Marble Collection

PORCELAINTILES



#### Marble Collection

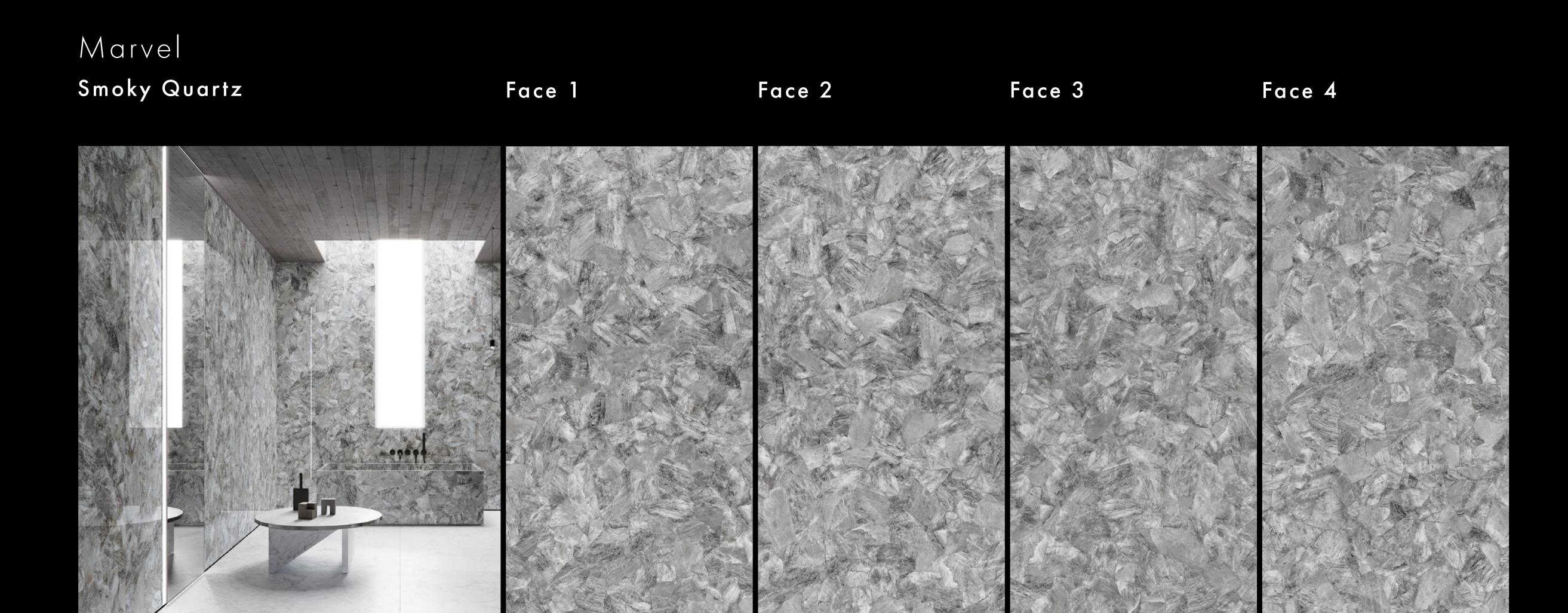
With a strong character and vibrant personality, Marvel takes inspiration from the World's most exquisite marbles. Our latest marble-effect range features ten striking marble styles and is available in six sizes. At just 6 mm thick, Marvel is designed for both flooring and cladding, and can also be specified for a wide variety of applications including countertops, fireplaces and fabricated objects such as furniture and vanity units. Marvel provides a water-resistant surface that will never scratch or fade and demands none of the maintenance requirements encountered with conventional marble, and with each large format 1500 x 3000 mm slab offering 4.5 m2 of surface area, creates minimal grout lines. Marvel is also offered with four graphical faces, forming an authentic and uninterrupted surface with warm veins continuing across each panel, ideal for luxurious wall cladding.



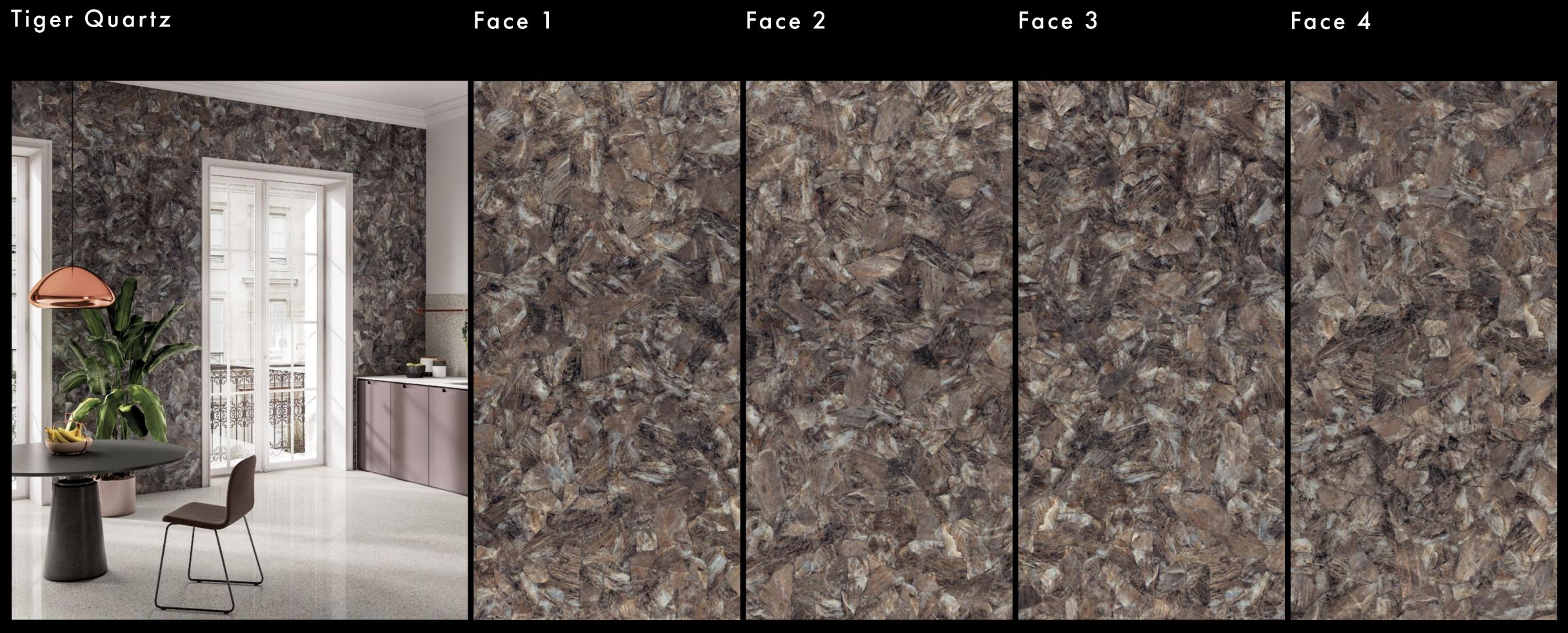




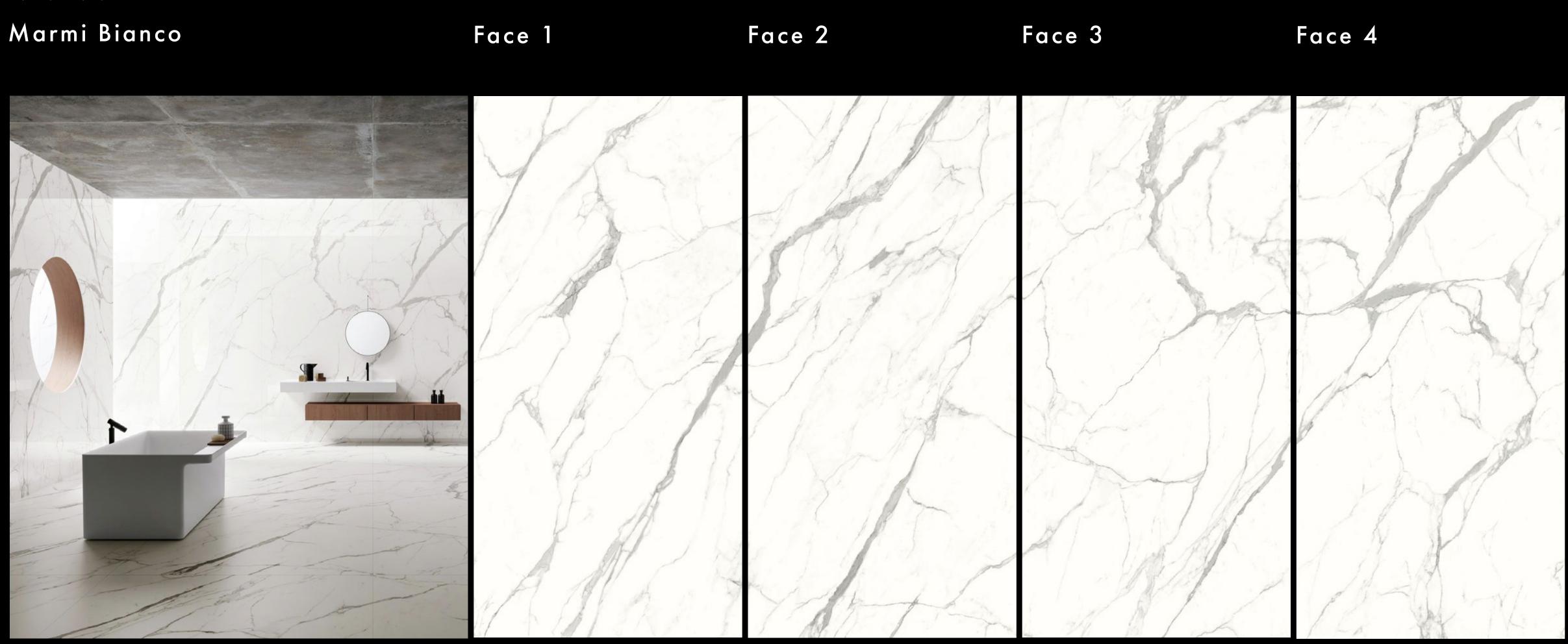


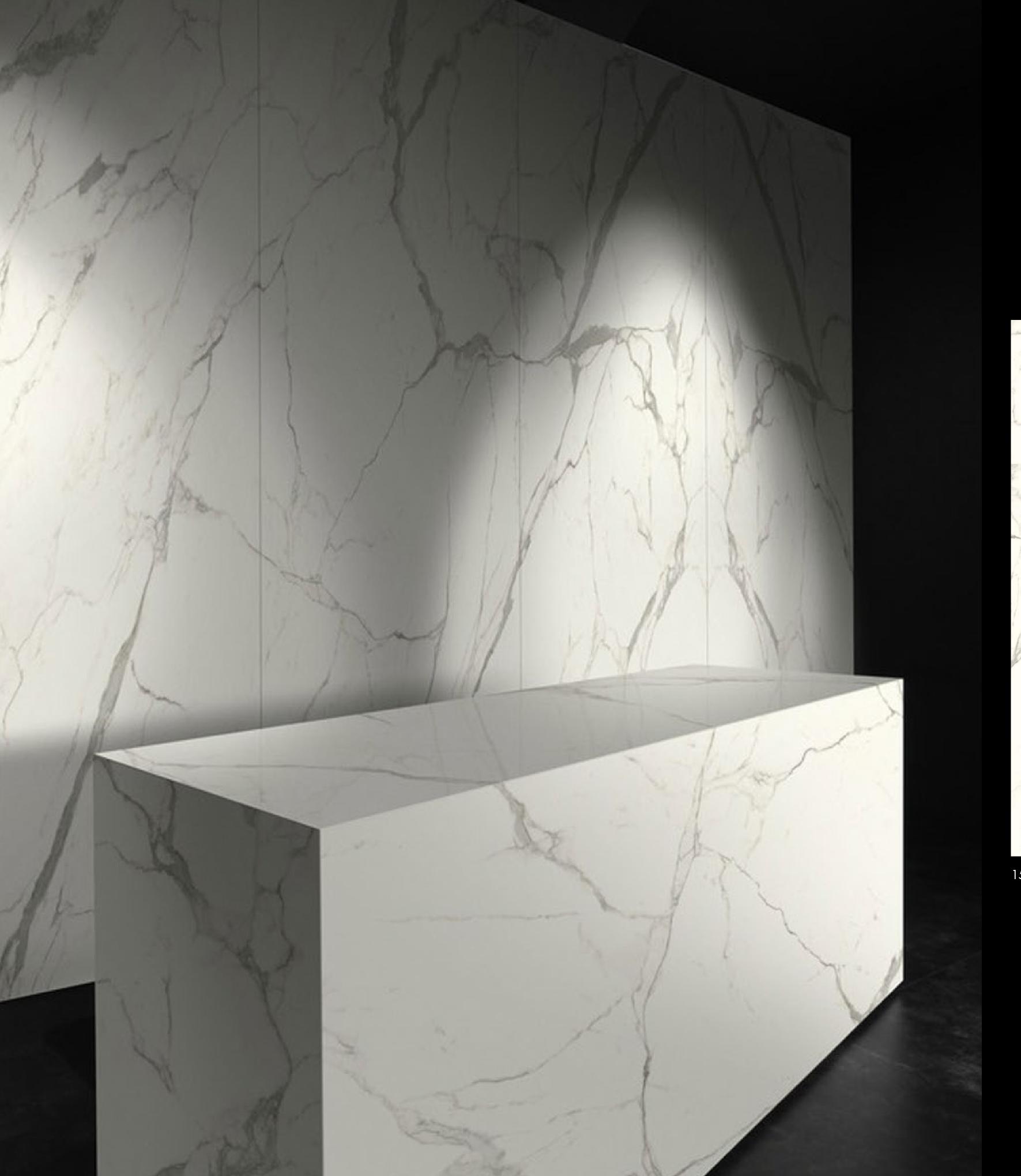












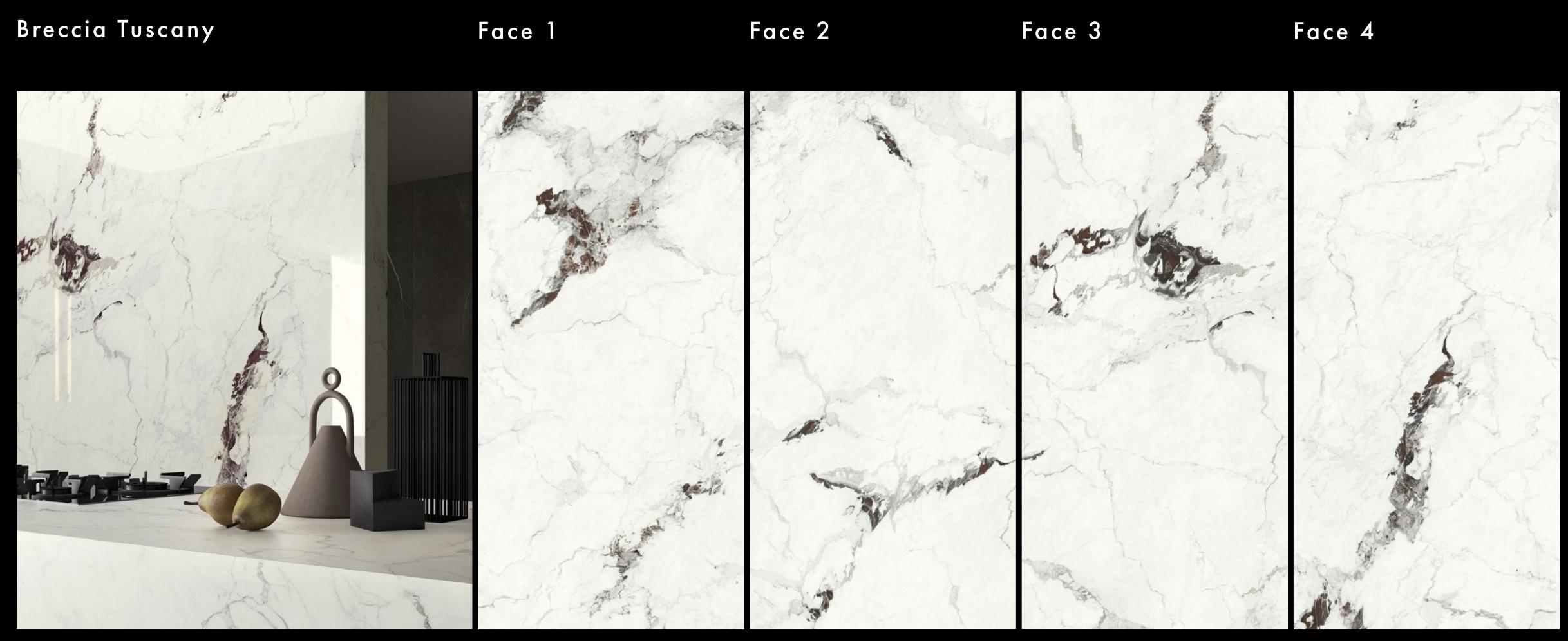


1500 X 3000

Marmi Bianco

Bookmatched







Marmo Orobico

Face 1

Face 2

Face 3

Face 4



Perso Chiara

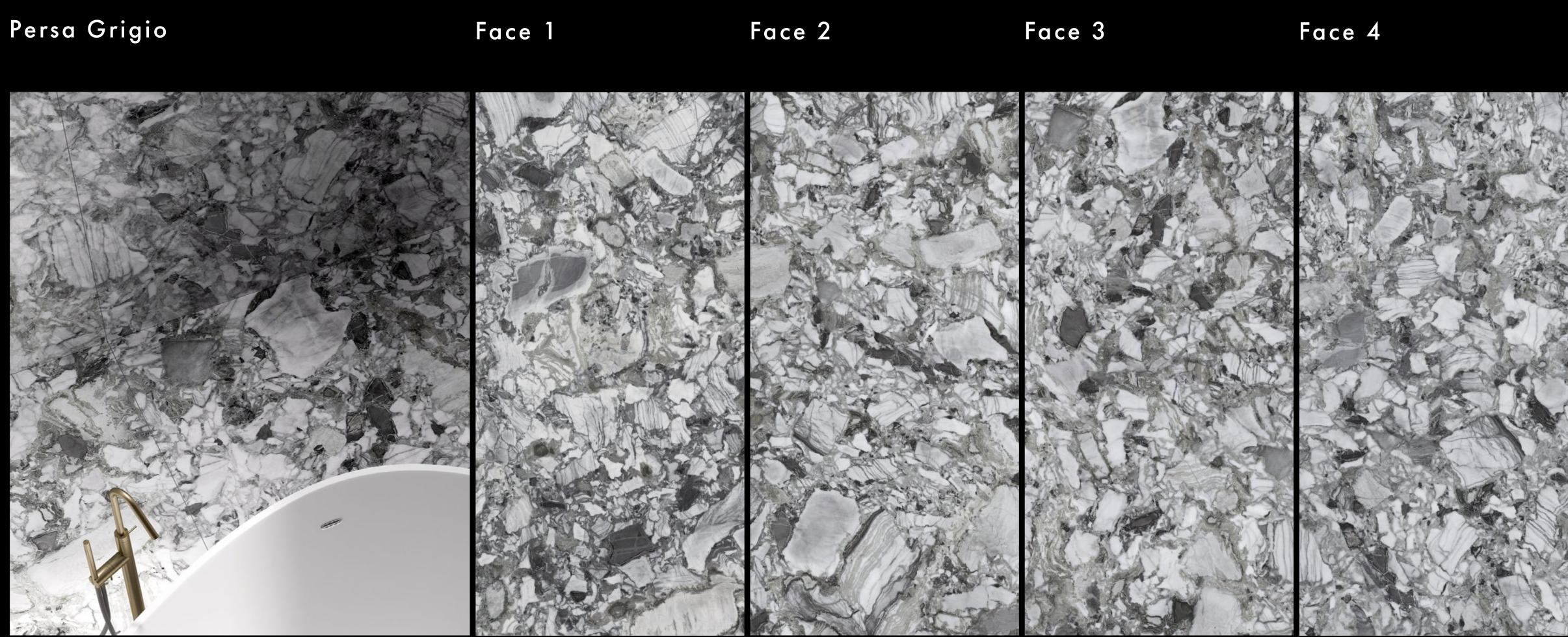
Face 1

Face 2

Face 3

Face 4

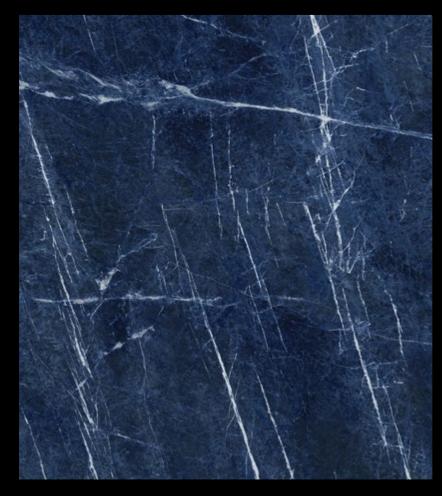








# Marvel Lapis Blue



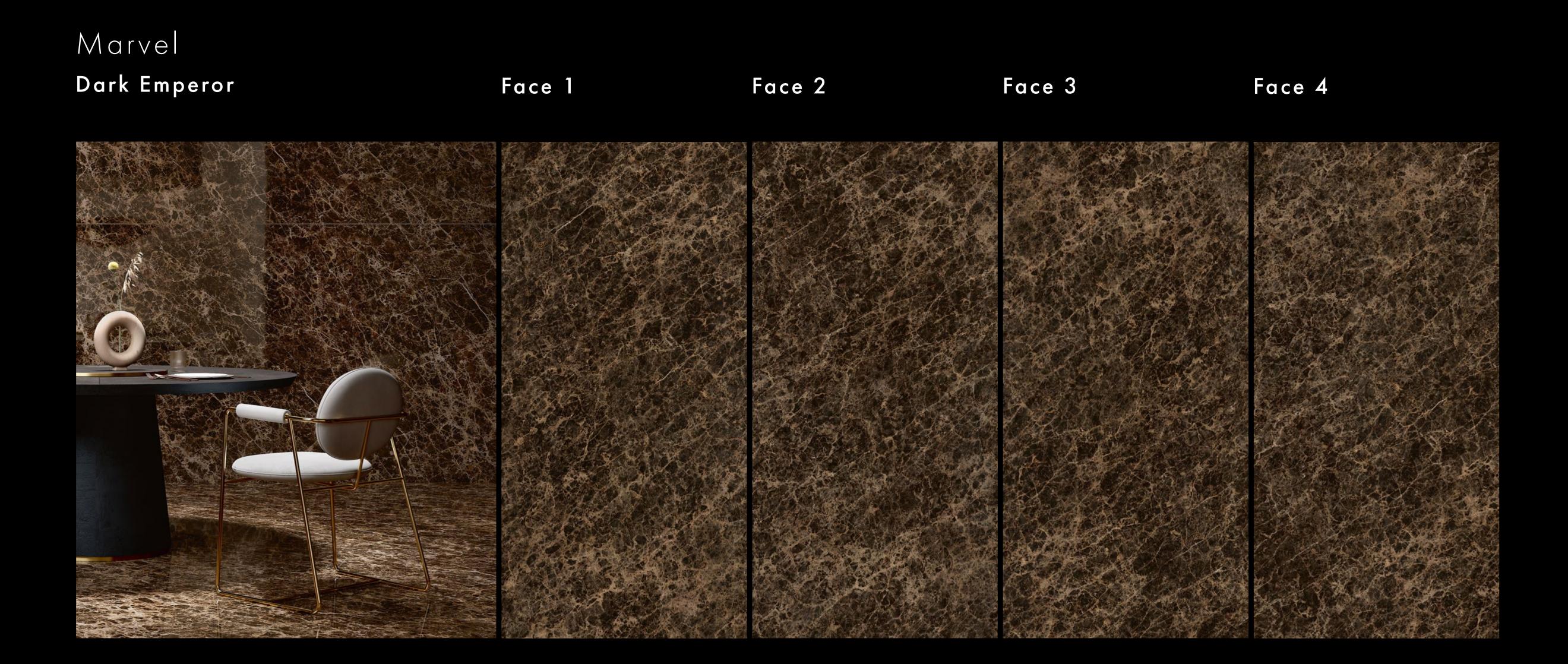
1500 X 1500 X 6



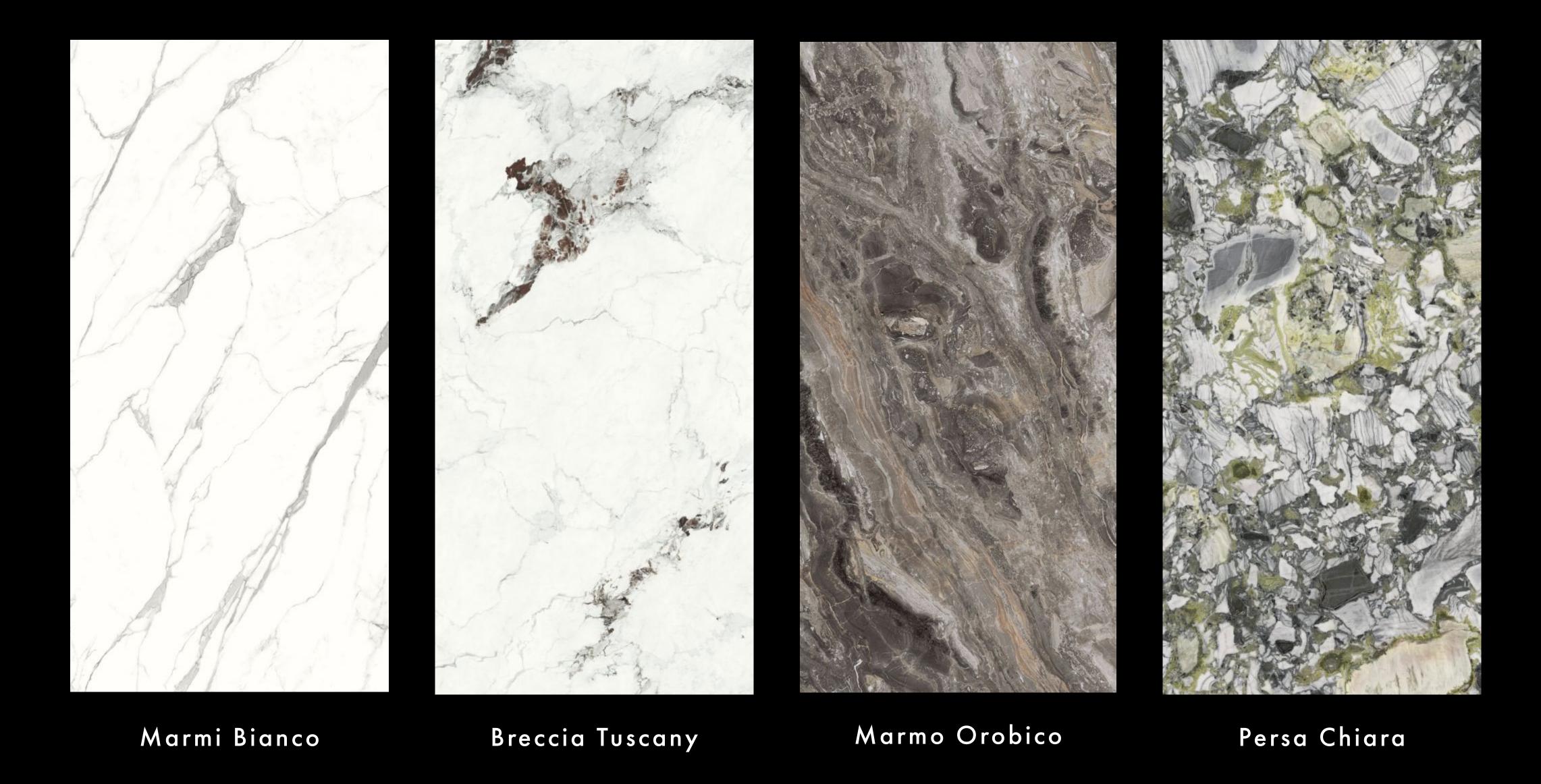
Lapis Blue Bookmatched

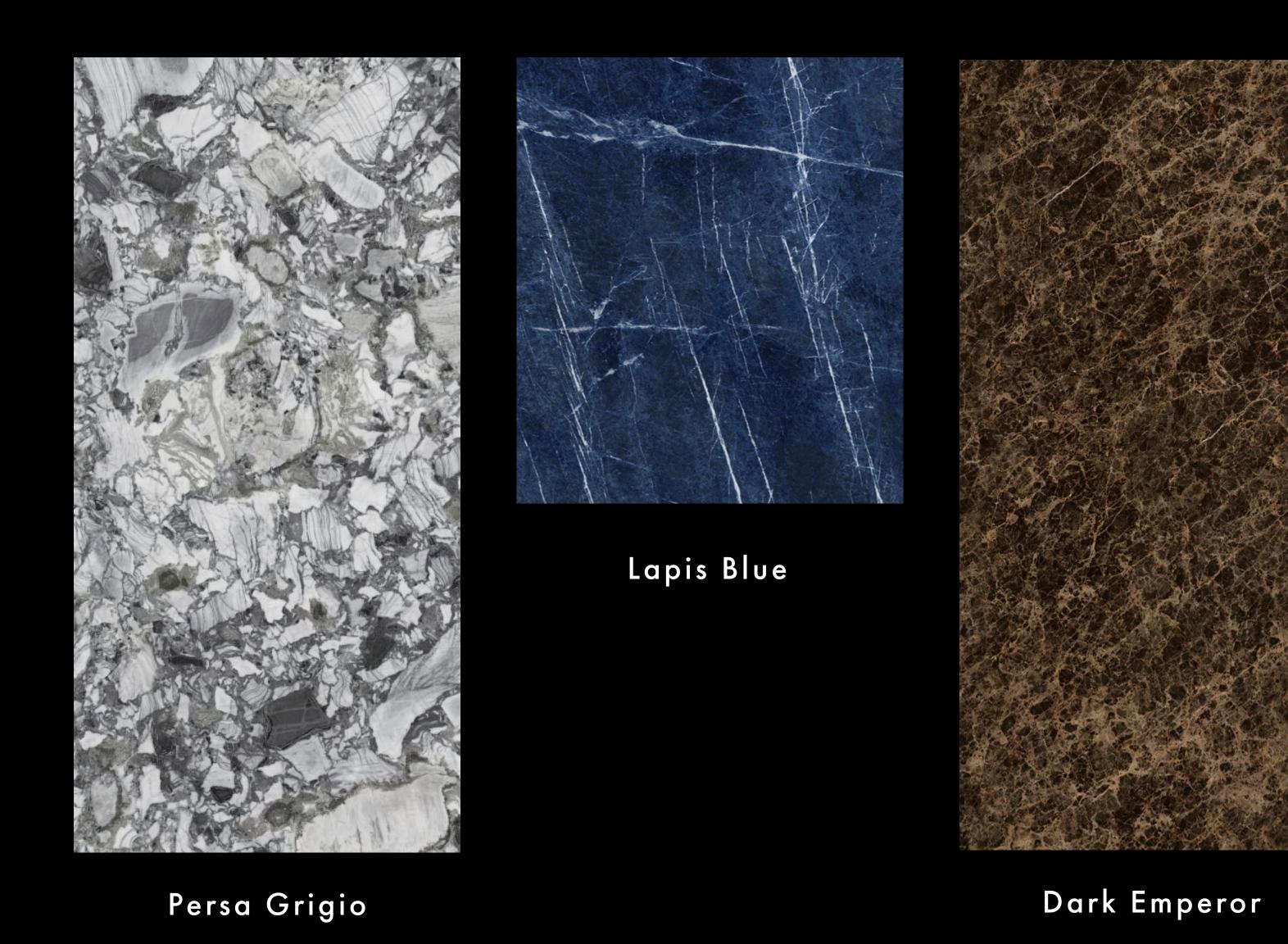






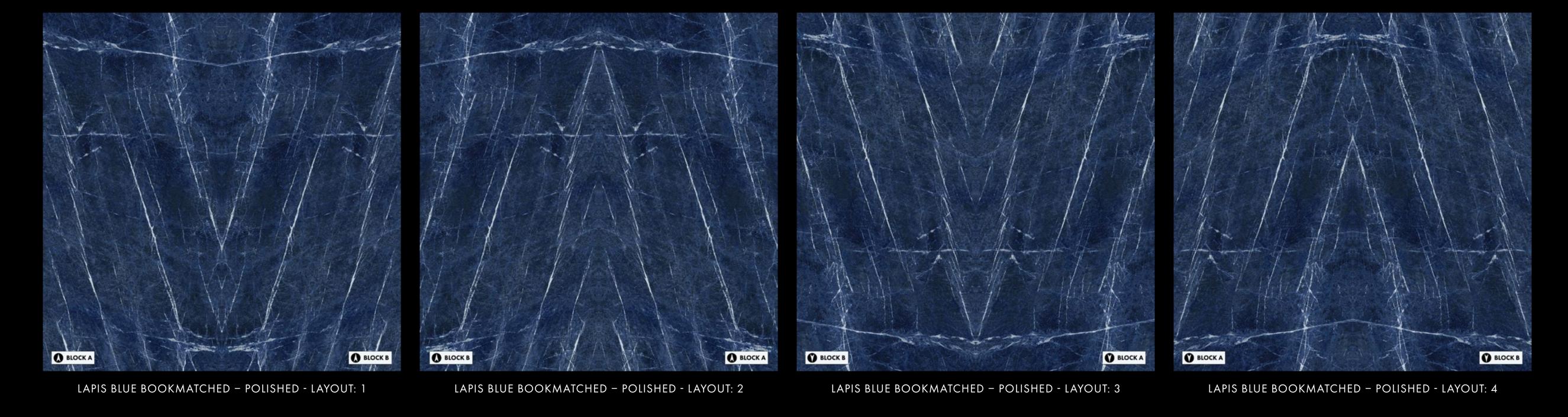






# Bookmatched Colours

#### Lapis Blue



# Bookmatched Colours

#### Marmi Bianco

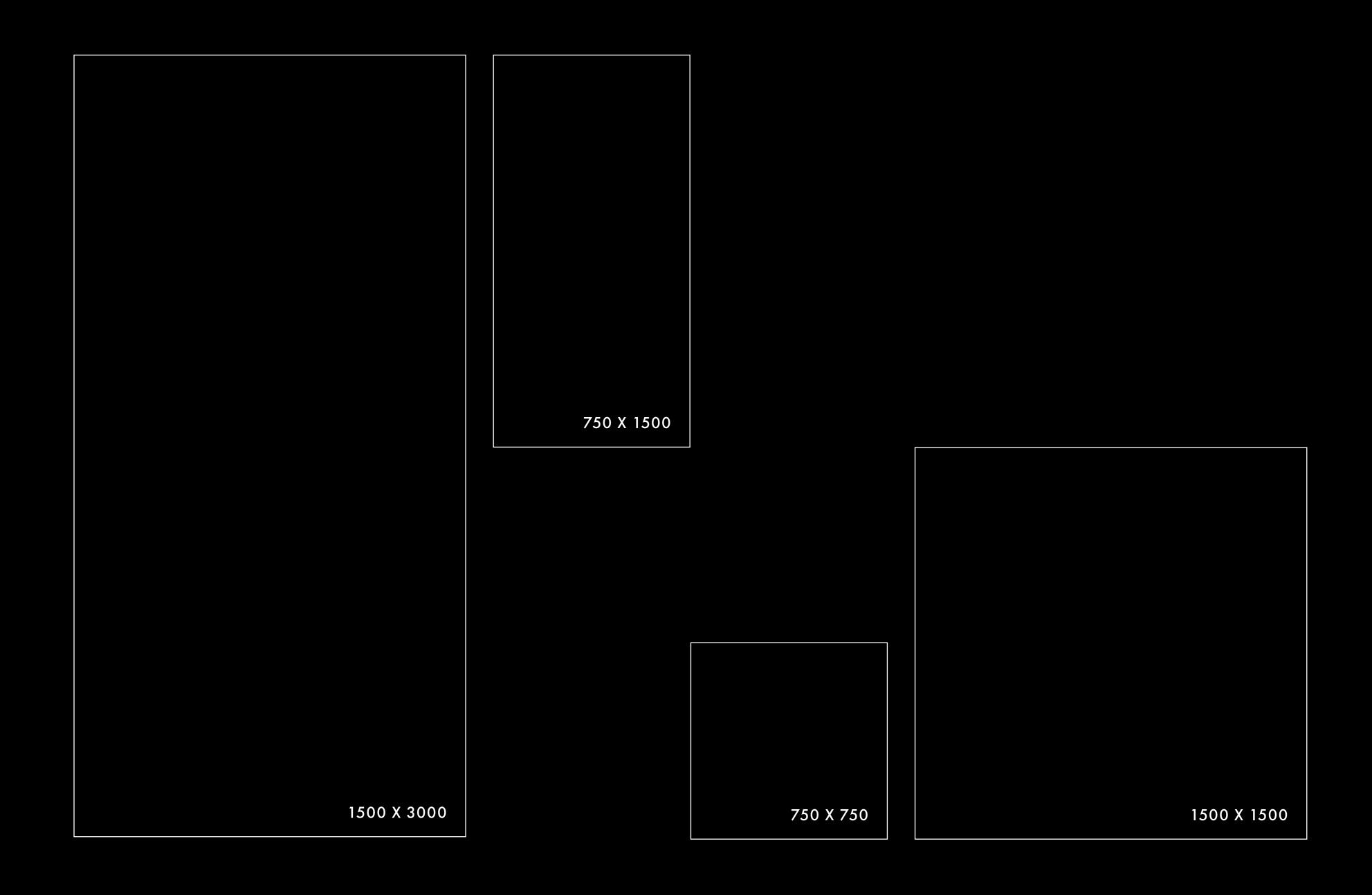


COLOUR	FINISH	SIZE(MM)
Breccia Tuscany	Honed	1500 x 3000 x 6
Breccia Tuscany   Crystal Quartz   Dark Emperor   Marmi Bianco   Marmo Orobico		
Persa Chiara   Persa Grigio   Smoky Quartz   Tiger Quartz	Polished	1500 x 3000 x 6
Breccia Tuscany	Honed	1500 x 1500 x 6
Marmi Bianco	Natural	1500 x 1500 x 6
Breccia Tuscany   Crystal Quartz   Dark Emperor   Lapis Blue   Marmi Bianco		
Marmo Orobico   Persa Chiara   Persa Grigio   Smoky Quartz   Tiger Quartz	Polished	1500 x 1500 x 6
Breccia Tuscany	Honed	750 x 1500 x 6
Marmi Bianco	Natural	750 x 1500 x 6
Breccia Tuscany   Crystal Quartz   Dark Emperor   Lapis Blue   Marmi Bianco		
Marmo Orobico   Persa Chiara   Persa Grigio   Smoky Quartz   Tiger Quartz	Polished	750 x 1500 x 6
Breccia Tuscany	Honed	750 x 750 x 6
Marmi Bianco	Natural	750 x 750 x 6
Marmi Bianco Breccia Tuscany   Crystal Quartz   Dark Emperor   Lapis Blue   Marmi Bianco	Natural	750 x 750 x 6

# Bookmatched Colours

COLOUR	FINISH	SIZE(MM)	DECOR
Lapis Blue   Marmi Bianco	Polished	1500 x 3000 x 6	Bookmatch Block A
Lapis Blue   Marmi Bianco	Polished	1500 x 3000 x 6	Bookmatch Block B

# Size Guide (mm)





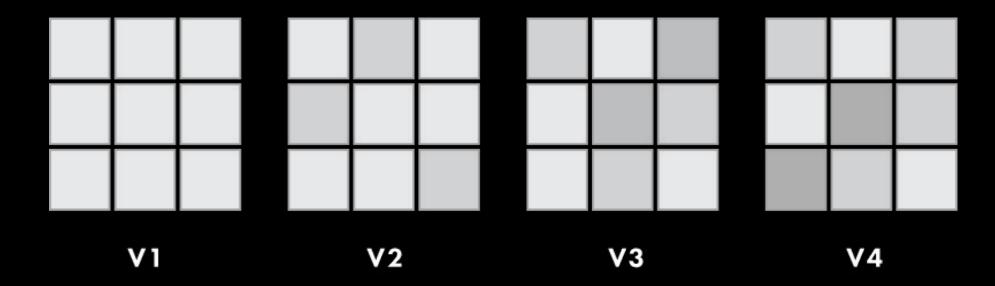
# Technical Details

TECHNICAL DATA	STANDARD	REQUIREMENT	COLLECTION VALUE
Length And Width	ISO 10545-2	± 0.6% Max	± 0.1%
Thickness	ISO 10545-2	± 5% Max	± 3%
Linearity	ISO 10545-2	± 0.5% Max	± 0.1%
Wedging	ISO 10545-2	± 0.6% Max	± 0.1%
Warpage	ISO 10545-2	± 0.5% Max	± 0.2%
Water Absorbtion	ISO 10545-3	≤ 0.5%	≥ 0.03% - 0.08%
Deep Abrasion Resistance	ISO 10545-6	≤ 175 m m <sup>3</sup>	142mm³
Coefficient Of Linear Thermal-Expansion	ISO 10545-8	On Request	On Request
Frost Resistance	ISO 10545-12	Must Not Produce Noticeable	
		Alteration To Surface	Frost-Proof
Chemical Resistance	ISO 10545-13	Must Not Produce Noticable	
		Signs Of Chemical Attack	Conforms
Stain Resistance	ISO 10545-14	Testing Method Available	Resistance To Stain



#### Shade Tone Variance

Shade, texture and tone can vary from piece to piece within a single tile production run. V1 shade tone variation has little or no change from piece to piece where a V4 might have a substantial variety of shade, texture and tone variation.



VARIANCE RATING	DESCRIPTION
V1	Uniform Appearance
V2	Slight Variation
V3	Moderate Variation
V4	Substantial Variation

COLOUR	VARIANCE
Breccia Tuscany	V3
Crystal Quartz	V3
Dark Emperor	V3
Lapis Blue	V3
Marmi Bianco	V3
Marmo Orobico	V3
Persa Chiara	V3
Persa Grigio	V3
Smoky Quartz	V3
Tiger Quartz	V3

#### Ramp Test Values (DIN 51130)

DIN Standard Ramp Testing (DIN 51130) is an alternative to Pendulum Testing and generally categorised as an 'off-site' activity because of the size and complexity of the equipment required to carry out the test. The Slip Resistance Values (RSV) are factory gate values (based on supplied tiles) and categorised using the Ramp Test (DIN 51130) method which is commonly used by European factories. In this method, a lubricated inclined platform is adjusted to a gradually increasing gradient, and the angle is measured at which a person walking on it slips.

R RATING VALUE	FRICTION
R9	Minimal
R1O	Normal
R11	Good
R12	Good
R13	Very High

COLOUR	FINISH/STYLE	R RATING VALUE	FRICTION
Marmi Bianco	Natural	R9	Minimal

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#### Environmental Certification



LEED® certification provides independent, third party verification that a building project meets the highest green building and performance measure. All certified projects receive a LEED® plaque, which is nationally recognised symbol demonstrating that a building us environmentally responsible, profitable and a healthy place to live and work. The environmental characteristics have been evaluated and found according to the requirements of content of recycled material for environmental assessment according to LEED® criteria. These products contribute to the increase in the LEED® rating of buildings where they are used.



The EU Ecolabel helps you identify products and services that have a reduced environmental impact throughout their life cycle, from the extraction of raw material through to production, use and disposal. Recognised throughout Europe, EU Ecolabel is a voluntary label promoting environmental excellence which can be trusted. Ecolabel certification applies to building products such as ceramic tiles for residential and public flooring and wall- covering. The commission in charge of the certification system measures the environmental impact caused by the entire productive cycle; in the case of ceramic tiles, the verification starts from raw material quarrying through to manufacturing, distribution, installation and their final disposal. Our factories conform and are certified by the European Community standard Ecolabel and the production process is in complete harmony with the Ecolabel certification.



GREENGUARD Certification ensures that a product meets stringent standards for minimal emissions of volatile organic compounds (VOCs) into indoor air. This program provides assurance that products designed for indoor use adhere to strict chemical emissions limits, fostering the creation of healthier interiors. Manufacturers with GREENGUARD Certification gain credibility for their sustainability claims, supported by empirical technical data from an unbiased third-party organisation. The GREENGUARD Certification Program instills confidence by ensuring that indoor products meet strict chemical emissions limits, contributing to the creation of healthier interior spaces. This empowers manufacturers to produce and customers to identify products with low chemical emissions, thereby supporting air quality and environmental well-being.



NSF® has facilitated the development of more than 75 standards and protocols for sanitary food equipment, and has certified thousands of products as safe to use in restaurant and commercial kitchen settings. NSF® food equipment standards include requirements for material safety, design, construction and product performance. The products conform to the requirements of NSF/ANSI Standard 51 – Food Equipment Materials. NSF/ANSI 51 establishes minimum public health and sanitation requirements for materials and finishes used in the manufacture of commercial foodservice equipment



An Environmental Product Declaration (EPD) is a concise document that transparently communicates the environmental performance of a product throughout its life cycle. It provides comprehensive information about the product's environmental impact, including aspects such as raw material extraction, production processes, energy consumption, and emissions. EPDs are based on standardised methodologies and enable consumers, businesses, and policymakers to make informed decisions by considering the environmental aspects of a product in a systematic and comparable way.

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