

# Grandi Marmi

# Marble Collection

# PORCELAIN TILES





# Grandi Marmi Marble Collection

Reproducing some of the finest marbles including Calacatta, 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.



### Grandi Marmi **Covelano Calacatta**

#### Face 1





\* SEE TECHNICAL SPECIFICATION TABLE A



Face 3













# Grandi Marmi Bianco Elegante



# Grandi Marmi

#### Negresco

#### Face 1





\* SEE TECHNICAL SPECIFICATION TABLE A

#### Face 2

Face 3

Face 4









## Grandi Marmi Nero Marquina



## Grandi Marmi Sahara Black





\* SEE TECHNICAL SPECIFICATION TABLE A



## Grandi Marmi Calacatta Dorato

Face 1



\* SEE TECHNICAL SPECIFICATION TABLE B

Face 3

Face 2

Face 4

#### Face 5

#### Face 6

#### 1200 x 2800 x 6

Grandi Marmi - Port Laurent



## Grandi Marmi Port Laurent



\* SEE TECHNICAL SPECIFICATION TABLE B

Face 3

Face 4

Face 5



1200 x 2800 x 6



## Grandi Marmi Quarzite Enigma

#### Face 1



\* SEE TECHNICAL SPECIFICATION TABLE B

#### Face 2

Face 3

Face 4





Covelano Calacatta



Negresco



Aubisque



Nero Marquina



Sahara Black



Quarzite Enigma



Port Laurent



Capri



Calacatta Dorato



#### Bianco Elegante

COLOUR Quarzite Enigma Quarzite Enigma Bianco Elegante | Negresco | Sahara Black Covelano Calacatta | Negresco Covelano Calacatta | Negresco | Sahara Black Aubisque Calacatta Dorato | Capri Quarzite Enigma Aubisque | Calacatta Dorato | Capri | Port Laurent | Quarzite Enigma Bianco Elegante | Negresco | Sahara Black Negresco Negresco | Sahara Black Aubisque Calacatta Dorato | Capri Quarzite Enigma Aubisque | Calacatta Dorato | Capri | Port Laurent | Quarzite Enigma Calacatta Dorato | Capri Calacatta Dorato | Capri Quarzite Enigma Quarzite Enigma Bianco Elegante | Negresco | Nero Marquina | Sahara Black Bianco Elegante | Covelano Calacatta | Negresco Covelano Calacatta | Negresco | Nero Marquina | Sahara Black Bianco Elegante | Negresco | Nero Marquina | Sahara Black Bianco Elegante | Covelano Calacatta | Negresco Covelano Calacatta | Negresco | Nero Marquina | Sahara Black Aubisque Aubisque

INISH	SIZE(MM)
Natural	1600 x 3200 x 6
Polished	1600 x 3200 x 6
loned	1500 x 3000 x 6
Natural	1500 x 3000 x 6
Polished	1500 x 3000 x 6
loned	1200 x 2800 x 6
Natural	1200 x 2800 x 6
Natural R10	1200 x 2800 x 6
Polished	1200 x 2800 x 6
loned	1200 x 2700 x 6
Natural	1200 x 2700 x 6
Polished	1200 x 2700 x 6
loned	1200 x 2400 x 6
Natural	1200 x 2400 x 6
Natural R10	1200 x 2400 x 6
Polished	1200 x 2400 x 6
Natural	800 x 1800 x 9
Polished	800 x 1800 x 9
Natural	1600 x 1600 x 6
Polished	1600 x 1600 x 6
loned	1500 x 1500 x 6
Natural	1500 x 1500 x 6
Polished	1500 x 1500 x 6
loned	750 x 1500 x 6
Natural	750 x 1500 x 6
Polished	750 x 1500 x 6
loned	1200 x 1200 x 9
Polished	1200 x 1200 x 9

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# Colours continued

Aubisque | Negresco | Nero Marquina | Sahara Black Calacatta Dorato | Capri | Negresco Quarzite Enigma Aubisque | Calacatta Dorato | Capri | Negresco | Nero Marquina Port Laurent | Quarzite Enigma | Sahara Black Aubisque Aubisque Calacatta Dorato | Capri Quarzite Enigma Aubisque | Calacatta Dorato | Capri | Port Laurent | Quarzite Enigma Aubisque Calacatta Dorato | Capri Quarzite Enigma Aubisque | Calacatta Dorato | Capri | Port Laurent | Quarzite Enigma Aubisque Aubisque Bianco Elegante | Negresco | Sahara Black Covelano Calacatta | Negresco Covelano Calacatta | Negresco | Sahara Black Aubisque Calacatta Dorato | Capri Aubisque | Calacatta Dorato | Capri Calacatta Dorato | Capri Calacatta Dorato | Capri Aubisque | Calacatta Dorato | Capri Calacatta Dorato | Capri Calacatta Dorato | Capri

Honed	1200 x 1200 x 6
Natural	1200 x 1200 x 6
Natural R10	1200 x 1200 x 6
Polished	1200 x 1200 x 6
Grip	600 x 1200 x 9
Honed	600 x 1200 x 9
Natural	600 x 1200 x 9
Natural R10	600 x 1200 x 9
Polished	600 x 1200 x 9
Honed	600 x 1200 x 6
Natural	600 x 1200 x 6
Natural R10	600 x 1200 x 6
Polished	600 x 1200 x 6
Grip   Honed	800 x 800 x 9
Polished	800 x 800 x 9
Honed	750 x 750 x 6
Natural	750 x 750 x 6
Polished	750 x 750 x 6
Honed	600 x 600 x 9
Natural	600 x 600 x 9
Polished	600 x 600 x 9
Natural   Polished	300 x 600 x 9
Natural	600 x 600 x 9
Polished	600 x 600 x 9
Natural	300 x 600 x 9
Polished	300 x 600 x 9

# Size Guide (mm)



600 X 600

750 X 750





# Technical Details - Table A

Specification	Test Methods	Required Value	Manufacturers Values	
			Honed	Polished
Length And Width	ISO 10545-2	± 0.6% Max	± 0.1%	± 0.1%
Thickness	ISO 10545-2	± 5% Max	± 5%	± 5%
Linearity	ISO 10545-2	± 0.5% Max	_	_
Wedging	ISO 10545-2	± 0.6% Max	± 0.1%	± 0.1%
Surface Flatness	ISO 10545-2	± 0.5% Max	± 0.2%	± 0.2%
Water Absorbtion	ISO 10545-3	≤ 0.5%	0.08%	< 0.1%
Modulus Of Rupture	ISO 10545-4	$\geq$ 35N/Mm <sup>2</sup>	50N/Mm <sup>2</sup>	$47 N/Mm^2$
Deep Abrasion Resistance	ISO 10545-6	≤ 175mm³	140 Mm <sup>3</sup>	140 Mm <sup>3</sup>
Coefficient Of Linear Thermal-Expansion	ISO 10545-8	On Request	On Request	On Request
Thermal Shock Resistance	ISO 10545-9	Testing Method Available	Resistant	Resistant
Frost Resistance	ISO 10545-12	Must Not Produce Noticeable		
		Alteration To Surface	Frost-Proof	Frost-Proof
Chemical Resistance	ISO 10545-13	No Sample Must Show Visible		
		Signs Of Chemical Attack		
		(Acids-Bases-Additives For Pools)		
		Except For Products Containing		
		Hydrofluoric Acid And Derivatives	Unaffected	Unaffected
Stain Resistance	ISO 10545-14	Testing Method Available	Resistance To Stain	Resistance To

To Stain

Grandi Marmi - Nero Marquina

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# 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	
V 1	Uniform Appearance	
V2	Slight Variation	
V3	Moderate Variation	
V4	Substantial Variation	

COLOUR	VARIANCE
Aubisque	V4
Bianco Elegante	V2
Covelano Calacatta	V2
Negresco	V2
Nero Marquina	V2
Port Laurent	V3
Quarzite Enigma	V4
Sahara Black	V33

# 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	
R10	Normal	
R11	Good	
R12	Good	
R13	Very High	

COLOUR	FINISH/STYLE	R RATING VALUE
Aubisque	Grip	R11
Aubisque	Honed	R9
Bianco Elegante	Natural	R9
Calacatta Dorato	Natural	R9
Capri	Natural	R 9
Covelano Calacatta	Natural	R 9
Negresco	Natural	R 9
Quarzite Enigma	Natural	R 9
Quarzite Enigma	Natural R10	R10

FRICTION Good Minimal Minimal Minimal Minimal Minimal Minimal



# Environmental Certification



LEED<sup>®</sup> certification provides independent, third party verification that a building project meets the highest green building and performance measure. All certified projects receive a LEED<sup>®</sup> 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<sup>®</sup> criteria. These products contribute to the increase in the LEED<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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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#### PORCELAIN TILES

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