbeton®] from Concrete LCDA.					
Installation	[e.g. edge-to-edge and butt-joint installation] or [e.g. staggered installation]...					
	The panels are glued directly to the existing substrate using a hybrid polymer mastic adhesive, in accordance with the manufacturer's recommendations.					
Corner panels should be assembled using [e.g. edge-to-edge] or [e.g. with L-profile]... in [ex. edge-to-edge cutting] ou [ex. L-profile]...	<table border="1"> <thead> <tr> <th colspan="2">Manufacturer</th> </tr> </thead> <tbody> <tr> <td>Concrete LCDA 8 rue Copernic 49240 Avrillé, France</td> <td>Tel +33 (0) 2 41 33 99 10 www.concretelcda.com contact@concretelcda.com</td> </tr> </tbody> </table>		Manufacturer		Concrete LCDA 8 rue Copernic 49240 Avrillé, France	Tel +33 (0) 2 41 33 99 10 www.concretelcda.com contact@concretelcda.com
Manufacturer						
Concrete LCDA 8 rue Copernic 49240 Avrillé, France	Tel +33 (0) 2 41 33 99 10 www.concretelcda.com contact@concretelcda.com					

Treatments

	Application	Appearance	Specifically recommended	Maintenance
Treatment D <i>Stain protection</i>	Panbeton® Slimbeton®	Matte	Walls, ceilings and furnitures with a slight risk of staining.	Cleaning with a damp microfiber cloth and a neutral cleaning product (non-corrosive), such as black soap.
Treatment S <i>Stain + Hydrofuge protection</i>	Panbeton® Slimbeton®	Semi-matte	Splash risk zones, high traffic	

Letters and logos

Logos, signage and customization on request for Panbeton® and Slimbeton® – Models concerned see pages 92/93			
			
Recessed pattern 2 mm	Over-thickness pattern 2 mm	Inclusion — bras, stainless steel, alu...	Masking paint

Panbeton®

(1): Tolerance ± 3 mm / 0.118". Total thickness indicated is for 900 mm / 35.43" wide panels.
 For 1200 mm / 47.24" wide panels = add 2.5 mm / 0.198" to the indicated value.
 (2): Indicative total panel weight in standard size 2600 × 900 mm / 102.36" × 35.43" with fire rating B-s1-d0.
 (3): A2-s1-d0 fire classification available in 2600 × 900 mm size / 102.36" × 35.43".

● = Standard
 ○ = On demand

Patterns	Page	Panel dimensions				Total thickness in mm ⁽¹⁾ / in inch	Total weight in kg ⁽²⁾ / in lbs		Bubble patterns			Treatments		Fire rating		All-over matching	Curved panel compatibility	Customization (logo, signage, etc.)
		2600 × 900 mm 102.36" × 35.43"	2600 × 1200 mm 102.36" × 47.24"	3500 × 900 mm 137.8" × 35.43"	3500 × 1200 mm 137.8" × 47.24"				Light pitted	Medium pitted	Heavy pitted	Stain protection (treatment D)	Stain + Hydrofuge protection (treatment S)	B-s1-d0	A2-s1-d0 ⁽³⁾			
Barbican	49	●				20 / 0.787"	50 / 110.23		●	●	●	●	○	●	○		○	
Bouchardé	75	●				15 / 0.590"	30 / 66.14		●	●	●	●	○	●	○		○	
Chevrons (3 options)	67	●				15 / 0.590"	30 / 66.14		●	●	●	●	○	●	○	●	○	
Classic	49	●	●	●	●	15 / 0.590"	30 / 66.14		●	●	●	●	○	●	○	●	●○	○
Combed	75	●				17 / 0.669"	35 / 77.16		●			●	○	●	○		○	
Comporta	75	●				32 / 1.259"	60 / 132.28			●		●	○	●		●		
Drapa	75	●				16 / 0.630"	32 / 70.55		●			●	○	●	○		○	
Factory	59	●				25 / 0.984"	50 / 110.23			●	●	●	○	●	○	●		
Fingerprint	75	●				20 / 0.787"	50 / 110.23		●			●	○	●	○		○	
Fold	59	●				20 / 0.787"	35 / 77.16			●	●	●	○	●	○	●	○	
Fragmentation	59	●				15 / 0.590"	30 / 66.14		●	●	●	●	○	●	○	●	○	
Gèn	49	●				18 / 0.708"	35 / 77.16			●		●	○	●	○	●	○	
Giometry	59	●				19 / 0.747"	40 / 88.18		●	●	●	●	○	●	○	●	○	
Graphite	67	●				18 / 0.708"	40 / 88.18			●		●	○	●	○	●	○	
Lines	49	●				18 / 0.708"	35 / 77.16			●		●	○	●	○	●	○	
Made in Haussmann	67	●				25 / 0.984"	40 / 88.18		●	●	●	●	○	●	○	●	○	
Mica	75	●	●	●	●	15 / 0.590"	30 / 66.14			●		●	○	●	○	●		○
Rugged	49	●				25 / 0.984"	60 / 132.28			●		●	○	●		●		
Scaffolded 2 mm	49	●	●	●	●	15 / 0.590"	30 / 66.14		●	●	●	●	○	●	○	●	○	○
Scaffolded 15 mm	49	●				25 / 0.984"	35 / 77.16		●	●	●	●	○	●		●		○
Shan	59	●				20 / 0.787"	40 / 88.18			●	●	●	○	●	○	●	○	
Shui	59	●				20 / 0.787"	40 / 88.18			●	●	●	○	●	○	●	○	
Shuttered Vertical Wood	67	●	●	●	●	15 / 0.590"	30 / 66.14		●	●	●	●	○	●	○	●	○	○
Skarp	75	●				16 / 0.630"	32 / 70.55		●			●	○	●	○		○	
Slats	59	●		●		20 / 0.787"	35 / 77.16		●	●	●	●	○	●	○	●	○	
Striation	49	●				18 / 0.708"	35 / 77.16			●		●	○	●	○	●		
Till	75	●				16 / 0.630"	32 / 70.55		●			●	○	●	○		○	
Timber (3 options)	67	●				19 / 0.747"	45 / 97.00		●	●	●	●	○	●	○	●	○	
Trio 2 mm	49	●				15 / 0.590"	30 / 66.14		●	●	●	●	○	●	○	●	○	○
Trio 15 mm	49	●				25 / 0.984"	35 / 77.16		●	●	●	●	○	●		●		○
Vertical Planks	67	●		●		15 / 0.590"	35 / 77.16		●	●	●	●	○	●	○	●	○	
Whipped	75	●				20 / 0.787"	50 / 110.23		●			●	○	●	○		○	
Yun	59	●				20 / 0.787"	45 / 97.00			●	●	●	○	●	○	●	○	

Slimbeton®

(4): Total thickness for standard size 1200 × 800 mm / 47.24" × 31.50". Tolerance: ± 2 mm / 0.078"
 (5): Indicative total panel weight for standard size 1200 × 800 mm / 47.24" × 31.50".

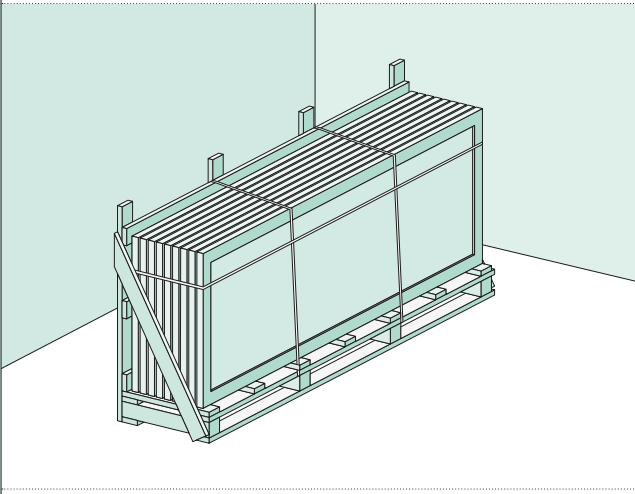
● = Standard
 ○ = On demand

Patterns	Page	Panel dimensions			Total thickness in mm ⁽⁴⁾ / in inch	Total weight in kg ⁽⁵⁾ / in lbs		Bubble patterns			Treatments		Fire rating	All-over matching	Customization (logo, signage, etc.)
		1200 × 800 mm 47.24" × 31.50"	600 × 800 mm 23.62" × 31.50"	400 × 600 mm 15.74" × 23.62"				Light pitted	Medium pitted	Heavy pitted	Stain protection (treatment D)	Stain + Hydrofuge protection (treatment S)	A1		
Classic	49	●	○	○	7 / 0.27"	12 / 26.5		●	●	●	●	○	●	●	○
Scaffolded 2 mm	49	●	○	○	7 / 0.27"	12 / 26.5		●	●	●	●	○	●	●	○
Formwork	-	●	○	○	7 / 0.27"	12 / 26.5		●	●	●	●	○	●	●	○

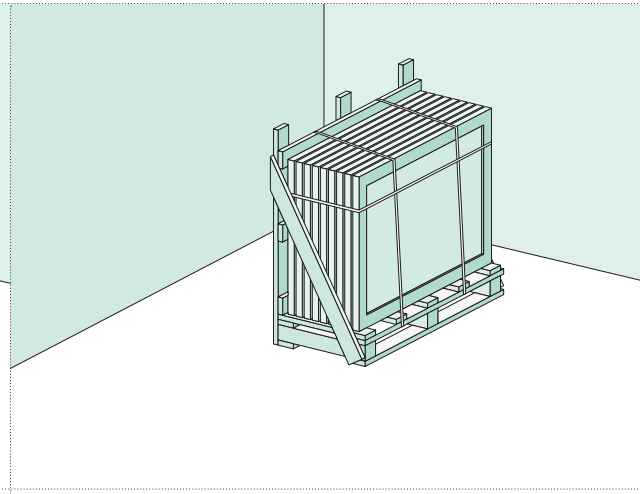
Packaging

→ Panels are delivered on edge, on pallets or crates.
 → Standard panels are stored wrapped in sets of two panels (except where otherwise noted).

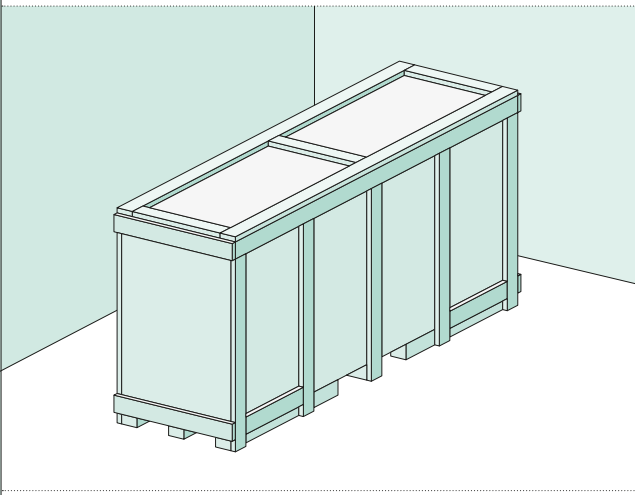
→ Quality control is carried out at the factory, and the crate/pallet remains closed/sealed until delivery.



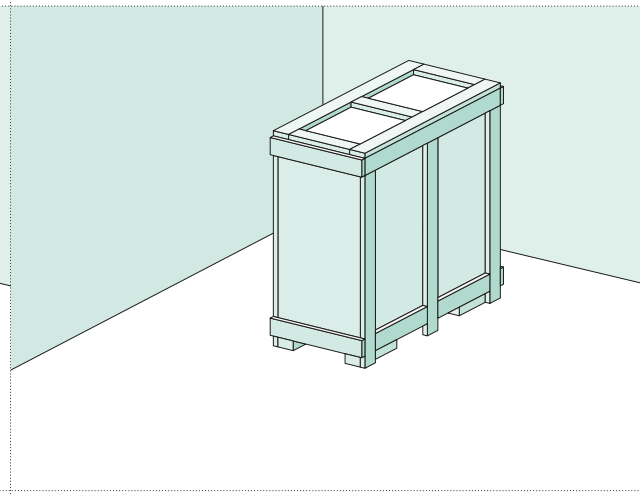
Panbeton® Pallets



Slimbeton® Pallets



Panbeton® Crates



Slimbeton® Crates

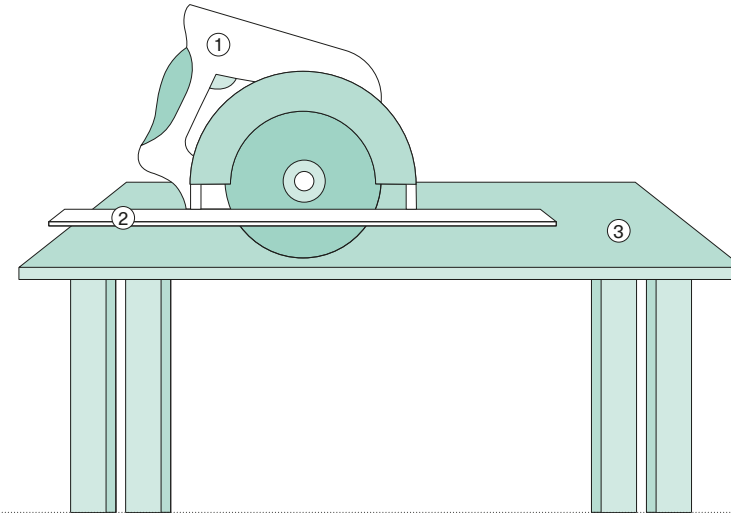
Dimensions (in mm / in inch)

	Panbeton® 2600 x 900 102.36" x 35.433"	Panbeton® 2600 x 1200 102.36" x 47.244"	Panbeton® 3500 x 900 ou 3500 x 1200 137.79" x 35.433" or 137.79" x 47.244"	Slimbeton® 1200 x 800 47.244" x 31.496"
Pallets	2750 x 600 x 1250 108.27" x 23.622" x 49.213"	2750 x 775 x 1500 108.27" x 30.512" x 59.055"	3650 x 775 x 1500 143.70" x 30.512" x 59.055"	1350 x 600 x 1250 53.150" x 23.622" x 49.213"
Crates	2750 x 775 x 1250 108.27" x 30.512" x 49.213"	2750 x 775 x 1500 108.27" x 30.512" x 59.055"	3650 x 775 x 1500 143.70" x 30.512" x 59.055"	1350 x 600 x 1150 53.150" x 23.622" x 49.213"

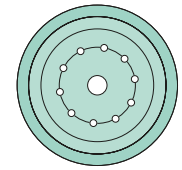
Cutting

For a clean and smooth cut, we recommend:

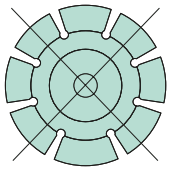
1. A cutting table, the panel must be placed on it with concrete side facing up.
2. A guide rail + plunge saw equipped with a diamond blade.
3. A dry cutting.
4. Drilling (ex. electrical outlet): use a diamond-coated hole saw.



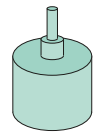
1. Circular Saw
2. Guide Rail
3. Cutting table



Diamond blade with continuous rim



Do not use a wood blade

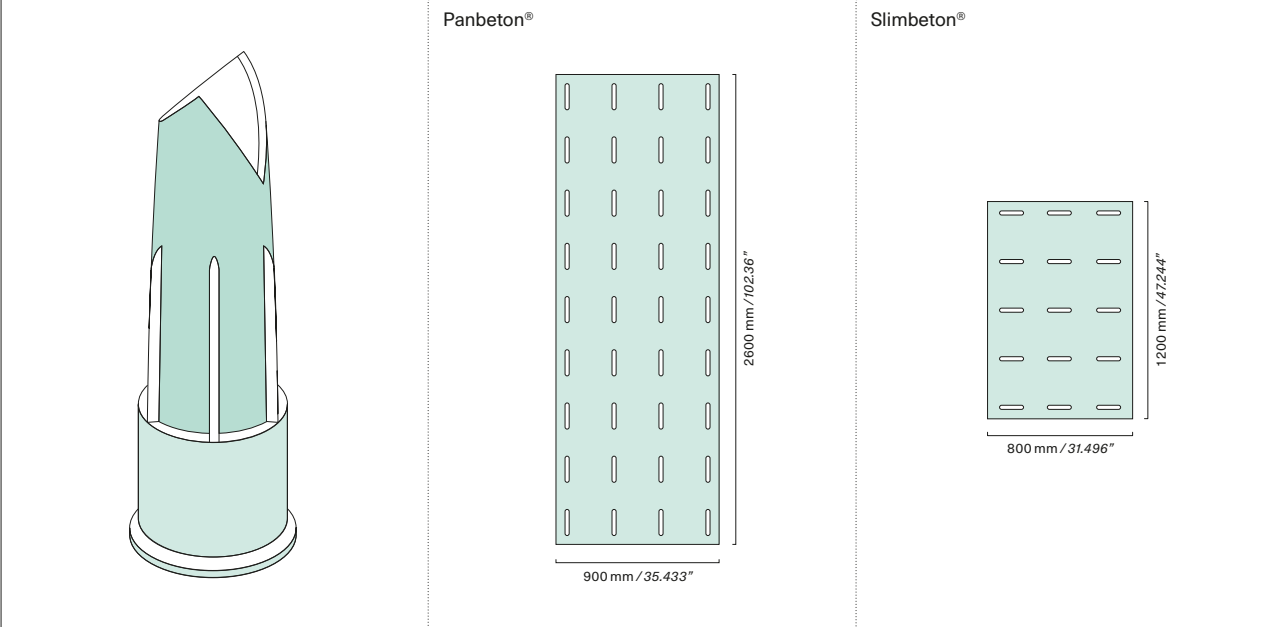


Drilling with a diamond core drill

Gluing

- Substrate walls designated for panel installation shall be structurally sound, dimensionally stable, dry, and free from dust, loose particles, or contaminants.
- Recommended adhesive: hybrid polymer adhesive sealant, such as Hybrifix 550, available from our team. Follow the manufacturer's instructions carefully.
- The adhesive can be applied directly on the panel or on the wall.
- Recommended amount of adhesive:
 Panbeton®: 2 adhesive cartridges per standard-sized panel for 2600 × 900 mm / 102.36" × 35.433".
 Slimbeton®: 1 adhesive cartridge per standard-sized panel for 1200 × 800 mm / 47.244" × 31.496".

Recommendations for panel bunding



Make a "V" cut at the nozzle exit

Apply the adhesive in vertical beads at intervals of approximately 10 cm / 3.937"

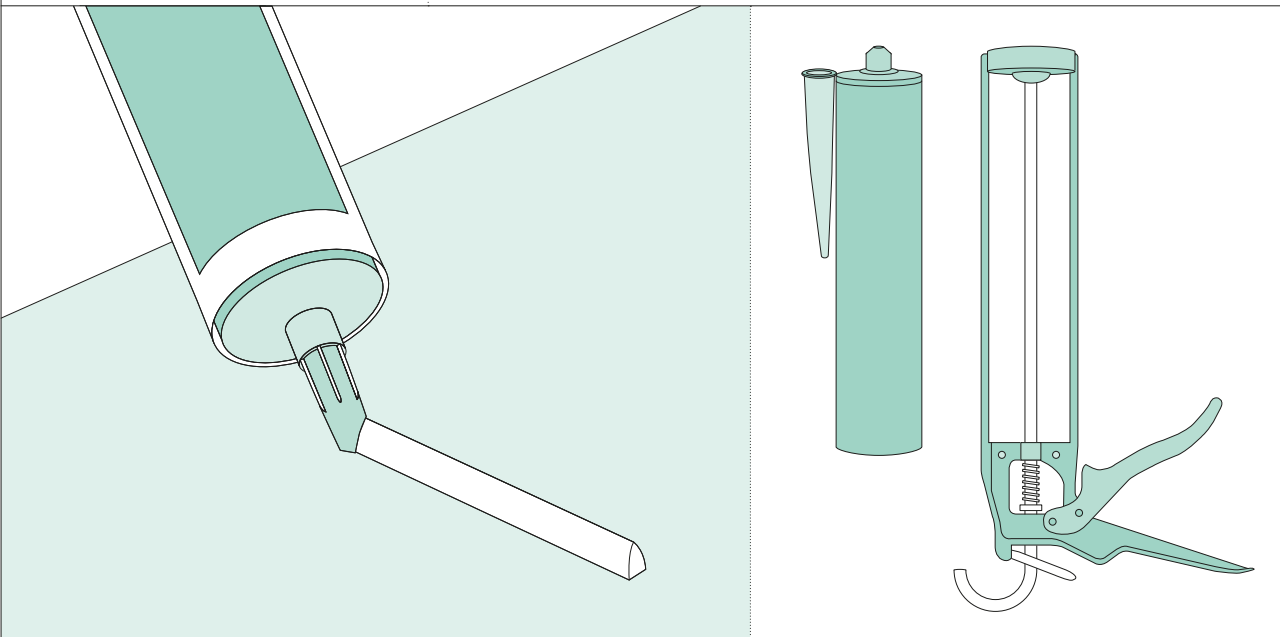


Illustration of adhesive beads

Hybrid polymer adhesive sealant + Glue gun

Installation steps

Preparation and Measurements

- Take the wall measurements and establish a layout plan.
- Cut the panels to ensure a proper fit and check them in place before applying adhesive.

1. Adhesion

- Apply the adhesive directly to the cleaned wall or directly to the back of the panel.
- Quickly position the panel at the bottom against the wall.
- Maintain a 1 to 2 mm gap from the wall to facilitate adjustments.

2. Adjustment

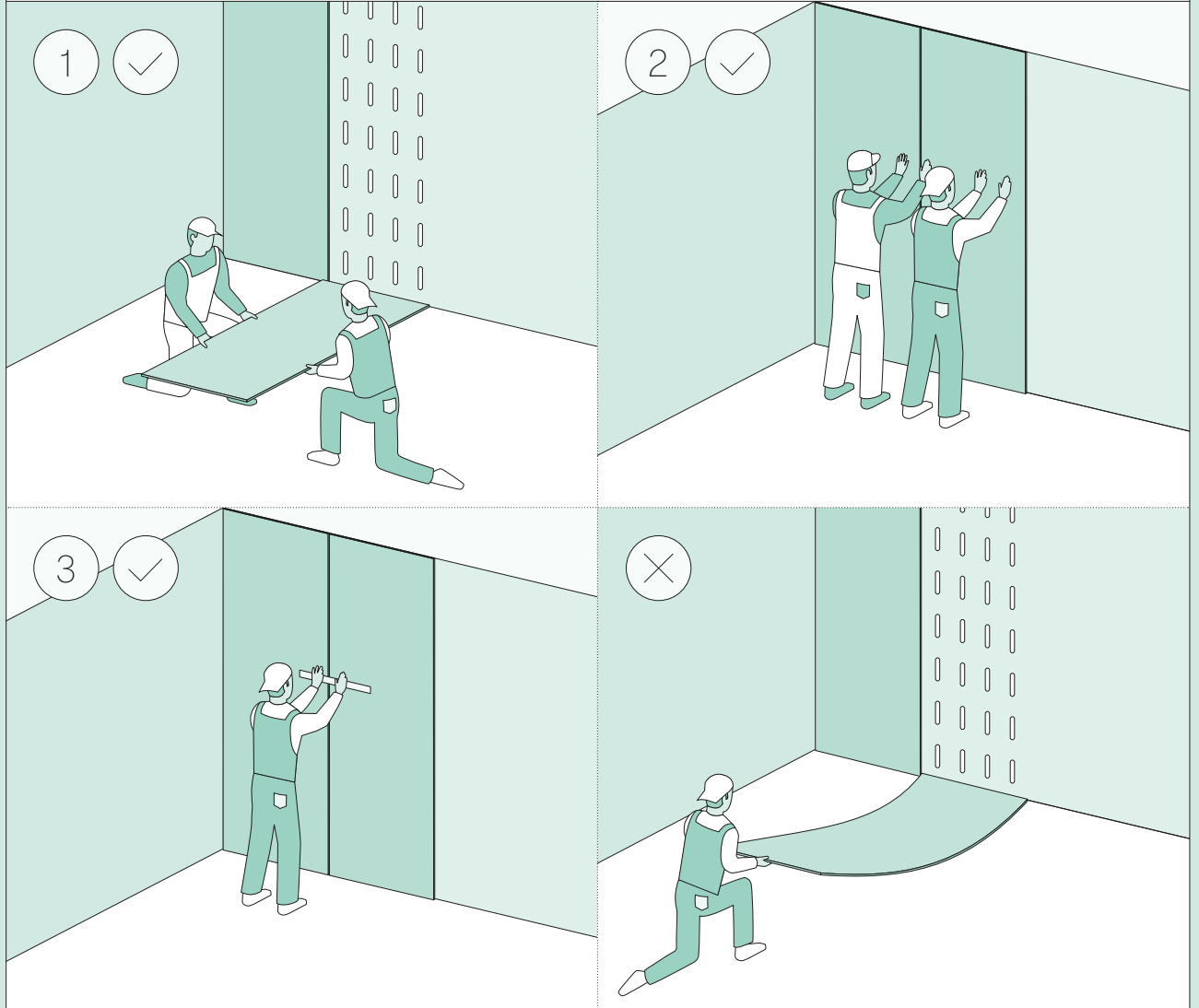
- Adjust the flatness and alignment of the panels for a few minutes, taking advantage of the adhesive's elasticity.
- First press the edges, then the entire surface to evenly distribute the adhesive. Slightly curved panels will straighten themselves thanks to their flexibility. Use a straightedge if necessary.

3. Checking

- Check the alignment using a level. Temporary support for the panel is generally unnecessary due to the initial adhesion.

Spacing between panels

- Panbeton®: install edge to edge, with no gap.
- Slimbeton®: it is recommended to leave a 2 mm / 0.078" gap between each panel, using temporary spacers.



Angles

Panbeton®

① ②

Edge to edge angle

① ②

45° cut

① ②

"L" profile

① ②

Angle profile

Slimbeton®

① ②

Edge to edge angle

① ②

45° cut

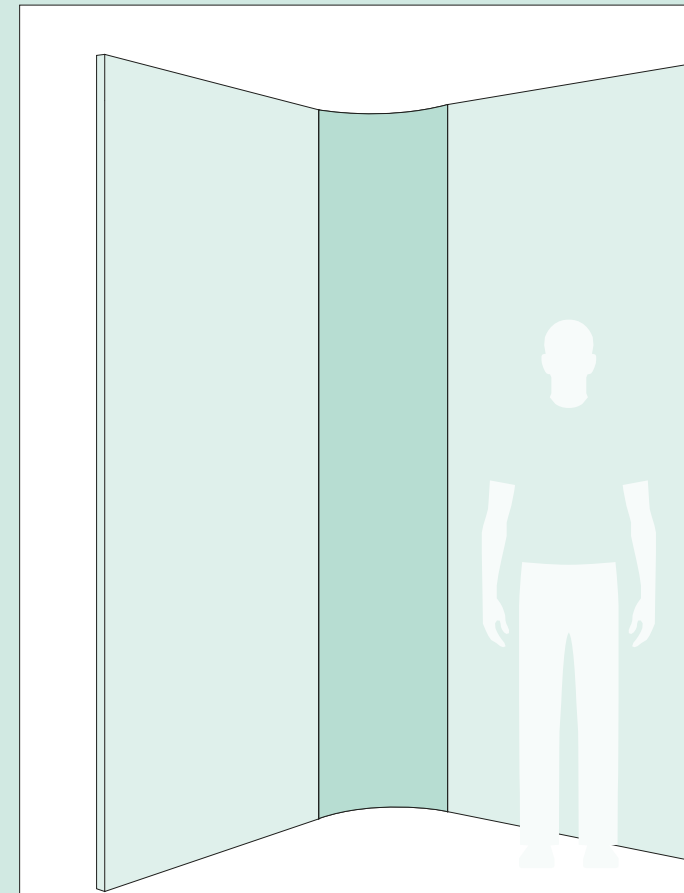
① ②

"L" profile

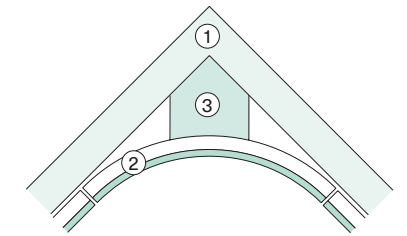
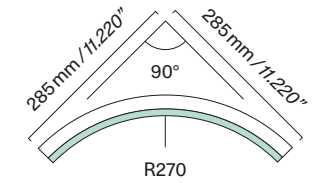
① ②

"L" profile

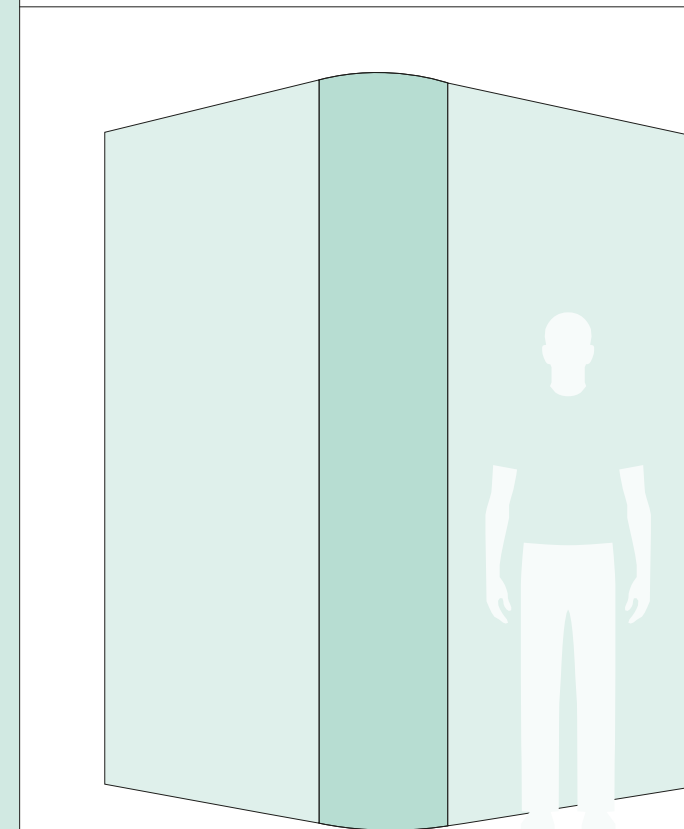
Curves



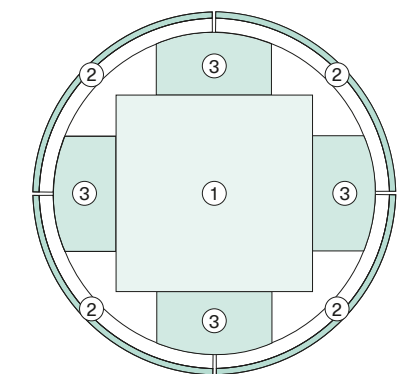
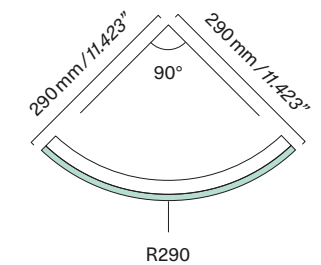
Concave



1. Wall/Pillar
2. Panbeton® curved
3. Reinforcement structure (not supplied)



Convex



- Cladding of existing pillars:
- Square pillar: maximum size 360 × 360 mm / 14.173" × 14.173"
 - Round pillar: maximum diameter 540 mm / 21.260"
- The fastening structures must be custom-made, depending on the dimensions of the pillars and the chosen installation method.

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