Marble Collection

PORCELAINTILES



#### Marble Collection

Reproducing some of the finest marbles including Carrara, Grandi Marmi uses cutting-edge technology to offer a precise marble finish in a highly versatile format. Due to its scale, Grandi Marmi is suitable for rooms with higher ceilings and larger areas of floorspace, while the 6 mm thickness means it can be incorporated into a vast array of fabrication pieces. Grandi Marmi also features a continuous veining design, which spans across multiple panels and can also be provided in Bookmatched panels for use within hotel lobbies and entrance halls or for creating that spectacular feature wall. With Polished, Honed and Natural finishes, Grandi Marmi is the most flexible dressing for any internal space.



Covelano Calacatta Face 1 Face 2 Face 3 Face 4



<sup>\*</sup> SEE TECHNICAL SPECIFICATION TABLE A



Carrara Elite

Face 1

Face 2

Face 3

Face 4

<sup>\*</sup> SEE TECHNICAL SPECIFICATION TABLE A



Bianco Elegante Face 1 Face 2 Face 3 Face 4

<sup>\*</sup> SEE TECHNICAL SPECIFICATION TABLE A



Negresco

Face 1

Face 2

Face 3

Face 4

<sup>\*</sup> SEE TECHNICAL SPECIFICATION TABLE A



Grandi Marmi

Nero Marquina Face 1 Face 2 Face 3 Face 4



<sup>\*</sup> SEE TECHNICAL SPECIFICATION TABLE A



Grandi Marmi

Sahara Black Face 1 Face 2 Face 3 Face 4 Face 5



<sup>\*</sup> SEE TECHNICAL SPECIFICATION TABLE A



# Grandi Marmi Calacatta Dorato

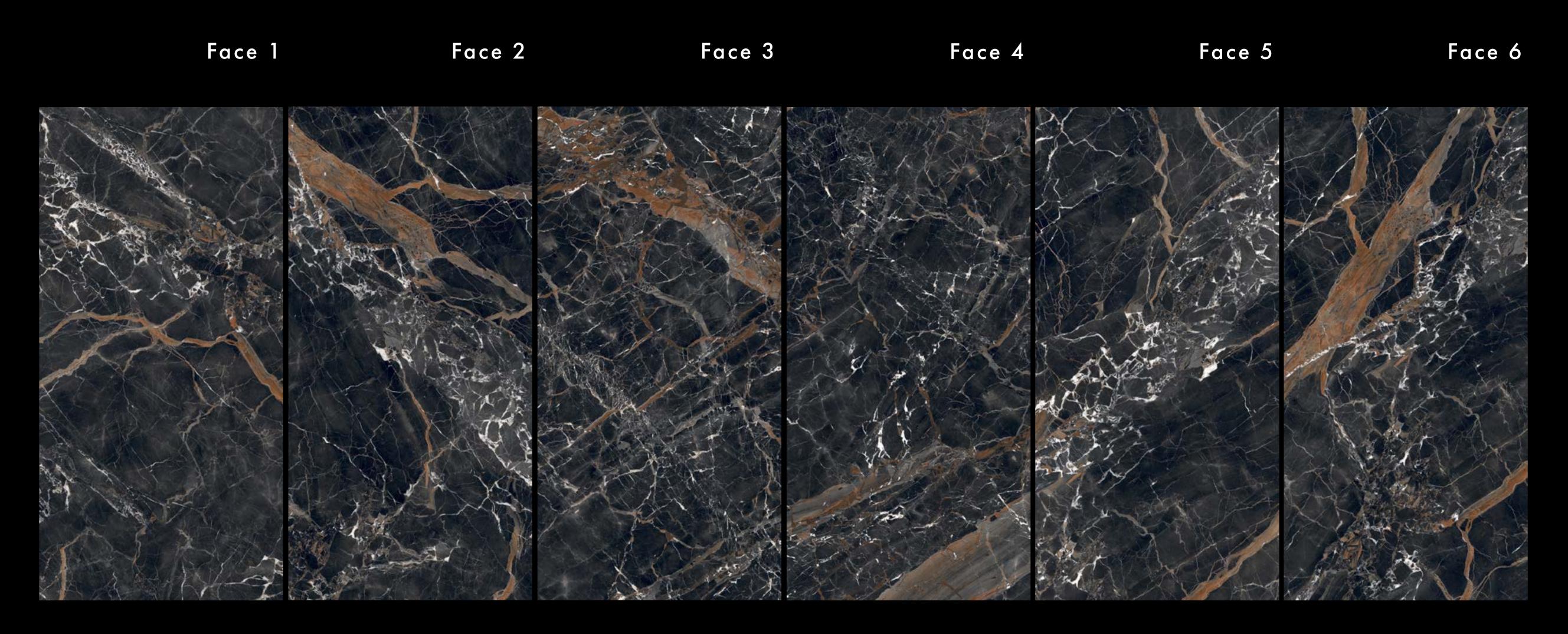


<sup>\*</sup> SEE TECHNICAL SPECIFICATION TABLE B



Grandi Marmi

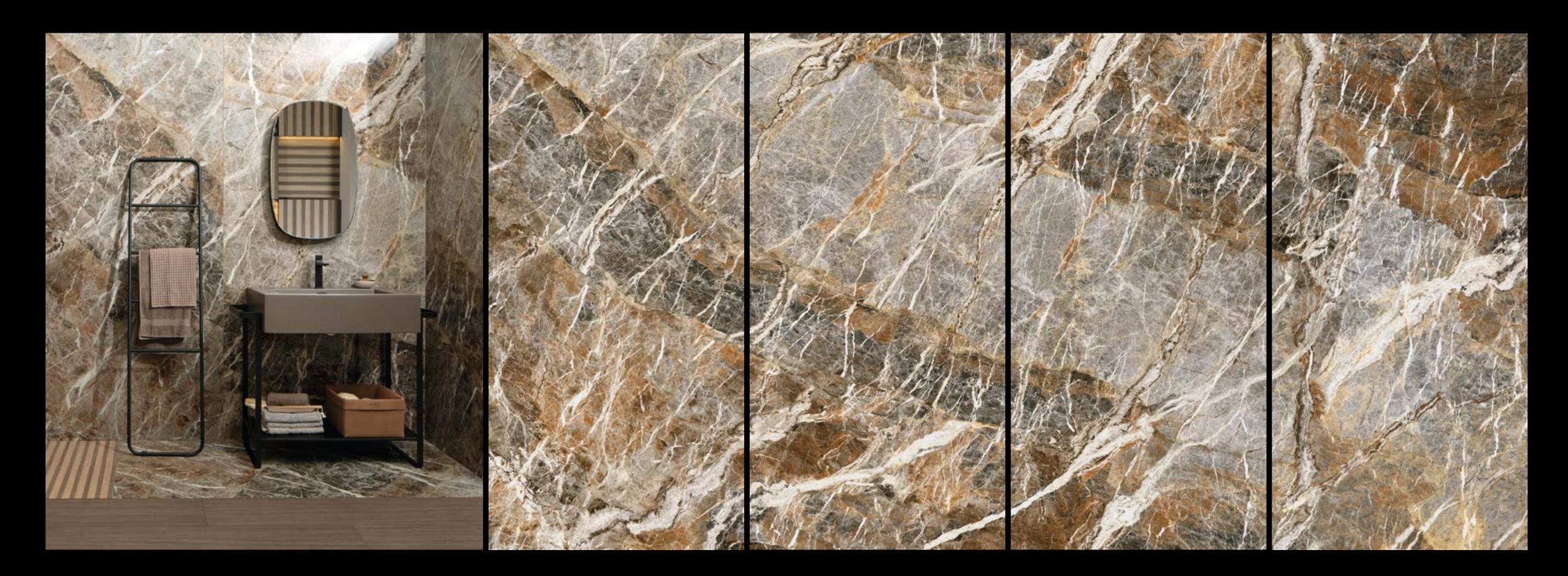
#### Port Laurent



<sup>\*</sup> SEE TECHNICAL SPECIFICATION TABLE B

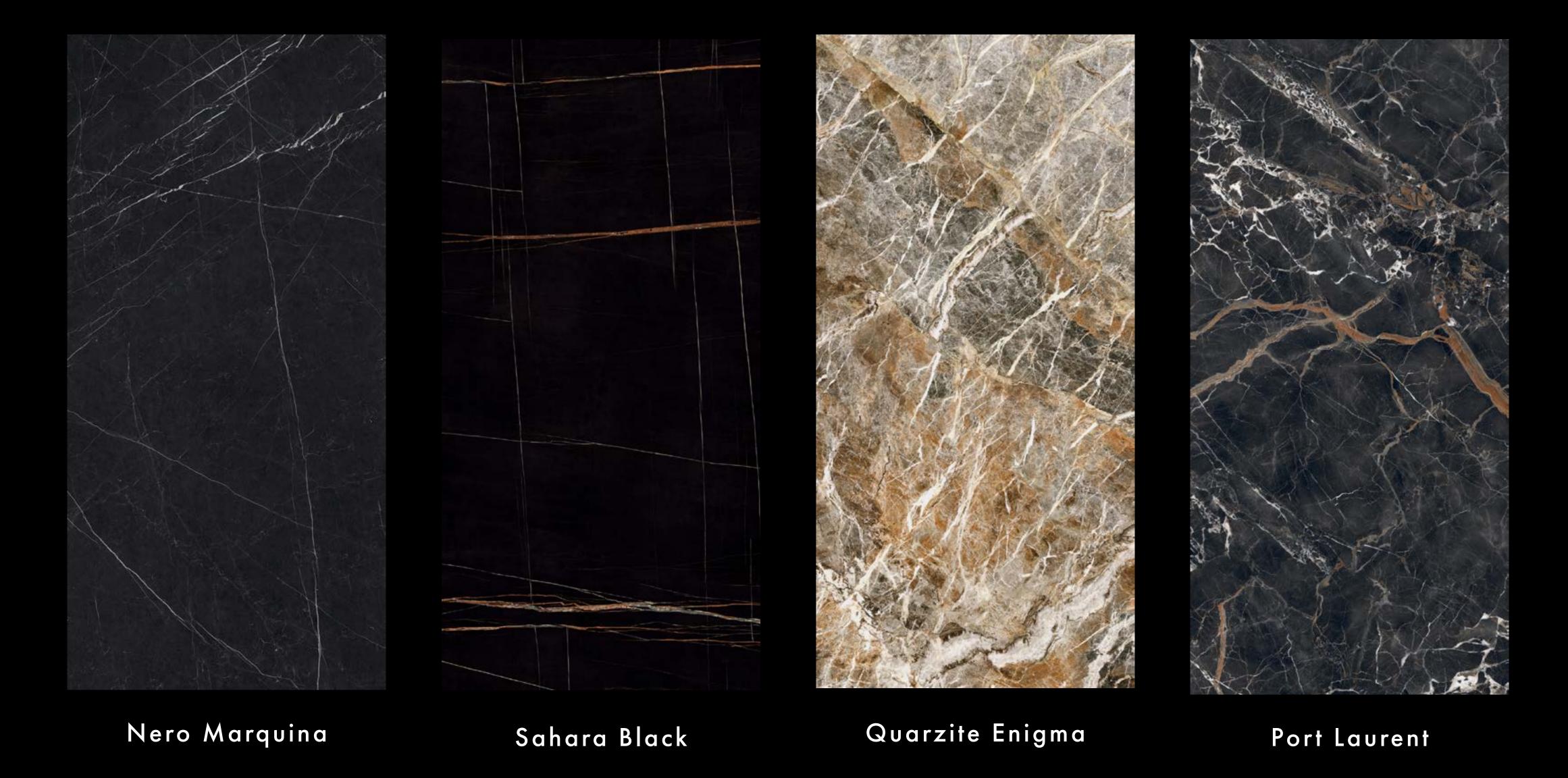


Quarzite Enigma Face 1 Face 2 Face 3 Face 4



<sup>\*</sup> SEE TECHNICAL SPECIFICATION TABLE B





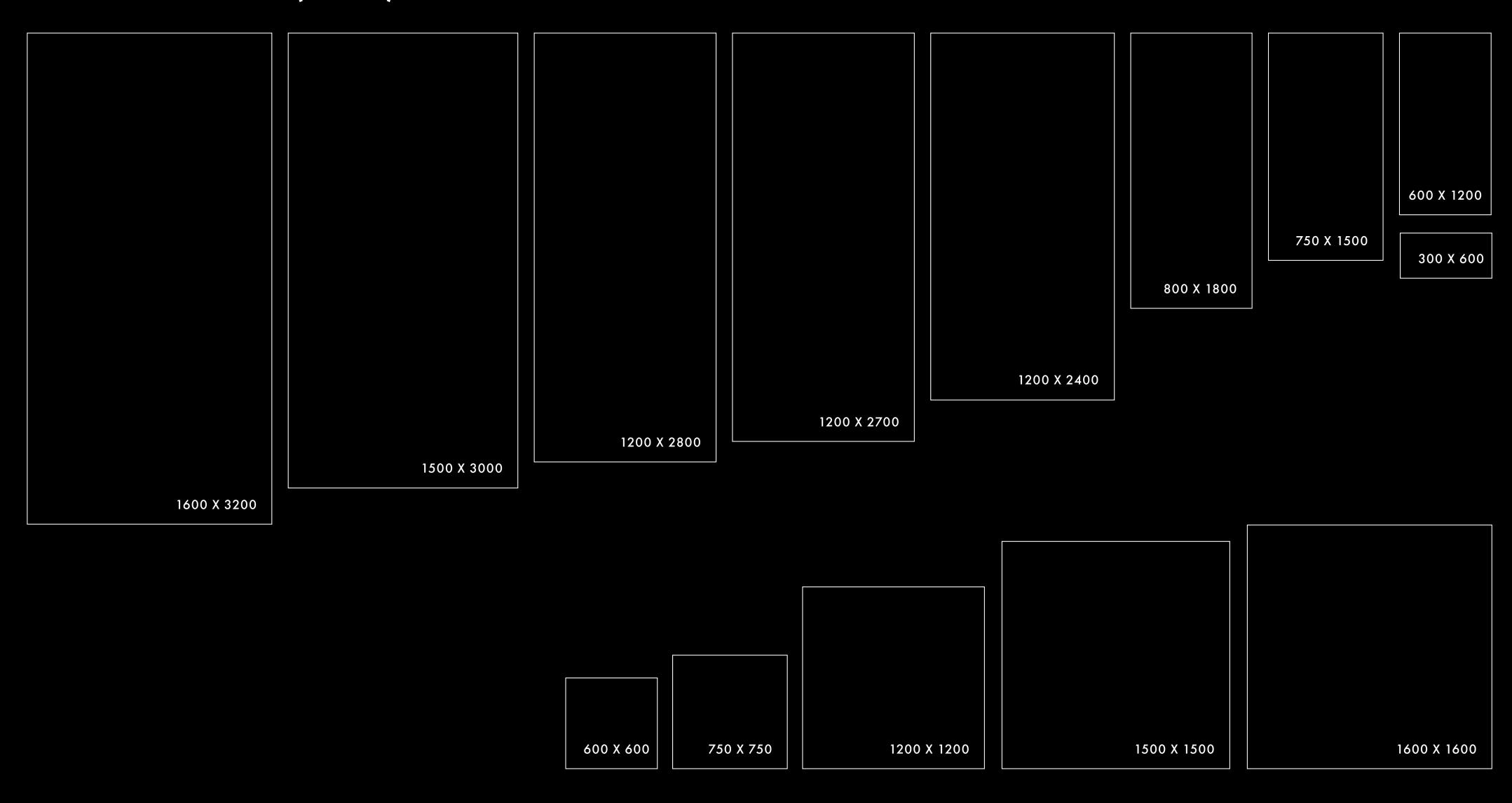


COLOUR	FINISH	SIZE(MM)
Calacatta Dorato   Capri   Quarzite Enigma	Natural	1600 X 3200 X 6
Calacatta Dorato   Capri   Quarzite Enigma	Polished	1600 X 3200 X 6
Bianco Elegante   Carrara Elite   Negresco   Nero Marquina   Sahara Black	Honed	1500 X 3000 X 6
Bianco Elegante   Covelano Calacatta   Negresco	Natural	1500 X 3000 X 6
Bianco Elegante   Carrara Elite   Covelano Calacatta   Negresco   Nero Marquina   Sahara Black	Polished	1500 X 3000 X 6
Calacatta Dorato   Capri   Quarzite Enigma	Natural	1200 X 2800 X 6
Calacatta Dorato   Capri   Port Laurent   Quarzite Enigma	Polished	1200 X 2800 X 6
Bianco Elegante   Negresco   Sahara Black	Honed	1200 X 2700 X 6
Bianco Elegante   Negresco	Natural	1200 X 2700 X 6
Negresco   Nero Marquina   Sahara Black	Polished	1200 X 2700 X 6
Port Laurent   Quarzite Enigma	Natural	1200 X 2400 X 6
Port Laurent   Quarzite Enigma	Polished	1200 X 2400 X 6
Calacatta Dorato   Capri   Port Laurent   Quarzite Enigma	Natural	800 X 1800 X 9
Calacatta Dorato   Capri   Port Laurent   Quarzite Enigma	Polished	800 X 1800 X 9
Calacatta Dorato   Capri   Quarzite Enigma	Natural	1600 X 1600 X 6
Calacatta Dorato   Capri   Quarzite Enigma	Polished	1600 X 1600 X 6
Bianco Elegante   Carrara Elite   Negresco   Nero Marquina   Sahara Black	Honed	1500 X 1500 X 6
Bianco Elegante   Covelano Calacatta   Negresco	Natural	1500 X 1500 X 6
Bianco Elegante   Carrara Elite   Covelano Calacatta   Negresco   Nero Marquina   Sahara Black	Polished	1500 X 1500 X 6
Bianco Elegante   Carrara Elite   Negresco   Nero Marquina   Sahara Black	Honed	750 X 1500 X 6
Bianco Elegante   Covelano Calacatta   Negresco	Natural	750 X 1500 X 6
Bianco Elegante   Carrara Elite   Covelano Calacatta   Negresco   Nero Marquina   Sahara Black	Polished	750 X 1500 X 6

## Colours continued

Negresco   Nero Marquina   Sahara Black	Honed	1200 X 1200 X 6
Bianco Elegante   Calacatta Dorato   Capri   Negresco   Port Laurent   Quarzite Enigma	Natural	1200 X 1200 X 6
Calacatta Dorato   Capri   Negresco   Nero Marquina   Port Laurent   Quarzite Enigma   Sahara Black	Polished	1200 X 1200 X 6
Calacatta Dorato   Capri   Port Laurent   Quarzite Enigma	Natural	600 X 1200 X 9
Calacatta Dorato   Capri   Port Laurent   Quarzite Enigma	Polished	600 X 1200 X 9
Calacatta Dorato   Capri   Port Laurent   Quarzite Enigma	Natural	600 X 1200 X 6
Calacatta Dorato   Capri   Port Laurent   Quarzite Enigma	Polished	600 X 1200 X 6
Bianco Elegante   Carrara Elite   Negresco   Nero Marquina   Sahara Black	Honed	750 X 750 X 6
Bianco Elegante   Covelano Calacatta   Negresco	Natural	750 X 750 X 6
Bianco Elegante   Carrara Elite   Covelano Calacatta   Negresco   Nero Marquina   Sahara Black	Polished	750 X 750 X 6
Calacatta Dorato   Capri   Port Laurent	Natural	600 X 600 X 9
Calacatta Dorato   Capri   Port Laurent	Polished	600 X 600 X 9
Calacatta Dorato   Capri	Natural	300 X 600 X 9
Calacatta Dorato   Capri	Polished	300 X 600 X 9

# Size Guide (mm)



#### Bookmatched

For a dramatic statement, Grandi Marmi offers stunning bookmatched tiles in Bianco Elegante. Available in 'Block A' and 'Block B' Polished marble surfaces and designed to create maximum impact these bookmatched tiles are offered in 1500 x 3000 mm format, ideal for use in hotel lobbies, stairwells and luxury bathrooms.



Bianco Elegante Bookmatched

COLOUR	FINISH	SIZE(MM)	DETAIL
Bianco Elegante	Polished	1500 X 3000 X 6	Bookmatch Block A
Bianco Elegante	Polished	1500 X 3000 X 6	Bookmatch Block B



## Technical Details - Table A

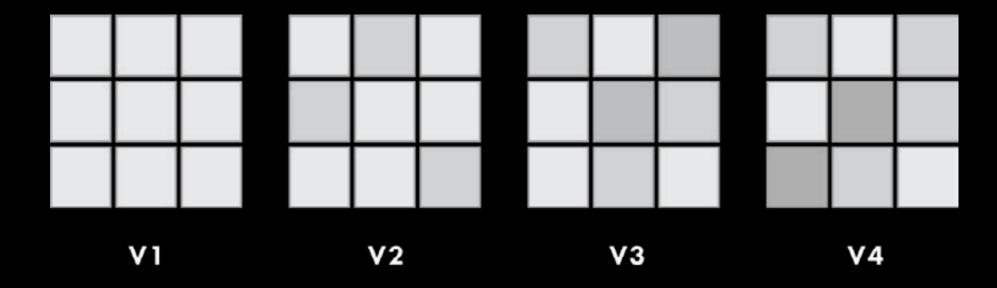
TECHNICAL DATA	STANDARD	REQUIREMENT	COLLECTION VALUE
Length And Width	ISO 10545-2	± 0.6% Max	± 0.1%
Thickness	ISO 10545-2	± 5% Max	± 5%
Linearity	ISO 10545-2	± 0.5% Max	± 0.1%
Wedging	ISO 10545-2	± 0.5% Max	± 0.1%
Warpage	ISO 10545-2	± 0.5% Max	± 0.2%
Water Absorption	ISO 10545-3	≤ 0.5 %	Natural: 0.03% - 0.06%
			Polished: 0.05% - 0.08%
Deep Abrasion Resistance	ISO 10545-6	≤ 175 Mm³	140 Mm <sup>3</sup>
Coefficient Of Linear Thermal Expansion	ISO 10545-8	≤ 9x10-6 °C-1	6.5x10-6 °C-1
Resistance To Thermal Shocks	ISO 10545-9	Testing Method Available	Resistant
Frost Resistance	ISO 10545-12	Must Not Produce Noticeable	
		Alteration To Surface	Conforms
Chemical Resistance	ISO 10545-13	Testing Method Available	On Request
Stain Resistance	ISO 10545-14	Testing Method Available	Resistant To Stain
Colour Resistance To Light	DIN 51094	Must Not Produce Noticeable	
		Colour Variation	Conforms

## Technical Details - Table B

TECHNICAL DATA	STANDARD	REQUIREMENT	COLLECTION VALUE
Length And Width	ISO 10545-2	± 0.6% Max	± 0.15%
Thickness	ISO 10545-2	± 5% Max	± 5%
Linearity	ISO 10545-2	± 0.5% Max	± 0.1%
Wedging	ISO 10545-2	± 0.5% Max	± 0.2%
Warpage	ISO 10545-2	± 0.5% Max	± 0.2%
Water Absorption	ISO 10545-3	≤ 0.5 %	± 0.8%
Deep Abrasion Resistance	ISO 10545-6	≤ 175 Mm³	140 Mm <sup>3</sup>
Resistance To Thermal Shocks	ISO 10545-9	Testing Method Available	Resistant
Frost Resistance	ISO 10545-12	Must Not Produce Noticeable	
		Alteration To Surface	Resistant
Chemical Resistance	ISO 10545-13	Testing Method Available	On Request
Stain Resistance	ISO 10545-14	Testing Method Available	Class 4-5

#### 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
Bianco Elegante	V2
Carrara Elite	V2
Covelano Calacatta	V2
Negresco	V2
Nero Marquina	V2
Port Laurent	V3
Quarzite Enigma	V4
Sahara Black	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
Bianco Elegante	Natural	R 9	Minimal
Covelano Calacatta	Natural	R 9	Minimal
Negresco	Natural	R9	Minimal
Quarzite Enigma	Natural	R10	Normal

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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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