

PANORAMIC

porcelain surfaces™

FLOOR | WALL | COUNTERTOPS



Photo features Titanium Grey on the center wall and floor and Blanc on the left wall.



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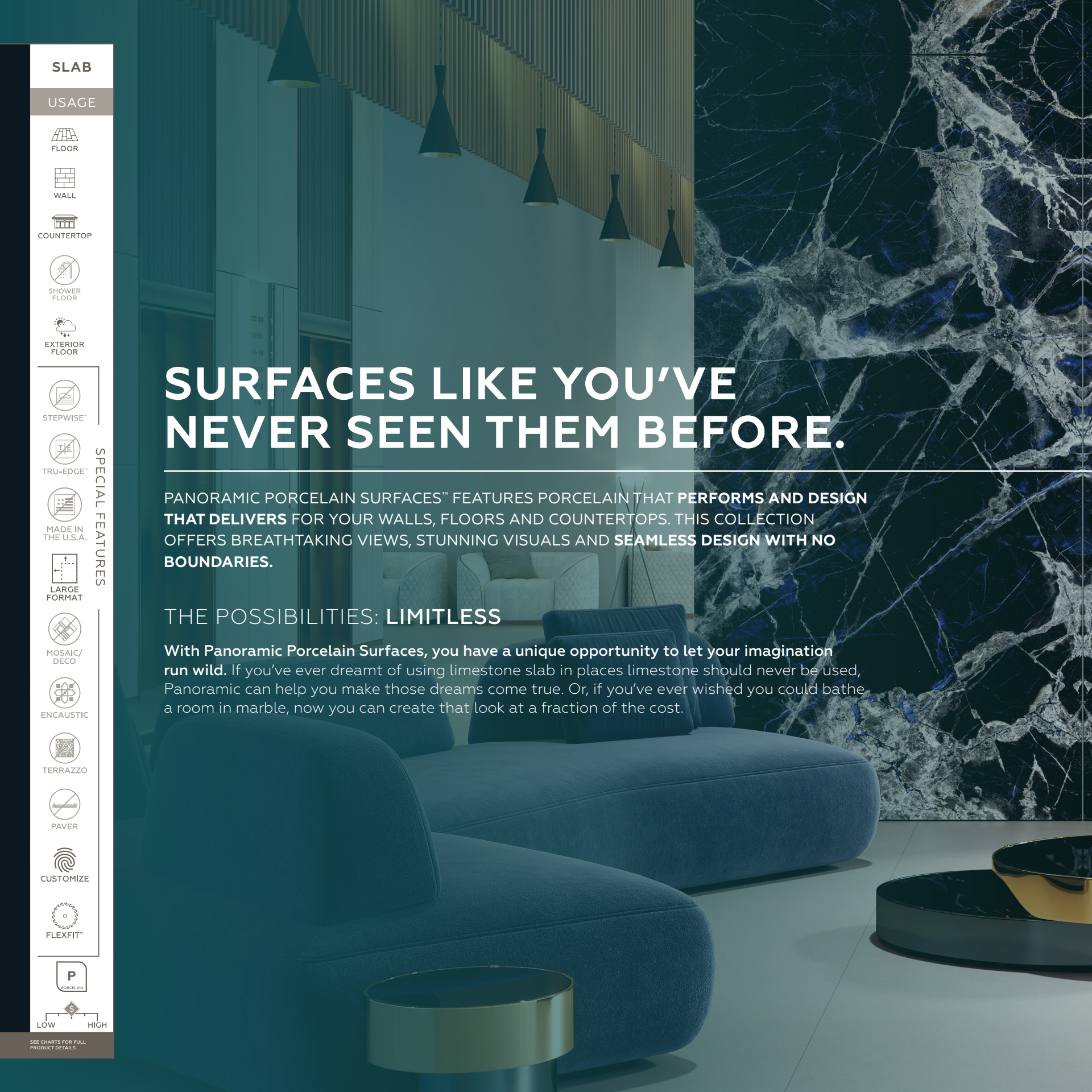
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Front cover photo features Elestial on the island, countertop, backsplash, and floor.



SLAB

USAGE

- FLOOR
- WALL
- COUNTERTOP
- SHOWER FLOOR
- EXTERIOR FLOOR

SPECIAL FEATURES

- STEPWISE™
- TRU-EDGE™
- MADE IN THE U.S.A.
- LARGE FORMAT
- MOSAIC/ DECO
- ENCAUSTIC
- TERRAZZO
- PAVER
- CUSTOMIZE
- FLEXFIT™

P PORCELAIN

LOW HIGH

SEE CHARTS FOR FULL PRODUCT DETAILS

SURFACES LIKE YOU'VE NEVER SEEN THEM BEFORE.

PANORAMIC PORCELAIN SURFACES™ FEATURES PORCELAIN THAT **PERFORMS AND DESIGN THAT DELIVERS** FOR YOUR WALLS, FLOORS AND COUNTERTOPS. THIS COLLECTION OFFERS BREATHTAKING VIEWS, STUNNING VISUALS AND **SEAMLESS DESIGN WITH NO BOUNDARIES.**

THE POSSIBILITIES: **LIMITLESS**

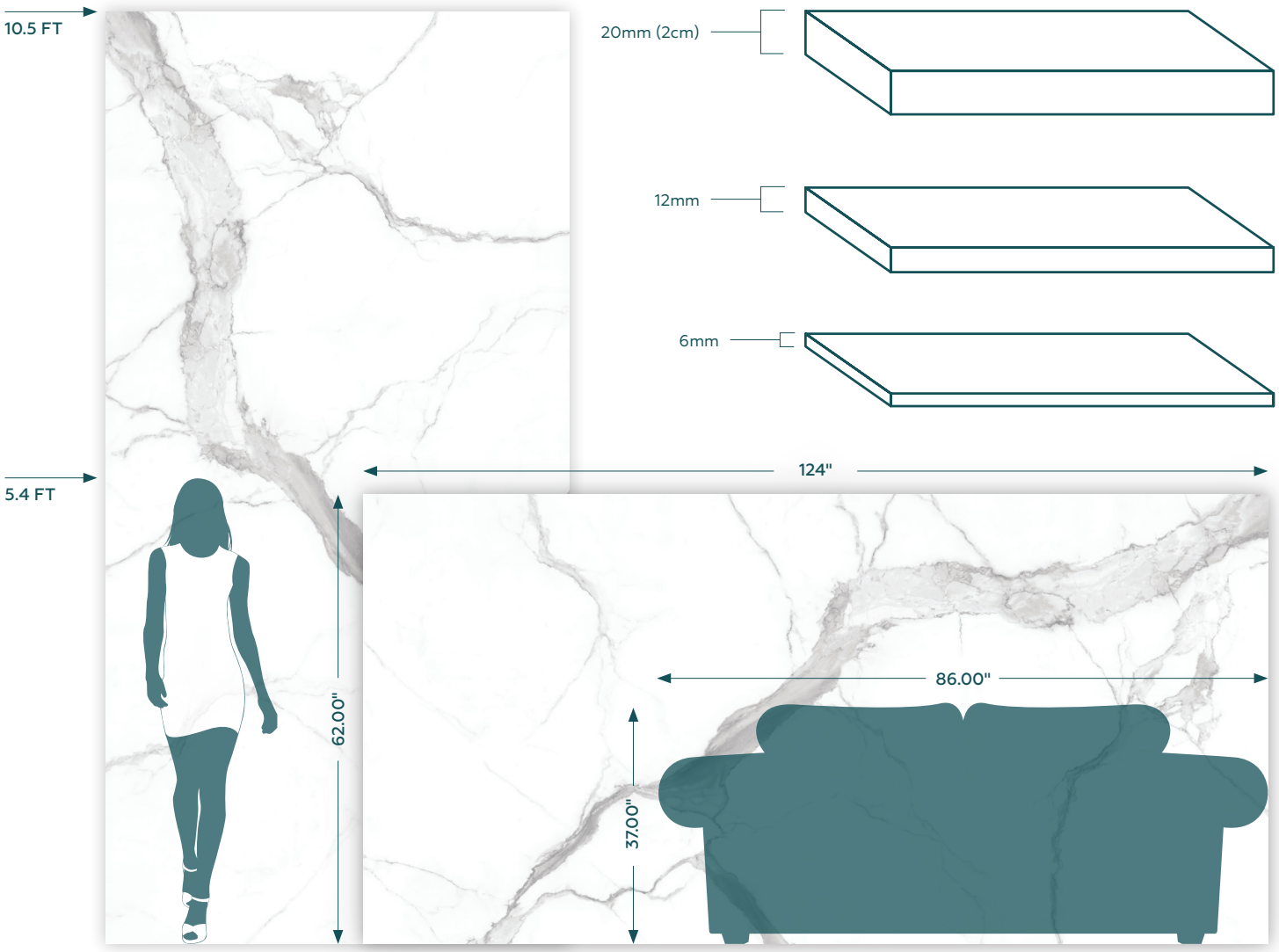
With Panoramic Porcelain Surfaces, you have a unique opportunity to let your imagination run wild. If you've ever dreamt of using limestone slab in places limestone should never be used, Panoramic can help you make those dreams come true. Or, if you've ever wished you could bathe a room in marble, now you can create that look at a fraction of the cost.



Photo features Imperial Status on the back wall and Stonewall Coal on the floor.

FEATURES & BENEFITS

THICKNESS AND SIZES



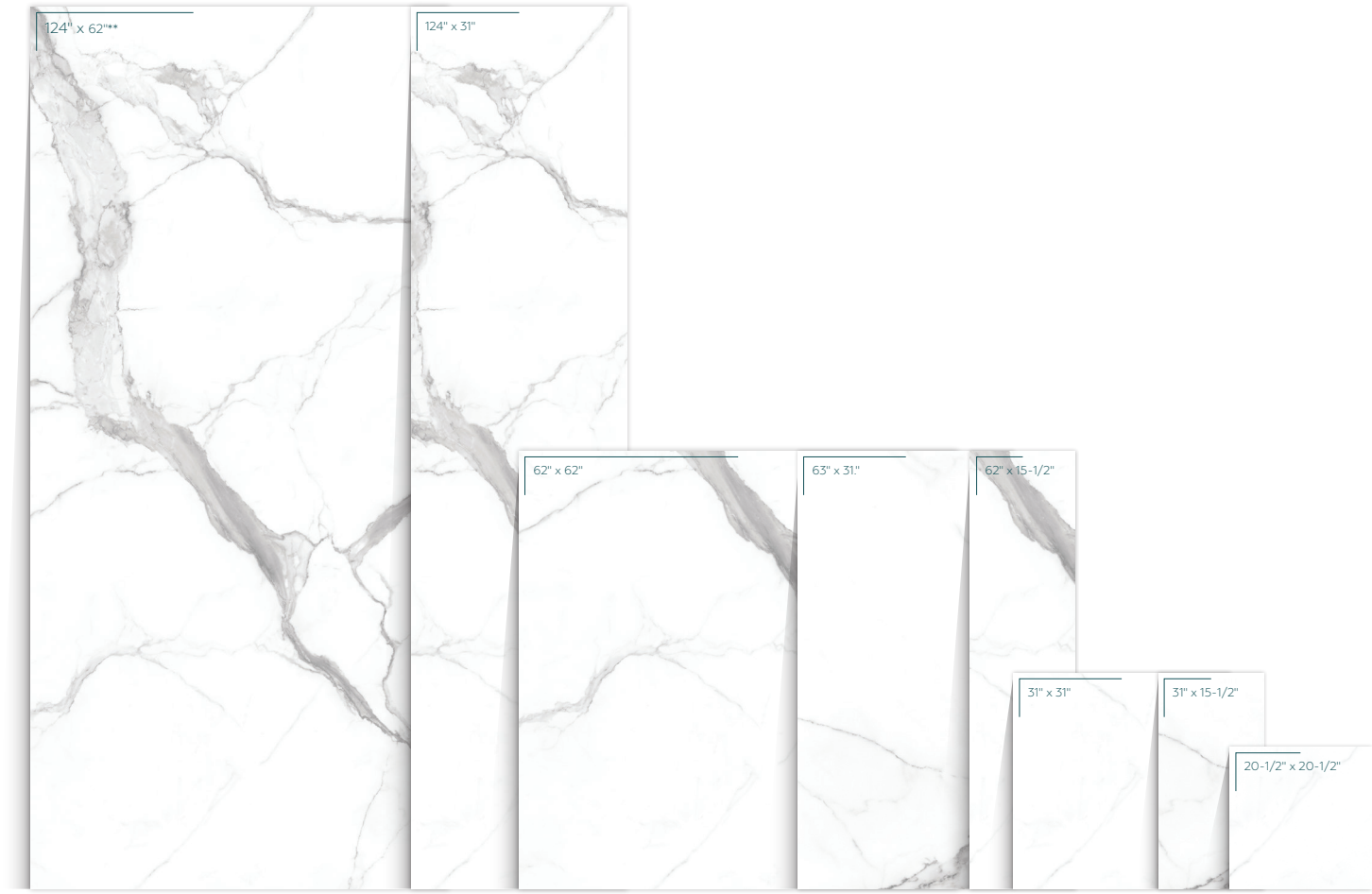
ASK ABOUT OUR **FLEXFIT™** CUSTOM CUT TO SIZE PROGRAM.

CUSTOMQUOTE@DALTILE.COM

- ONE **SLAB** | 7 SIZES | **ALL** PANORAMIC PORCELAIN SURFACES™ COLORS
- THE LOOK OF NATURAL STONE & CONCRETE AND THE **DURABILITY OF PORCELAIN**
- SEAMLESS DESIGN WITH **NO LIMITATIONS**
- REDUCE INSTALLATION TIME & COST WITH THIS PERFECT **TILE OVER TILE SOLUTION**

STANDARD SIZES AVAILABLE*:

(6mm or 12mm)



* Custom sizes as well as modular sizes for pattern installations available. All requests subject to minimum order quantities & lead times. Contact us for details & pricing.
** 126" x 63" for 6mm and 127" x 64" for 12mm

WHERE PANORAMIC WORKS



COMMERCIAL

Panoramic Porcelain Surfaces offer durability and aesthetic appeal, creating a sophisticated, welcoming space with easy maintenance for a lasting elevated look in high-traffic areas.



HOME BUILDERS

Offering a versatile range of design options that cater to diverse buyer preferences, customize a space from ultra-modern to timeless and any style in between.



SINGLE UNIT HOMES

Countertops are the centerpiece of kitchens and bathrooms. Panoramic Porcelain Surfaces combine functionality with elegance to create a seamless aesthetic and the ability to harmonize floor, wall, and countertop.



MULTIFAMILY

Panoramic Porcelain Surfaces are designed for both style and resilience, standing up to daily wear while enhancing the overall appeal of exterior cladding, communal spaces and individual units.



Photo features Elestial on the island, countertop, backsplash, and floor.



ELEMENTAL SELECTION

ELEVATE THE AMBIANCE OF VIRTUALLY ANY SPACE WITH THE SOPHISTICATED MARBLE LOOKS WITHIN ELEMENTAL SELECTION.

Create drama with striking vein patterns, or infuse tranquility with subtle marbling designs. Large format slabs create fewer grout lines for a more seamless appearance in both glossy and matte finishes. By combining the look of natural stone with the value and ease of porcelain, Elemental Selection reinvents classic décor.

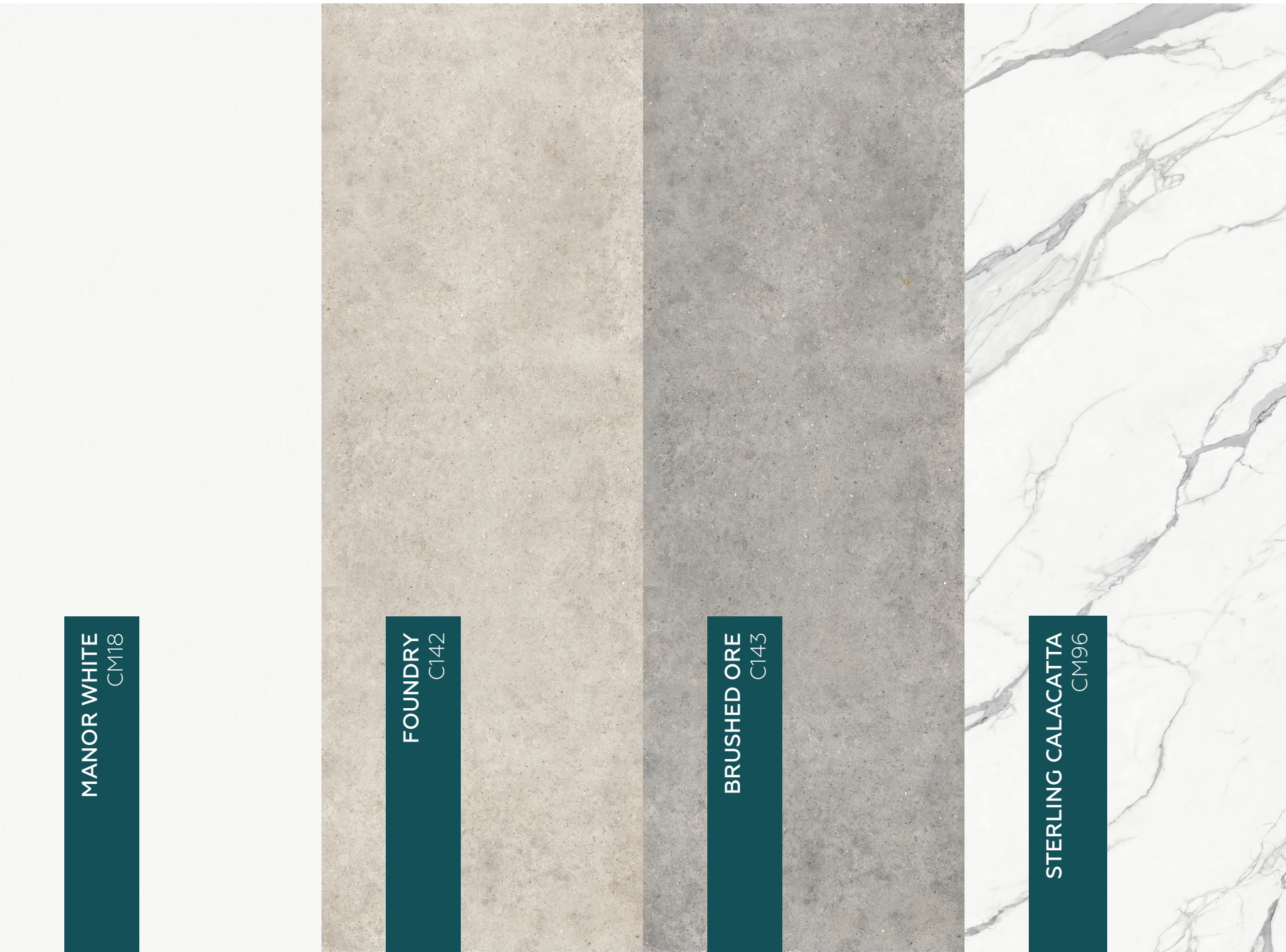
Photo features Smoked Geode on the floor and wall.



Photo features Calacatta on the countertop.

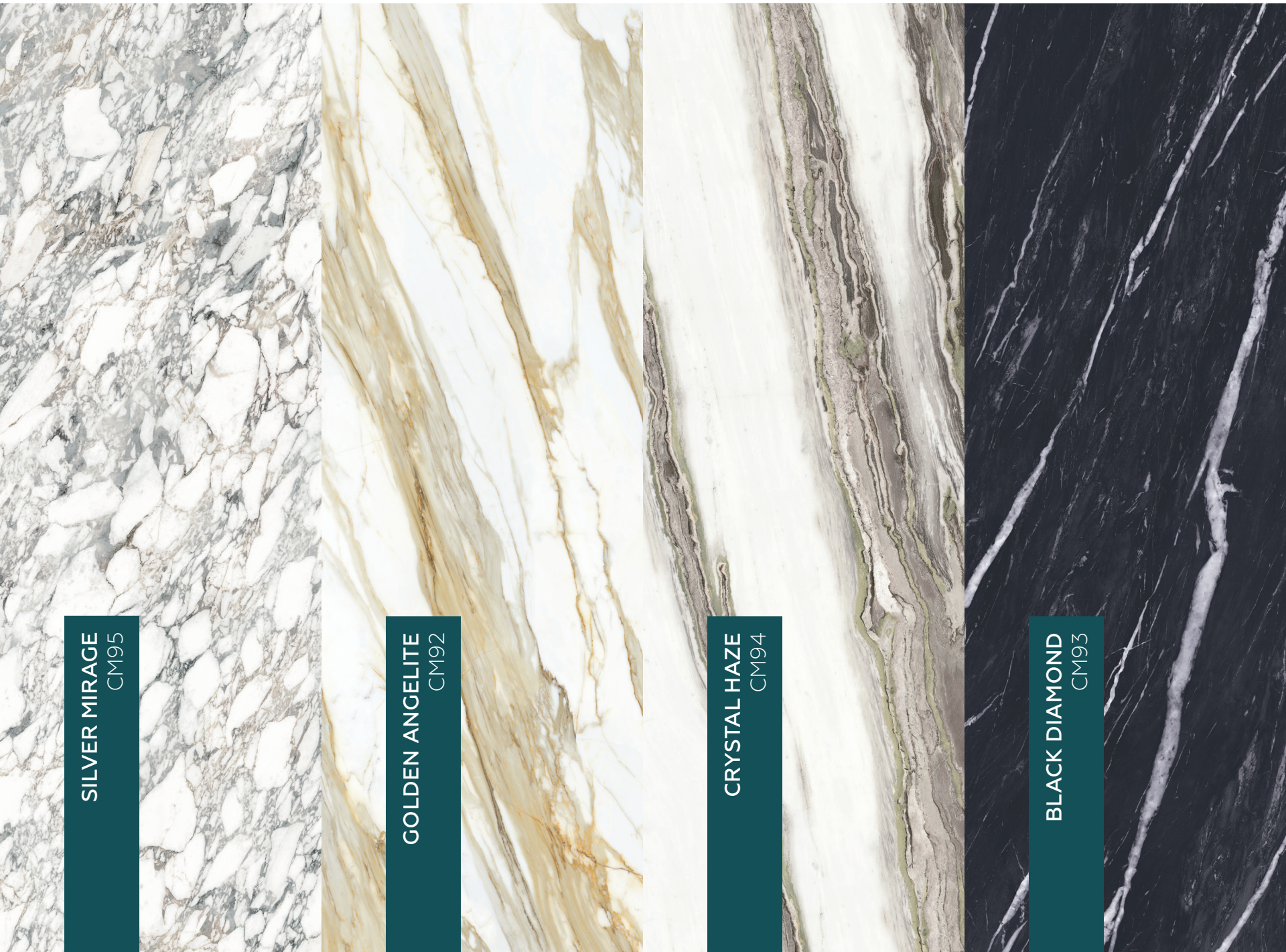
INTRODUCING A NEW

THICKNESS



PANORAMIC PORCELAIN JUST GOT **BIGGER** WITH THE ADDITION OF

EIGHT COLORS IN **20mm (2cm) THICKNESS!**



BLANC CM05

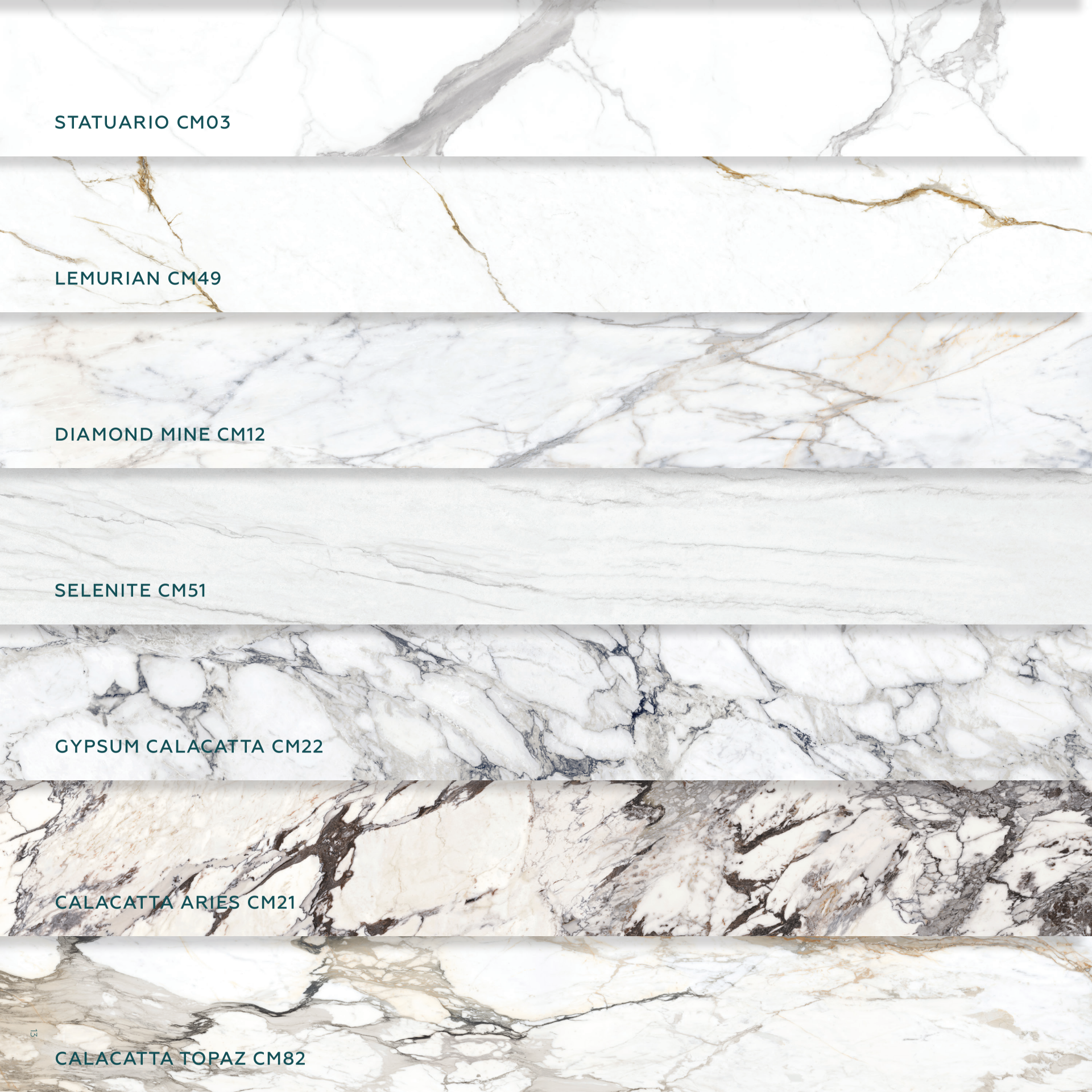
MARFIL CM06

MOONSTONE CM11

CALACATTA CM04

OPALITE CM55

WHITE JADE CM56


STATUARIO CM03
LEMURIAN CM49
DIAMOND MINE CM12
SELENITE CM51
GYPSUM CALACATTA CM22
CALACATTA ARIES CM21
CALACATTA TOPAZ CM82

PEONY HS04

DAWN HS05

HORIZON HS07

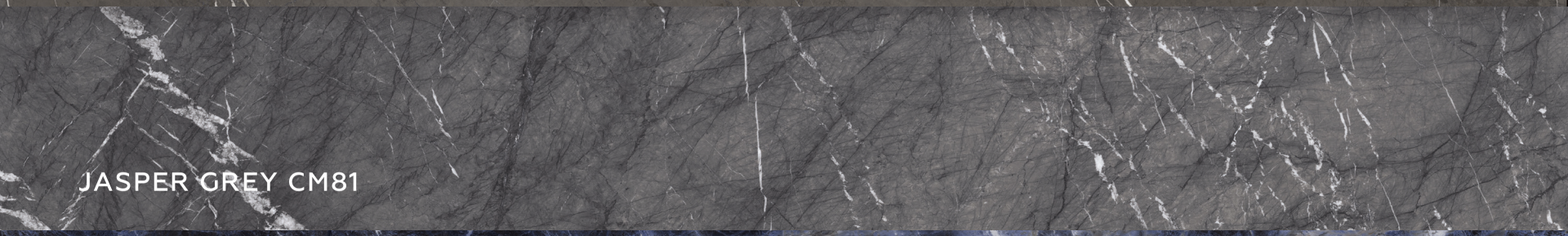
SMOKED GEODE CM58

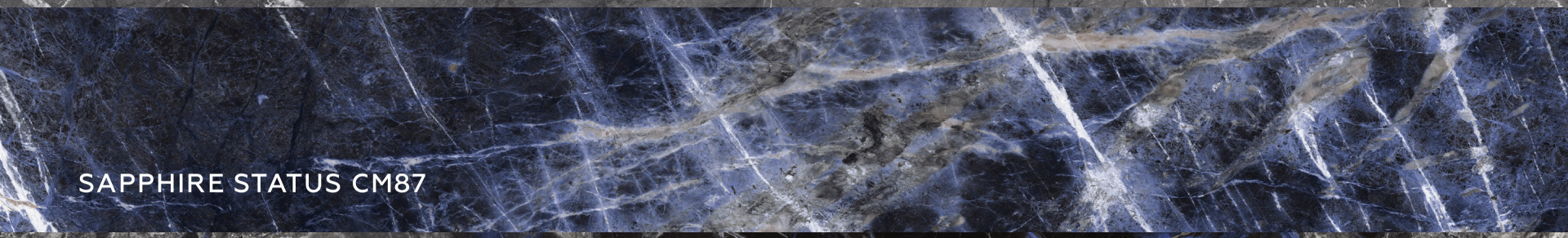
ELESTIAL CM48

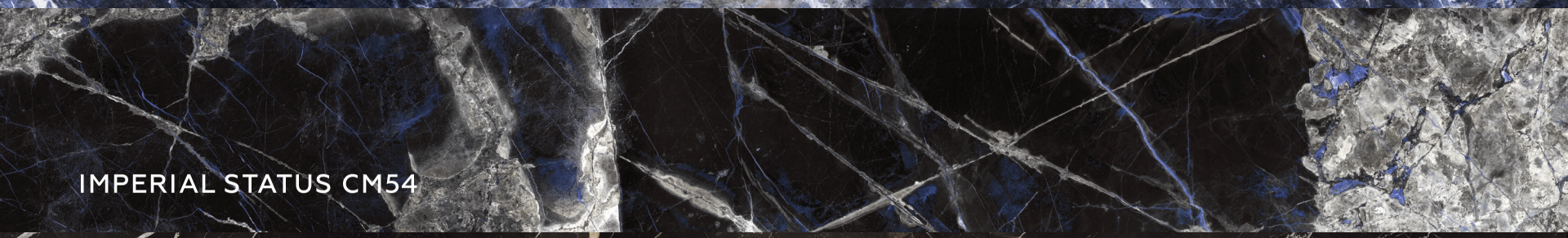
OPAL TRAVERTINE CM84

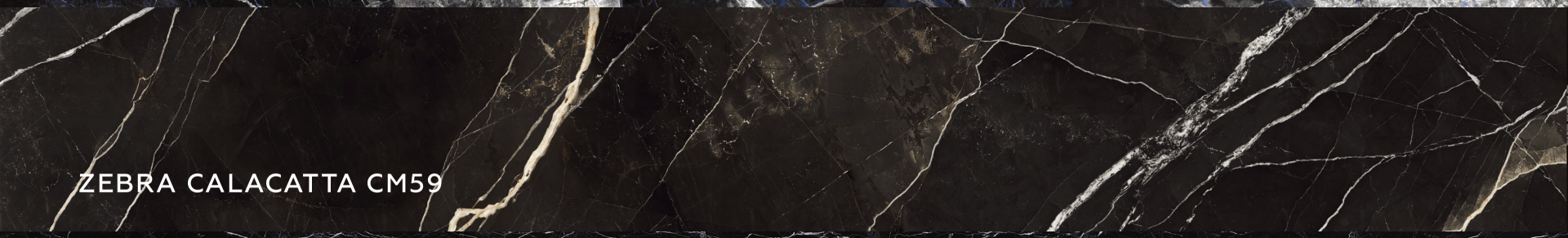
TITANIUM GREY CM13


SUNSTONE CM57

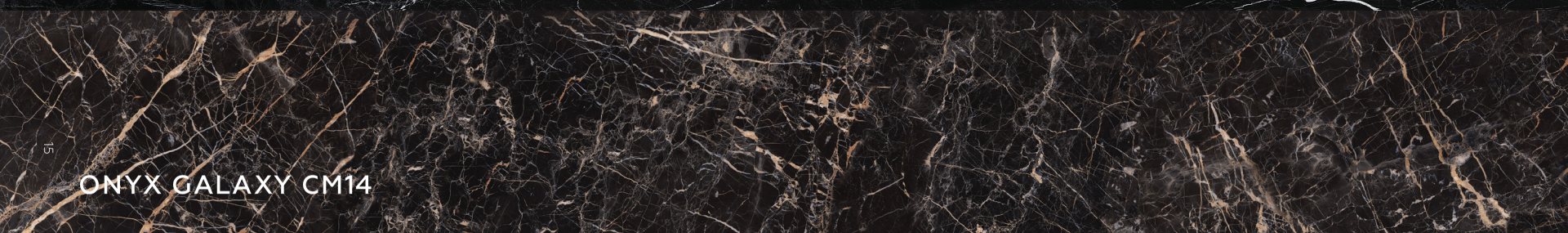

JASPER GREY CM81


SAPPHIRE STATUS CM87


IMPERIAL STATUS CM54


ZEBRA CALACATTA CM59


ANTHRACITE CM85


ONYX GALAXY CM14

STERLING CALACATTA CM96







BOOK



AVAILABLE IN 20MM (2CM) ONLY

SILVER MIRAGE CM95





GOLDEN ANGELITE CM92





GOLDEN ANGELITE

BOOK


MATCH
AVAILABLE IN 20MM (2CM) ONLY

CRYSTAL HAZE CM94





AVAILABLE IN 20MM (2CM) ONLY

BLACK DIAMOND CM93





BLANC CM05









MOONSTONE CM11





CALACATTA CM04





BOOK



AVAILABLE IN 12MM ONLY





BOOK

MATCH

AVAILABLE IN 6MM AND 12MM

WHITE JADE CM56





STATUARIO CM03







BOOK



AVAILABLE IN 6MM AND 12MM

LEMURIAN CM49







INFINITY



VEIN

ALSO AVAILABLE IN BOOK MATCH
AVAILABLE IN 6MM ONLY





INFINITY

VEIN

AVAILABLE IN 6MM ONLY

DIAMOND MINE CM12







BOOK



AVAILABLE IN 12MM ONLY

SELENITE CM51





GYPSUM CALACATTA CM22







BOOK

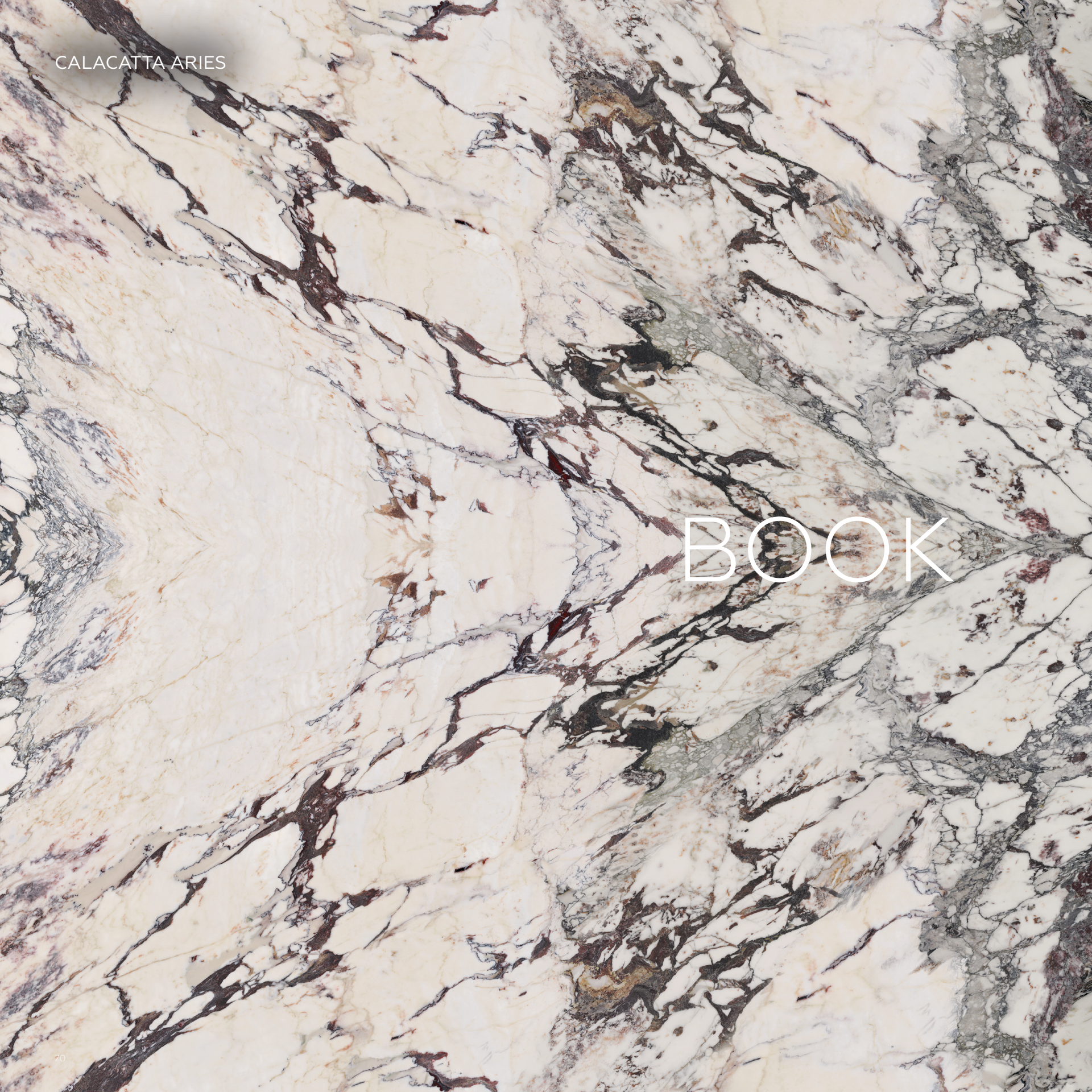


AVAILABLE IN 12MM ONLY

CALACATTA ARIES CM21






CALACATTA ARIES
BOOK



AVAILABLE IN 6MM & 12MM

CALACATTA TOPAZ CM82






BOOK



MATCH

AVAILABLE IN 12MM ONLY

PEONY HS04





DAWN HS05









SMOKED GEODE CM58











BOOK



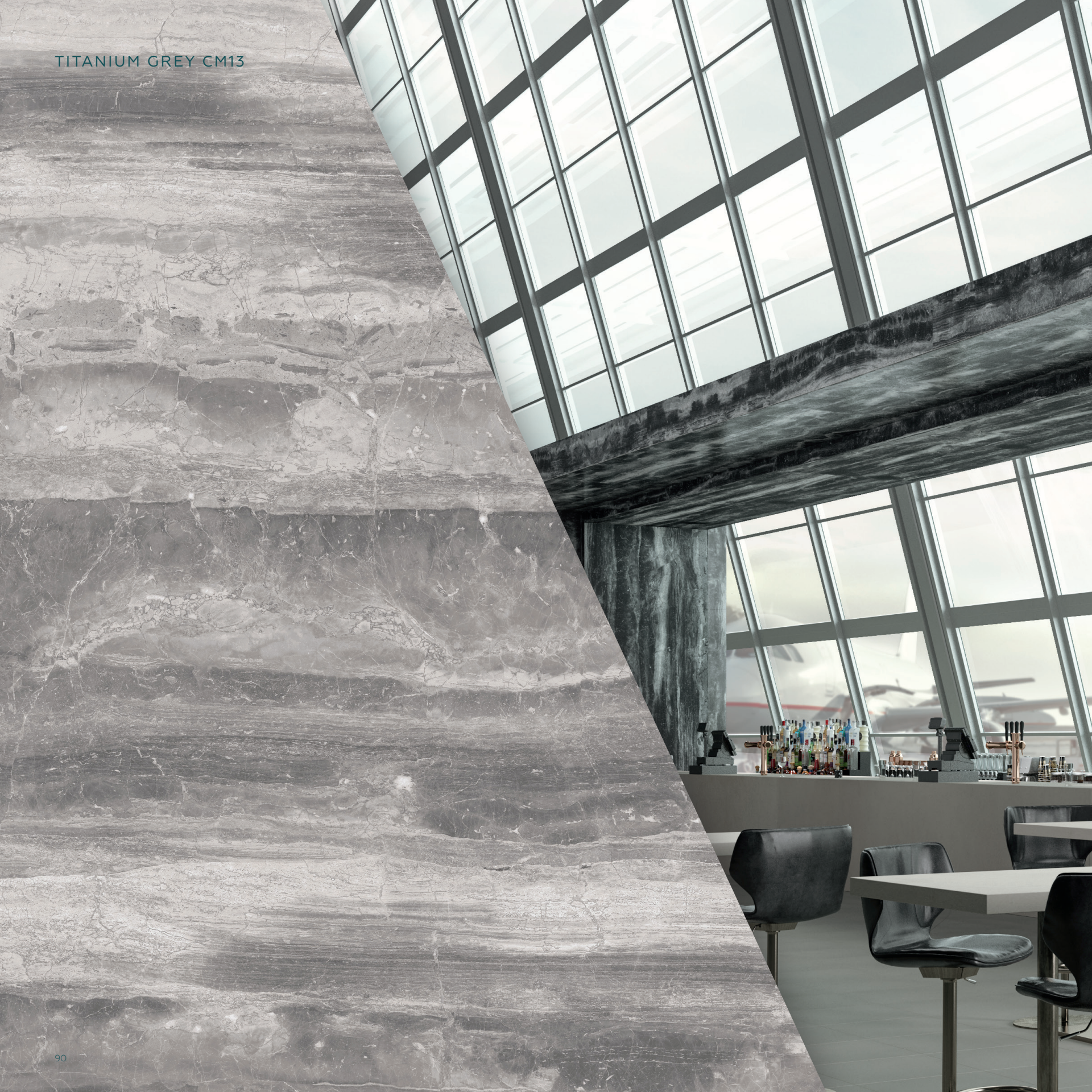
AVAILABLE IN 12MM ONLY

OPAL TRAVERTINE CM84





TITANIUM GREY CM13





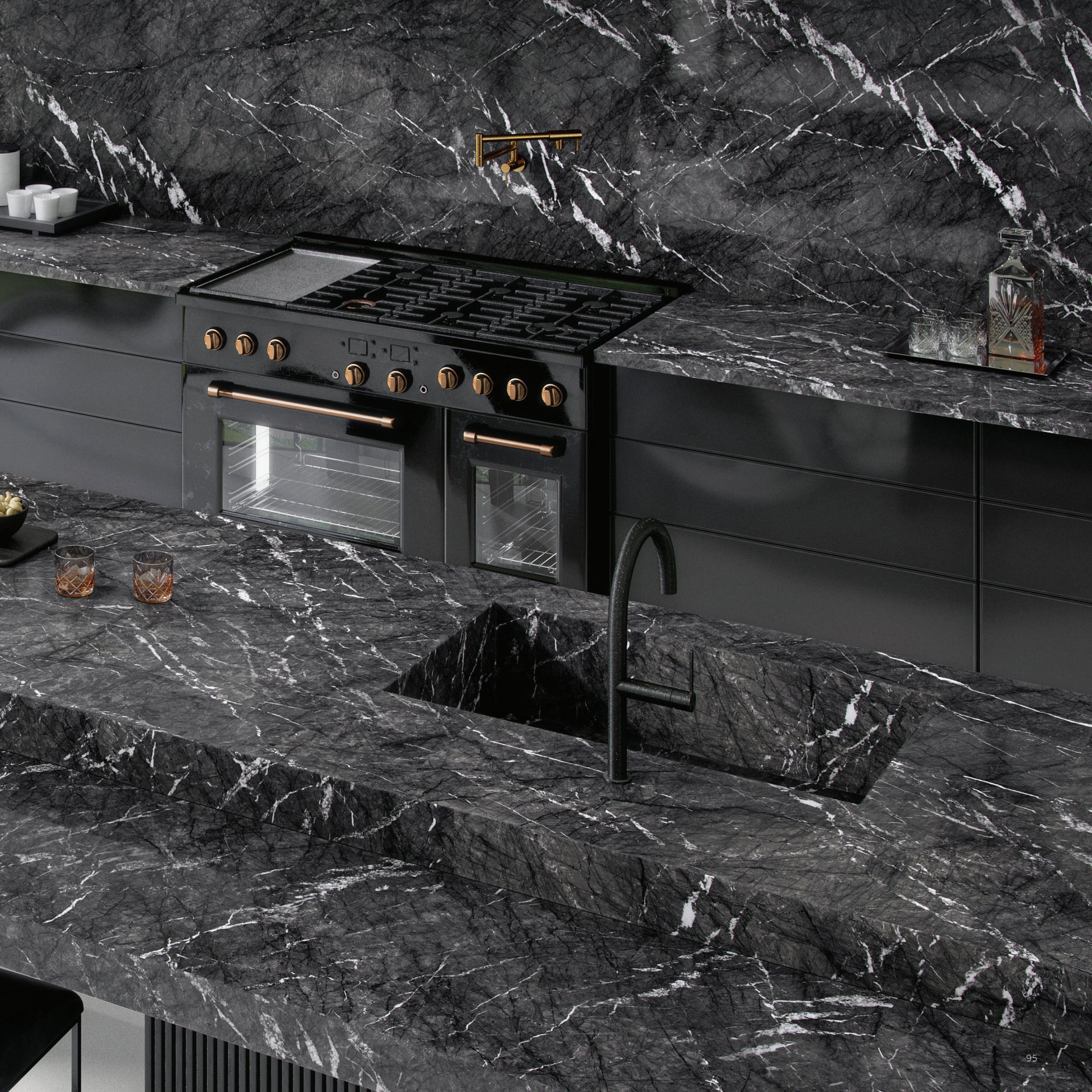
SUNSTONE CM57





JASPER GREY CM81

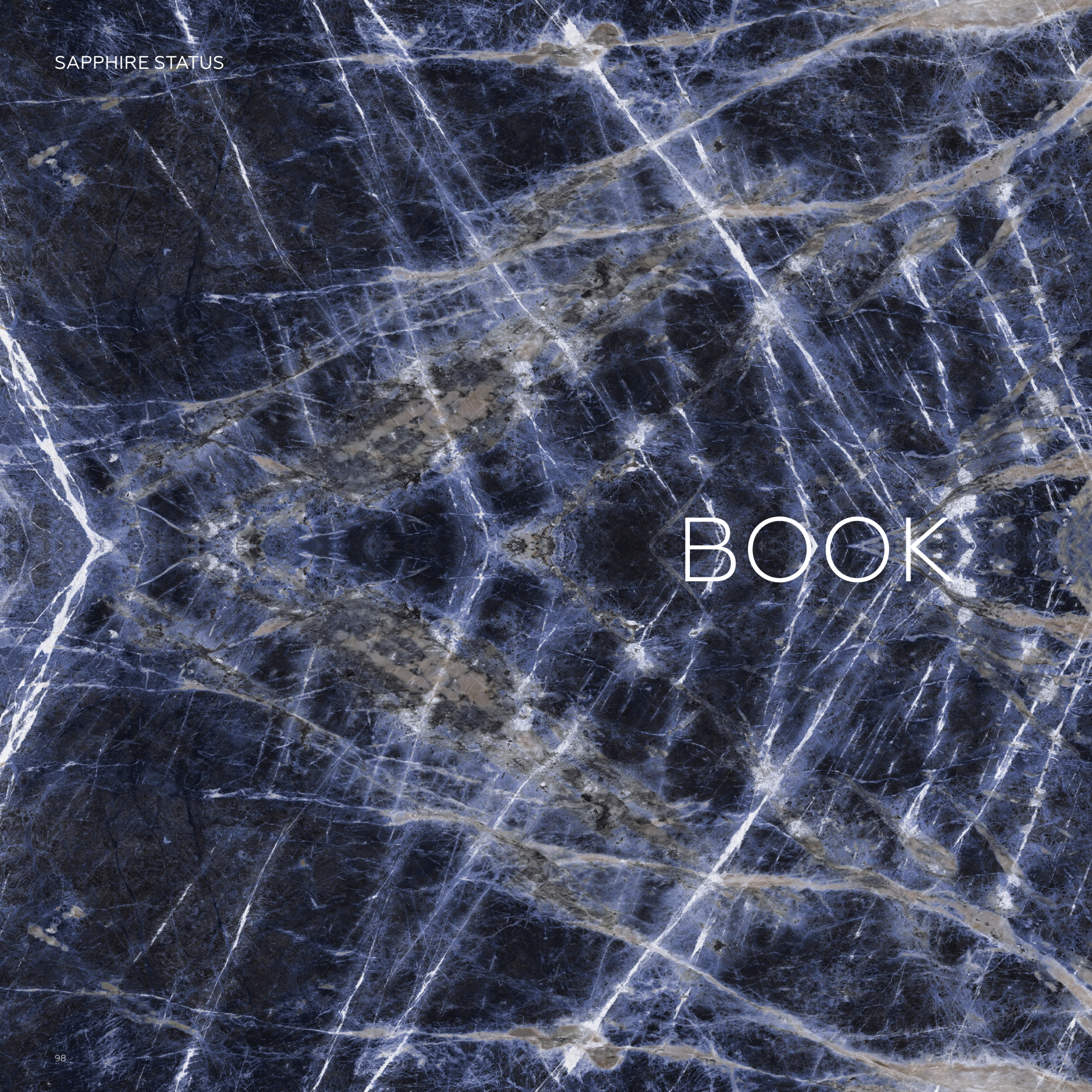




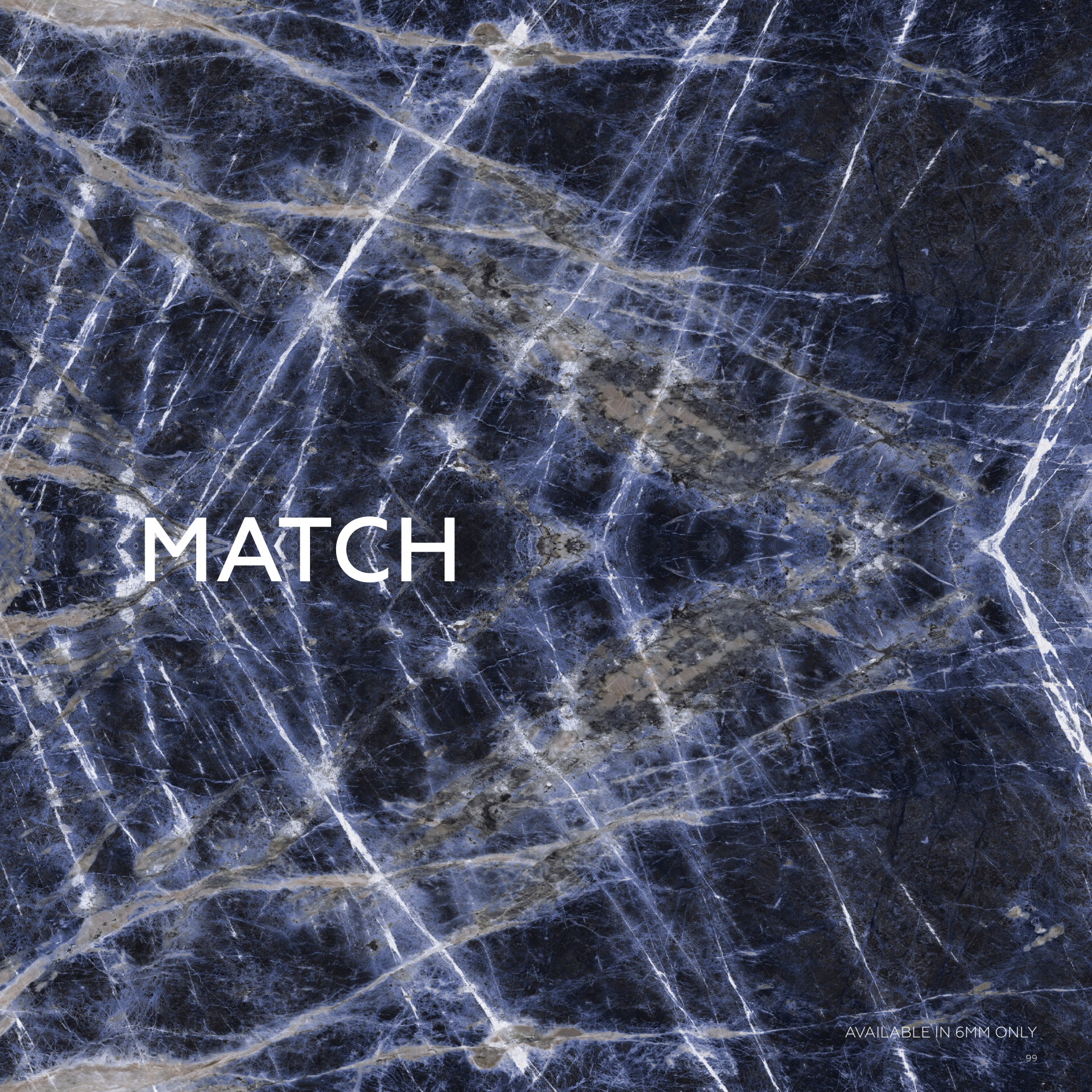
SAPPHIRE STATUS CM87







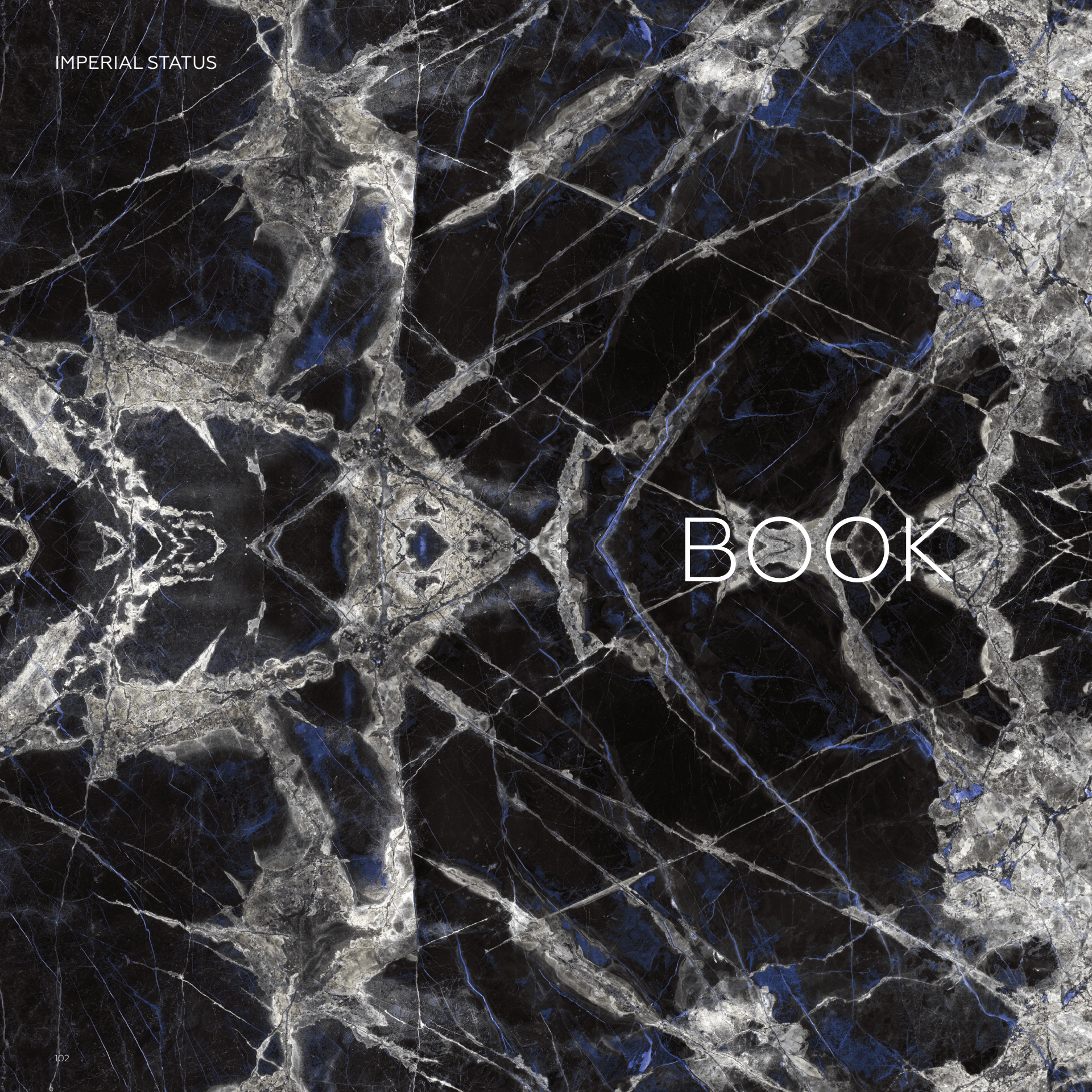
BOOK



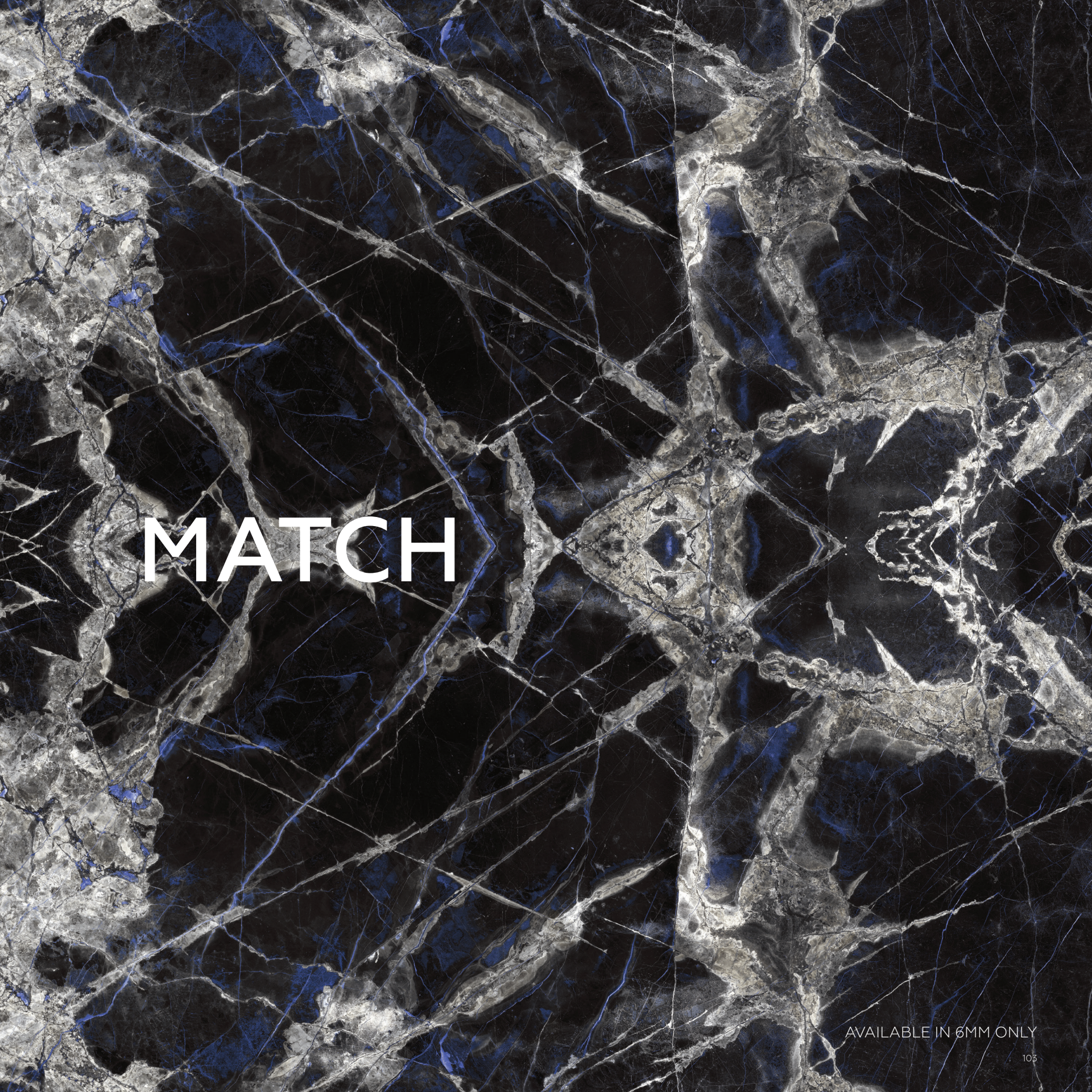
AVAILABLE IN 6MM ONLY


IMPERIAL STATUS CM54





BOOK



AVAILABLE IN 6MM ONLY

ZEBRA CALACATTA CM59






BOOK



AVAILABLE IN 6MM & 12MM

ANTHRACITE CM85







BOOK



AVAILABLE IN 6MM ONLY


ONYX GALAXY CM14





INDUSTRIAL SELECTION

CAPTURE A SENSE OF STRENGTH AND CHARACTER WITH INDUSTRIAL SELECTION.

Bring the urban chic feel of a downtown gallery or loft to virtually any space with the look of sleek concrete. Large format slabs provide seamless style to more closely mimic the essence of poured concrete while the smooth, matte finish adds a touch of sophistication. Infuse your space with the robust, stoic presence of concrete while enjoying the versatility of porcelain tile with Industrial Selection.

Photo features Cinder Rail on the wall and floor.



Photo features Brushed Ore on the countertops and backsplash with Outlander™ Moonlight on the floor.

MANOR WHITE CM18

BELMONT TERRACE CM07

FOUNDRY C142

BRUSHED ORE C143

STONEWALL COAL CM09

CINDER RAIL CM17

HEARTH SMOKE CM08

CHARRED NICKEL CM16

MANOR WHITE CM18



ALSO AVAILABLE IN 20mm (2cm) THICKNESS.



BELMONT TERRACE CM07









BRUSHED ORE C143





STONEWALL COAL CM09





CINDER RAIL CM17





HEARTH SMOKE CM08





CHARRED NICKEL CM16







METALLIC SELECTION

DAZZLE WITH THE GLITZ AND GLAM OF THE METALLIC SELECTION.

Dripping with design and opulence, the reflective, iridescent metallic sheen encompassed on these sleek slabs takes fashion to new heights. The unrefined essence of concrete enhanced with mixed metals is provided on a scale only large format porcelain slabs can reach. Experience glimmering style with Metallic Selection.

Photo features Chromium on the floor and walls and Obsidian on the back floor.



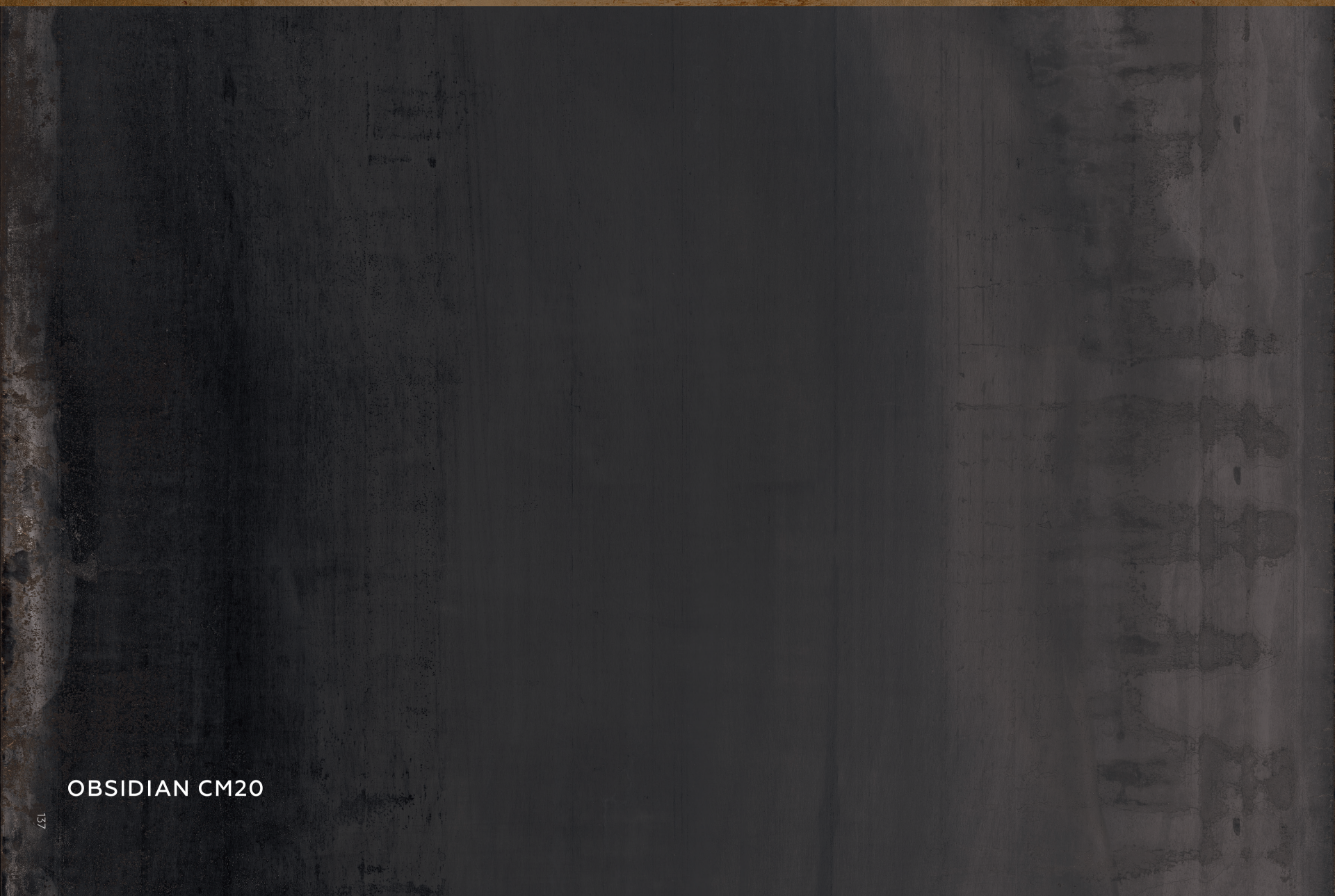
Photo features Obsidian on the floor and walls and Gypsum Calacatta on the back floor.



CHROMIUM CM19



BRASS CM86



OBSIDIAN CM20





BRASS CM86





OBSIDIAN CM20







FACE VARIATIONS

Photo features Elestial on the floor and wall.



Photo features Calacatta Aries on the floor and stairs and Marfil on the countertop.

ELEMENTAL SELECTION:

STERLING CALACATTA – CM96 20mm (2cm)



SILVER MIRAGE CM95 – 20mm (2cm)



GOLDEN ANGELITE CM92 – 20mm (2cm)



CRYSTAL HAZE CM94 – 20mm (2cm)



BLACK DIAMOND CM93 – 20mm (2cm)



BLANC CM05
– 6mm









BLANC CM05
– 12mm



MARFIL CM06
– 6mm



MARFIL CM06
– 12mm



MOONSTONE CM11
– 6mm



MOONSTONE CM11
– 12mm



CALACATTA
CM04 – 6mm



CALACATTA
CM04 – 12mm



OPALITE CM55
– 6mm & 12mm



WHITE JADE CM56
– 6mm



WHITE JADE CM56
– 12mm

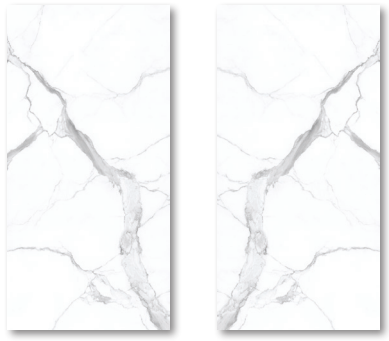


ELEMENTAL SELECTION:

STATUARIO
CM03 – 6mm



STATUARIO
CM03 – 6mm & 12mm



AURALINE
CM90 – 6mm



LEMURIAN
CM49 – 6mm



DIAMOND MINE
CM12 – 6mm



DIAMOND MINE
CM12 – 12mm



SELENITE
CM51 – 6mm



GYPSUM CALACATTA
CM22 – 6mm



GYPSUM CALACATTA
CM22 – 12mm



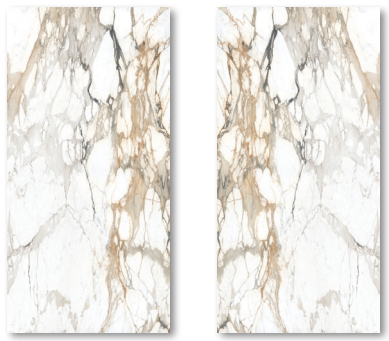
CALACATTA ARIES
CM21 – 6mm



CALACATTA ARIES
CM21 – 12mm



CALACATTA TOPAZ
CM82 – 12mm



CALACATTA TOPAZ
CM82 – 6mm



PEONY
HS04 – 6mm



DAWN
HS05 – 6mm



SMOKED GEODE
CM58 – 6mm



OPAL TRAVERTINE
CM84 – 6mm



HORIZON
HS07 – 6mm



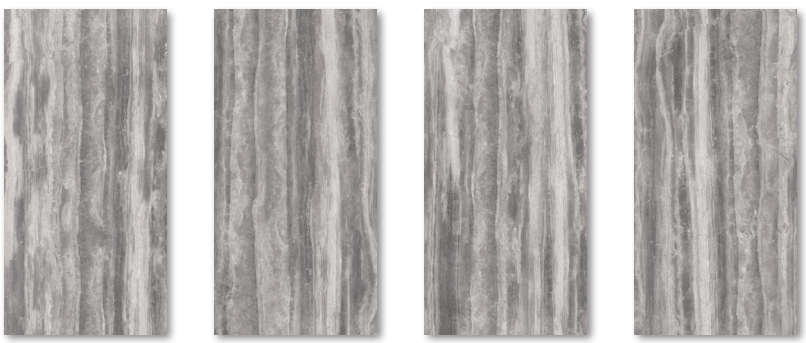
ELESTIAL
CM48 – 6mm



ELESTIAL
CM48 – 12mm



TITANIUM GREY
CM13 – 6mm



SUNSTONE
CM57 – 6mm






JASPER GREY
CM81 – 6mm

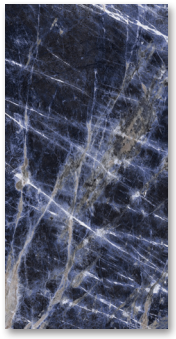
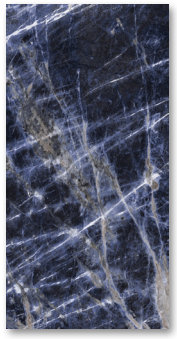




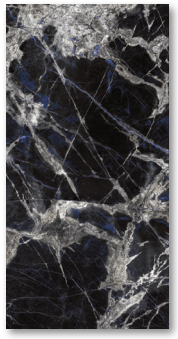
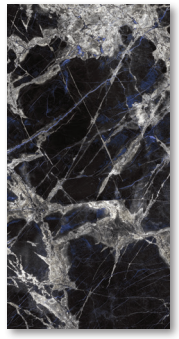

JASPER GREY
CM81 – 12mm



SAPPHIRE STATUS
CM87 – 6mm

IMPERIAL STATUS
CM54 – 6mm

ZEBRA CALACATTA
CM59 – 6mm




ZEBRA CALACATTA
CM59 – 12mm




ANTHRACITE
CM85 – 6mm



ONYX GALAXY
CM14 – 6mm



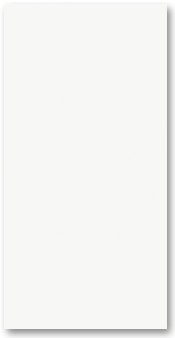



ONYX GALAXY
CM14 – 12mm



INDUSTRIAL SELECTION:

MANOR WHITE CM18
– 6mm, 12mm & 20mm (2cm)



CINDER RAIL
CM17 – 6mm



CHARRED NICKEL
CM16 – 6mm



BELMONT TERRACE
CM07 – 6mm



STONEWALL COAL
CM09 – 6mm & 12mm



HEARTH SMOKE
CM08 – 6mm & 12mm



FOUNDRY C142
– 2cm



BRUSHED ORE
C143 – 2cm



METALLIC SELECTION:

CHROMIUM
CM19 – 6mm



OBSIDIAN
CM20 – 6mm



BRASS
CM86 – 6mm



SIZES

Nominal Size		Thickness	Sq. Ft./Slab
	63" x 126" Slab	6mm	55.00
	64" x 127" Slab	12mm 20mm (2cm)	56.00
	48" x 96" Slab*	6mm	32.00
	36" x 90" Slab**	6mm	22.50
	32" x 90" Slab**	6mm	20.00
	32" x 72" Slab**	6mm	16.00

* Available in CM03, CM12, CM22, CM49, CM51 and CM55.
** Avaliable in CM49, CM90, HS04, HS05, HS07.

FLEXFIT™ SIZE SOLUTIONS

Standard FlexFit Sizes⁺	Actual Size	Thickness
	62" x 62"	6mm or 12mm
	31" x 124"	6mm or 12mm
	31" x 62"	6mm or 12mm
	15-1/2" x 62"	6mm or 12mm
	31" x 31"	6mm or 12mm
	15-1/2" x 31"	6mm or 12mm
	20-1/2" x 20-1/2"	6mm or 12mm

PLUS – DREAM IT, DESIGN IT, WE CAN DO IT! WITH OUR CUSTOM CUT TO SIZE PROGRAM.
Request your quick quote: **customquote@daltile.com**
⁺ Please allow 4-6 weeks for processing & shipping FlexFit™ standard sizes.
NOTE: Available only in 63" x 126" and 64" x 126" sizes only.

PERFORMANCE CHARACTERISTICS

		Average Results*		
	Test Method	6mm	12mm	20mm (2cm)
Water Absorption	ASTM C373	≤ 0.5%	≤ 0.5%	≤ 0.5%
Chemical Resistance	ASTM C650	Pass	Pass	Pass
Breaking Strength	ASTM C1505/ASTM C648	≥ 175 LBF	≥ 275 LBF	≥ 3000 LBF
Scratch Resistance (MOHS) - Glossy	ASTM C1895	6	6	6
Scratch Resistance (MOHS) - Matte	ASTM C1895	8	8	8

* Custom testing results by color and finish are available upon request.

INSTALLATION

Grout Joint Recommendation	Shade Variation
1/8"	**Medium (V2):** Industrial Selection Metallic Selection **High (V3):** Elemental Selection

APPLICATIONS

	Target DCOF wet	Suitable
Dry & Level – Interior Floor	N/A	✓
Wet & Level – Interior Floor	≥ 0.42	✓*
Shower Floors – Standard Center Drain	≥ 0.42	
Shower Floors – Linear Drain	≥ 0.42 (Mosaic) ≥ 0.60 (Floor)	
Exterior Floor Applications (including patios, pool decking & other wet areas with minimal footwear)	≥ 0.60	
Ramps & Inclines	≥ 0.65	
Walls/Backsplashes	N/A	✓
Countertops	N/A	✓**
Pool Linings	N/A	✓

A DCOF value of ≥ 0.42 is the standard for tiles specified for level interior spaces expected to be walked upon when wet, as stated in ANSI A137.1-2012, Section 9.6.
For more information about DCOF and the DCOF AcuTest™, visit daltile.com/DCOF.

APPLICATION NOTES:

Suitable for exterior applications (provided it is noted as suitable in the applications chart above) in freezing and non-freezing climates, when proper installation methods are followed.

* Matte and Satin finish only.
** Applies to 12mm thickness only.

NOTES

Special consideration must be given when installing tiles greater than 15 inches. Please refer to ANSI A108.19 standards for Gauged Porcelain Slabs for more information.

Use of an LFT (Large Format Tile) mortar is required. Thin-set mortars are not suitable for Panoramic Porcelain Surfaces.

Since there are variations in all fired ceramic products, tile and trim supplied for your particular installation may not match these samples. Final color selection should be made from actual panels and trim and not from product samples or color reproductions.

Water, oil, grease, etc. create slippery conditions. Floor applications with exposure to these conditions require extra caution in product selection. Not for use on ramps.

WARNING: This product can expose you to chemicals known to the State of California to cause cancer, including crystalline Silica (airborne particles of respirable size) in dust created if the product is dry cut/ground/polished or pulverized during fabrication/installation/removal. For more information, go to www.P65Warnings.ca.gov.

For additional information refer to "Factors to Consider" at daltile.com/Factors.

Refer to Safety Data Sheet for additional safety information.



Five Year Commercial Limited Warranty, visit daltile.com for complete warranty details.



Twenty Five Year Residential Limited Warranty, visit daltile.com for complete warranty details.

HANDLING & FABRICATION

HANDLING

When receiving Panoramic Porcelain Surfaces in quantity for warehousing stock or for a project, you will need a forklift with 8-foot forks or 8-foot fork extensions. The panels will come packed on an A-frame. When offloading or loading A-frames, an Abaco glass lifter attached to a boom on a forklift or indoor crane is recommended. You should never attempt to lift or move porcelain panels with granite clamps!

If unpacking Panoramic Porcelain Surfaces off an A-frame, place a soft jaw clamp over the panels at one end to secure prior to removing factory banding/strapping. Panoramic slabs of 6mm thick weigh 2.92 lbs. per sq. ft., panels of 12mm thick weigh 5.84 lbs. per sq. ft and 20mm (2cm) thick weigh 10.30 lbs. per sq. ft. The most common moving procedure for 6mm is two people equipped with the ETM grip or the ETM slide. With 12mm and 20mm (2cm), you need at least 3 people equipped with the ETM grip. Additional option for handling 12mm or thicker, is using the ETM double slide with pump cups. Identify destination and have protection in place prior to moving. It's a good idea to use corner protectors. Purpose-built tools are available for proper handling of Panoramic Porcelain Surfaces.

TRANSPORT

If picking up Panoramic Porcelain Surfaces at supplier's facility, use a suitably sized A-frame that offers cushioned/proper protection at all contact points. Use suitably sized vehicle to house and carry the A-frame. Always strap Panoramic slabs to the A-frame and the A-frame to the vehicle. Never clamp Panoramic slabs during transport, as damage/breakage may result. Contractors can pick up Panoramic Porcelain Surfaces slabs at Daltile facilities as well as transport up to 30 pieces of 6mm slabs to the job site using the ETM Trailer Frame. For job site and shop movement, the ETM Transporter can store up to 16 pieces of 6mm, 8 pieces of 12mm slabs, or 6 pieces of 20mm (2cm) slabs. A-Frame's are ideal for moving up to two slabs.

FABRICATION

The most important part of fabricating/cutting Panoramic Porcelain Surfaces is a flat, sturdy surface of supportive size. Tables designed for use with porcelain slabs are available.

For 12mm and 20mm (2cm) thickness, pre-application of 1/2" backerboard is recommended to support Panoramic Porcelain Surfaces over 3/4" plywood installed on cabinets. The backerboard provides additional support for aprons and turndown edges. Panoramic Porcelain Surfaces should not be applied directly to plywood attached to cabinets. Panoramic slabs can be installed directly over existing natural stone and other solid surface tops.

Standard cutting is easiest done by the score-and-break process for straight cuts. “L”, “U”, and dropout cuts first must have a hole drilled through the porcelain slab with a 3/16" diameter or larger porcelain stoneware drill bit at the beginning and end of each cut line to relieve the pressure and prevent cracking. Mitering is commonly performed when fabricating Panoramic Porcelain Surfaces for countertop use. Acrylic or epoxy can be used to bond miters. Miters must be filled completely in order to protect finished edge from chipping or breaking. Use color kit and match accordingly. If bonding/filling mitered edge of veined material, mix one color to match veining and another color to match body. Fill accordingly.

HANDLING AND FABRICATION TOOLS

There are tools made specifically for Panoramic Porcelain Surfaces. Stone cutting blades do not work with porcelain slabs, however the good news is specific porcelain blades are available for relatively the same cost as stone cutting blades. Porcelain slab tools are also mobile and require very little, if any additional training to operate.

Contact your local Stone Center for recommended Tool Manufacturers suitable for Panoramic Porcelain Surfaces.

INSTALLATION
INSTRUCTIONS

	CLADDING		FLOORING	
	INTERNAL	EXTERNAL	INTERNAL	EXTERNAL
MINIMUM CAULK/GROUT JOINT RECOMMENDATIONS	Minimum caulk/grout joint of 1/8" inch for areas away from direct sunlight. 3/16" inch minimum caulk expansion joints every 24 feet in each direction or less, depending on the installation system chosen.	Minimum caulk joint width of 3/16" inch for field joints and minimum 1/4" inch caulk expansion joints every 12 feet in each direction.	A minimum grout joint of 1/8"	N/A
	For areas in direct sunlight, please consult with setting material and tile manufacturer for recommendations based on the specific details of the project in question.	For darker colors in direct sunlight, field and expansion joint sizes may need to be increased, to allow for thermal expansion of the wall system. Please consult setting material and tile manufacturer for more details.		
LIPPAGE CONTROL SYSTEMS ARE REQUIRED	yes	yes	yes	N/A
SUBSTRATE FLATNESS	Maximum allowable variation in flatness is 1/8" in 10' feet and 1/16" in 2' from the required plane when measured from the high points in the surface, per ANSI A 108.19.			N/A
	This is for both interior and exterior applications and is applicable for all tile with a size greater than 15" in one or more dimensions.			
SETTING MATERIAL RECOMMENDATIONS	Please refer to ANSI A108.19 and setting materials manufacturers for the specific recommended products, for your projects requirements.			N/A



Photo features Lemurian on the countertop, backsplash, and shower wall with Manor White on the floor and Gamma™ Bella on the shower floor.

KEYS TO SUCCESSFUL

INSTALLATION

Gauged Porcelain Slab installation requires particular attention to proper substrate preparation, grout joint sizing, trowel selection, and mortar coverage. It is critical that gauged porcelain slab be installed on a level substrate. Additionally, there must be at least 90% mortar contact, and the slab should be installed in accordance per the grout joint recommendations of each slab series. Refer to the published installation instructions prepared by your preferred manufacturer of setting materials for optimal tools and setting methods to achieve your desired result.

For proper bonding, LFT mortar must be used in installing tiles with a dimensional length greater than 15 inches on any one side of the tile. Back buttering slabs of this nature in the installation process will also assure proper coverage for bonding.

SEAMING

Seams can be installed using the same process as natural stone tops, seam leveling tool, acrylic or epoxy for adherence. If backer board is used, make sure to bond backer board under porcelain at seam with proper adhesive.

INSTALLATION TIPS

- Installation of Daltile's Panoramic Porcelain Surfaces are basically the same as all other gauged porcelain slab, for floor and wall applications. Using proper tools is a must for a successful handling and installation.
- Important install notes
  – Substrate must be within 1/8" variance in 10 feet.
  – LFT mortar must be used with zipper notch type trowels.
  – Back butter all slab for complete mortar coverage.
  – Lippage control device system must be used on all joints.
  – De-airing with beating block on walls and walking on from center out on floors, to ensure complete mortar coverage.
- Handling
  – Pick materials up with grip and suction cup, minimum three people.
  – It 's big, it 's lightweight but it requires the right tools to handle it. Safety first.
  – Equipment to help with transport, handling, cutting, fabrication, delivery and installation.

VERTICAL WALL

- Handling both 6mm and 12mm
- Accessories required for handling slab
- Substrate and substrate preparation
- Strict flatness requirements related to 6mm
- Trowel-applied patching compound, waterproofing and crack isolation membranes
- Selecting right installation product or project

COUNTERTOP

- 12mm and 20mm (2cm) thickness suitable for countertop use
- Standard tooling
- Continuous rim porcelain blades only, not to exceed 5-inch diameter in hand-held tools. For larger shop saws, maximum 9-inch diameter – Grinding Discs (refining and trimming edges) – Silicon Carbide and Felt Polishing pads – Acrylic or Epoxy w/color matching pigments – Standard Core Drill bits
- Sinks – Under Mount, Over Mount and Flush
- Substrate required
- Seaming procedure for countertop
- Mitered Edge Profiling – good training and education very important

HOUSEHOLD CLEANERS RECOMMENDED FOR DAILY USE:

- Windex
- Baking Soda
- Ammonia
- Lysol Gel with Magic Eraser for tough stains
- Brasso gel with Magic Eraser for metallic stains or marks
- All PH neutral cleaners

Panoramic is resistant to heat, stains, scratches and household chemicals.

FOR MORE IN DEPTH INFORMATION, PLEASE REFER TO OUR FULL PANORAMIC TECHNICAL GUIDELINE.

PANORAMIC

porcelain surfaces™

daltile®

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