

Nexion

STONE GALLERY

LITHIC

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We're relentlessly focused on reaching outstanding goals in the field of sintered stone slabs and to stay on our **commitment to excellence in manufacturing high quality slabs and large size tiles.**

To us, excellence comes from passion and experience. **Passion and experience in mastering creativity, design, technology and process management.**

We always aim to the highest standards but we also allow for evolution and new valuable ideas. Italian creativity is in our soul: Nexion products are defined by quality, high standard and design. Materials blossom under the genius mind of Italian R&D and designer's team.

Never content to settle for the status quo, we also focus on a consulting approach cater to find new advanced solutions to our demanding clients.

Nature is an endless source of inspiration just as man-made materials are canvas for new perspectives. Both of these dimensions are stunning, textural, colorful and versatile mediums for designing and creating unique sintered solutions.

“We always aim to the highest standards but we also allow for evolution and new valuable ideas.”



Nexion is a brand of Nexion International, a multinational ceramic company born from the meeting of two large family groups that have always been leaders in their reference markets: Ceramiche Speranza, the Italian firm founded in 1961 that established state-of-the-art manufacturing facilities in India together with the Aghara family, one of the leading players in ceramics and sanitary wares in India since 1977.

COMPANY



All Nexion collections stand out for their superior **physical qualities, chemical characteristics and beautiful aesthetics.**

To achieve the highest quality standards Nexion combines over **50 years old tradition with ongoing research, development on materials, state-of-the-art technology, sophisticated manufacturing processes and significant resources to continuous improvement.**



COMMITTMENT TO QUALITY

Nexion is a global brand that crosses the borders of different countries.

The main strategic value chain activities are based in Italy. Our **top-quality production** is located in India into a fully automated state-of-art facility equipped with the latest Italian machineries. Our sales network focuses on specific high-potential and high-value target markets **all over the world**.



● Design

● Manufacture

REACH

We nurture our strong **multicultural vocation**: Nexion people are a successful and well integrated team with some of **the top talent of the Italian and Indian culture, both rich in history, tradition and values.**

Everyday, over 300 people use their passion, enthusiasm and highly specialized skills to turn the important targets we have set for ourselves into positive results.



“300 people use their passion, enthusiasm and highly specialized skills to turn the important targets we have set for ourselves into positive results.”



The most precious resources are our employees. For this reason, even before the launch of our plant we have given life to an special program of **“Corporate Social Responsibility” which aims to provide to our employees and their families the best living work-life conditions possible especially in a developing country such as India.**

The CSR program covers different areas: **work conditions, welfare, surveillance and medical assistance**; we dedicate great attention to our employees’s worklife balance by providing them high quality amenities and accommodations for their families within our company’s compound.

Our purpose is simple as much as essential in nature: we want to create the best possible working-life conditions allowing our employees to live a dignified and satisfying life both inside and outside the workplace.

We are proud of the standards that we have achieved and we hope that, following our example, more companies will commit to improve the working and living conditions of employees and their families.



Italian Design

Nexion sintered surfaces are the finest expression **of Italian style and imagination: a superior aesthetics** of products designed in Italy by experienced creative.

Italian Quality

Italian design can be accomplished only with **Italian quality of Italian production processes & know-how**. High quality machinery and expertise about the way to apply the potential of technologies allow us to obtain reliable and lasting technical results.

Modularity

Nexion offers the **largest range of products in multiple sizes**, surfaces and technical characteristics to find the right solution for any kind of space.

Customer Oriented

Customization and customer-centric make our service as much as possible suitable to satisfy design needs and desires, allowing experimentation with a variety of graphics, surfaces, colors and more.



**HIGH PRESSURE,
HIGH TEMPERATURE,
UNPARALLELED PERFORMANCE.**

NEXION SINTERED STONE

Nexion is **inspired by nature to create sintered stones**, solutions with a very high technical and aesthetic impact, moving forward the sensory range of the stone look effect.

The sintering process allows surfaces to be subjected to **extremely high pressures and temperatures**, giving the products physical-mechanical characteristics unprecedented in the tiles design sector.

Nexion sintered stones distinguish themselves for extremely **high performances**, able to give back all the flavor of stones that have always represented a very high degree of exclusivity in the construction field, designed and developed for the most refined tastes.

NEXION SINTERED STONE



1. SUPERIOR AESTHETICS



The best creative have selected the finest inspirations to create a new range of refined sintered stones that perfectly **reinterpret natural materials**, with a stylistic accent that stands out for a sophisticated contemporary taste.

2. COLORS



Our sintered stones reproduce exactly the colors and shades as the materials of inspiration, with an amazing degree of chromatic fidelity. The design processes mix and balance a very high range of shading, nuances and tints with an unparalleled degree of visual rendering.

3. LOOK AND FEEL



Sintered stone structures, with their iridescent effect, are a real optical invitation: just touching the material to discover that those textures are really as they appear. Our solutions reproduce the natural textures, managing to give our surfaces the same uniqueness and materic consistency. The sincere look and feel reproduces all the refinement of details that make precious natural stones so admired.

4. SOFT TOUCH



Rich and pleasant to caress: the use of new glazes has allowed us to design extremely soft surfaces, giving materials all the unique roundness and fullness maintaining the same qualities of the sintered material while keeping high performance and anti-slippery properties.

LITHIC

Our Sintered Stones Surfaces

Lithic revisits the **innate beauty of the natural stone** according to **Nexion designer style** which opens the boundaries to new technical features with the revolutionary **Matte Silk** finishing.

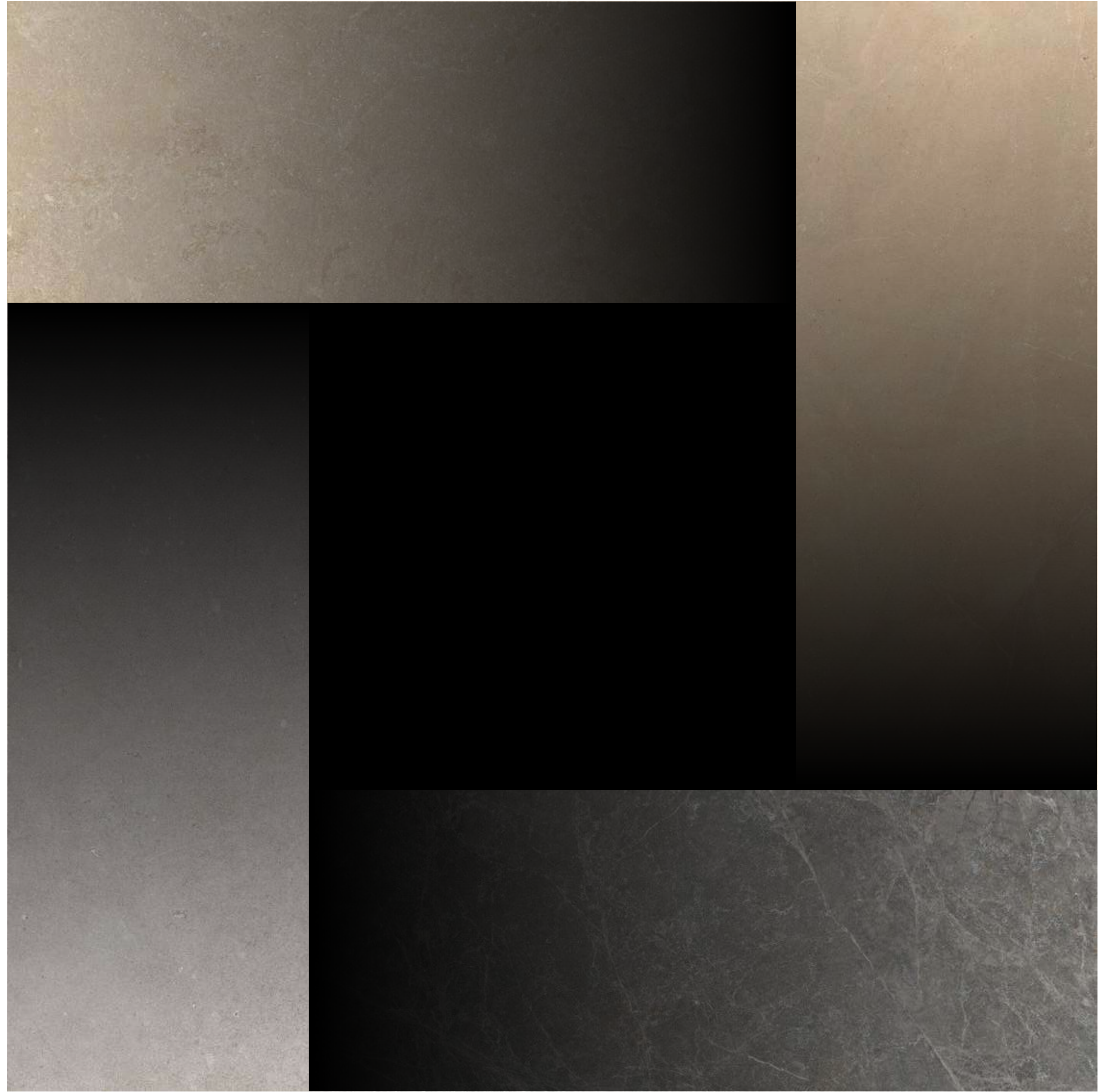
Four new aesthetics emulate the vivid and realistic shades of natural stone and harmonize the graphics of nature by representing it in sintered stone.

Brightness, texture and Matte Silk:

world's finest materials are re-design and enhanced by an incomparable research and design process to give the material the right texture, touch and look; **Nexion present a new revolution in matt surfaces: Matte Silk**, an unparallel soft touch surface without compromising on anti slippery and anti-reflective technical performance of sintered stone.

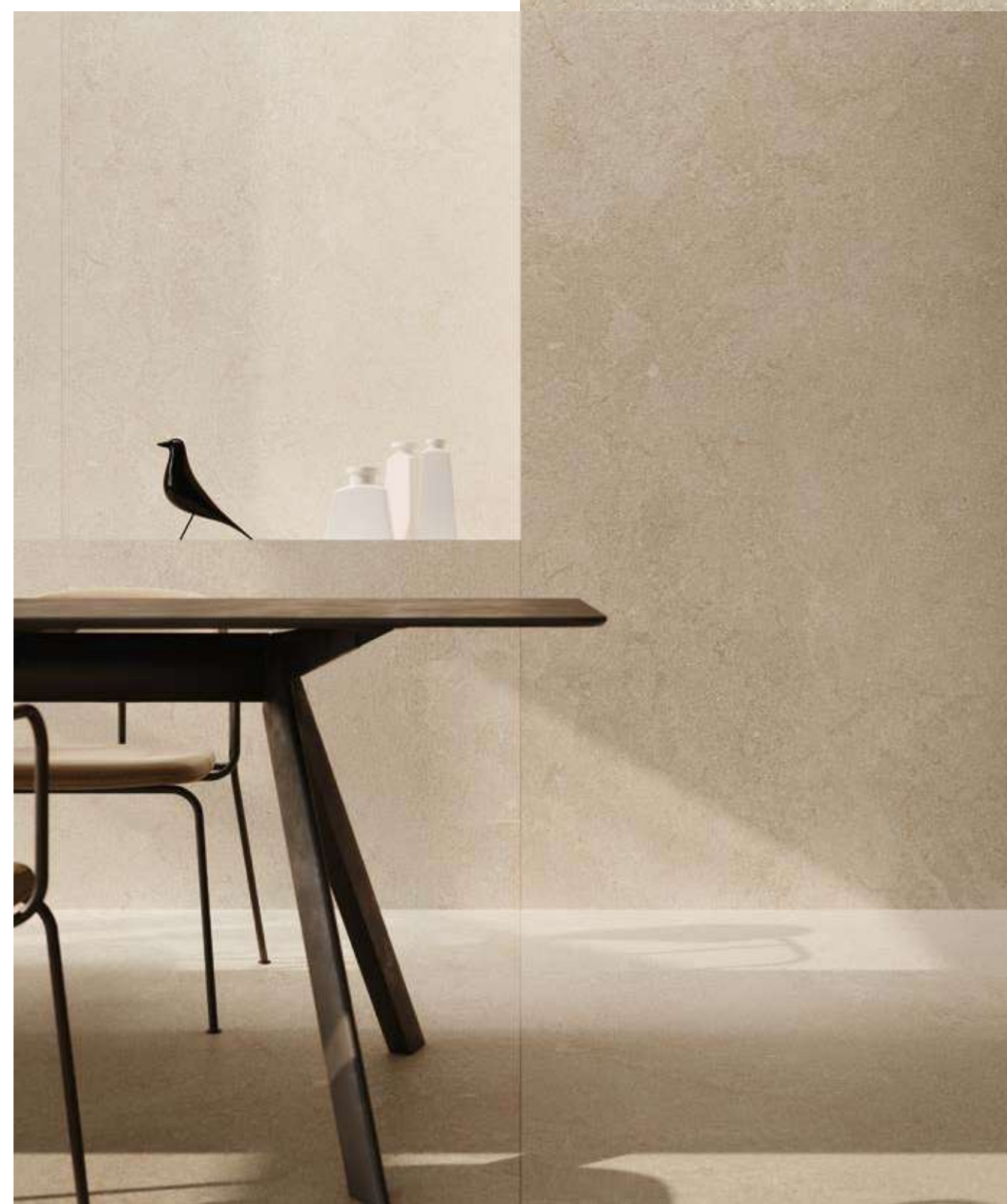
Lithic offers impeccable aesthetic solutions together with the highest technical qualities of Nexion sintered stone.

The collection comes in four colours: **Roccia Portoghese**, inspired by the beige limestone, **Vicenza Beige**, the classic pale sedimentary stone, **Basalto Grigio**, the dark volcanic rock, and **Gabbro Sfumato**, gray with muted tones.





ROCCIA PORTOGHESE

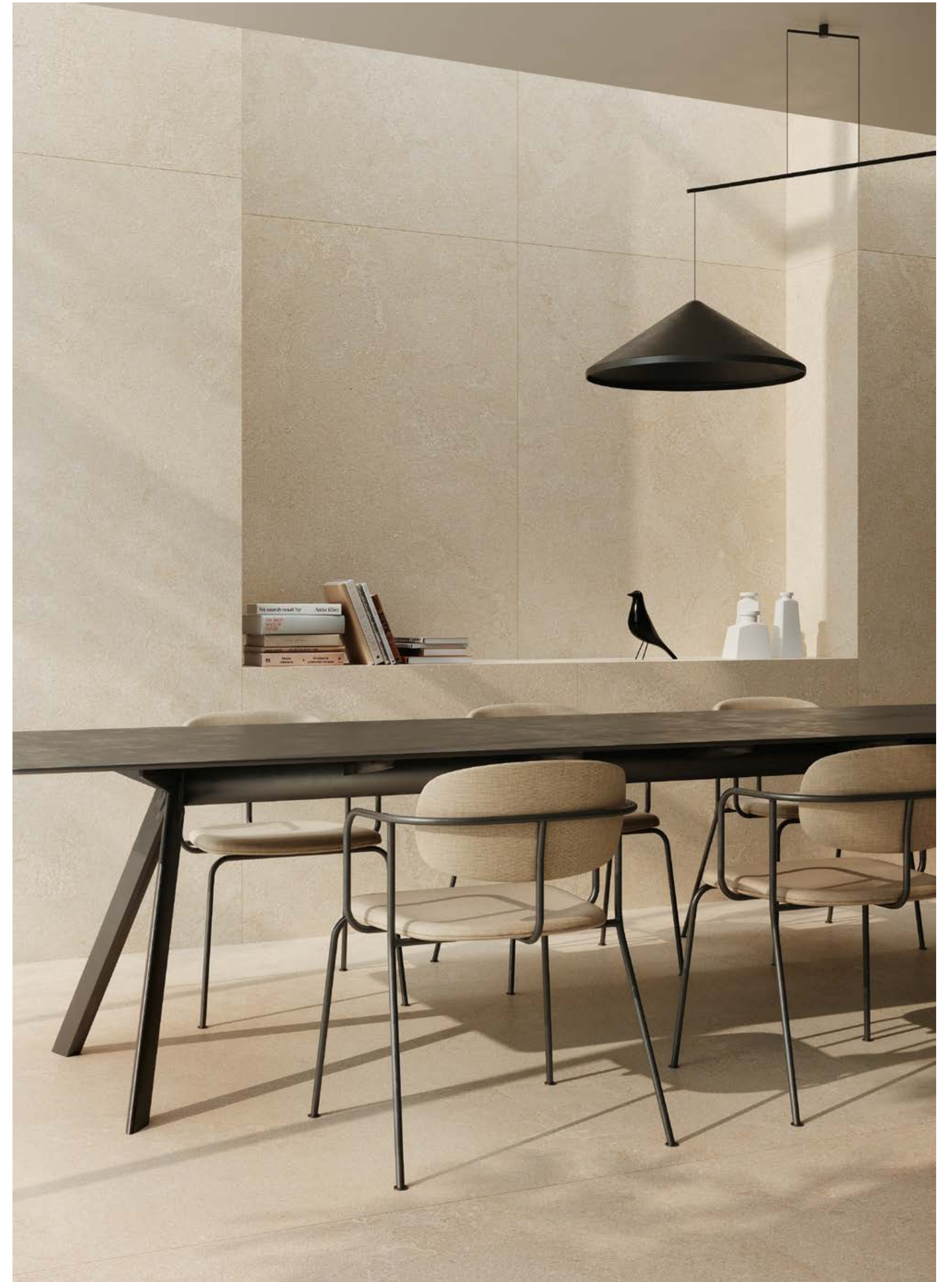




ROCCIA PORTOGHESE



Floor | Wall: Roccia Portoghese Matte Silk 120x240 cm



ROCCIA PORTOGHESE



VICENZA BEIGE



VICENZA BEIGE





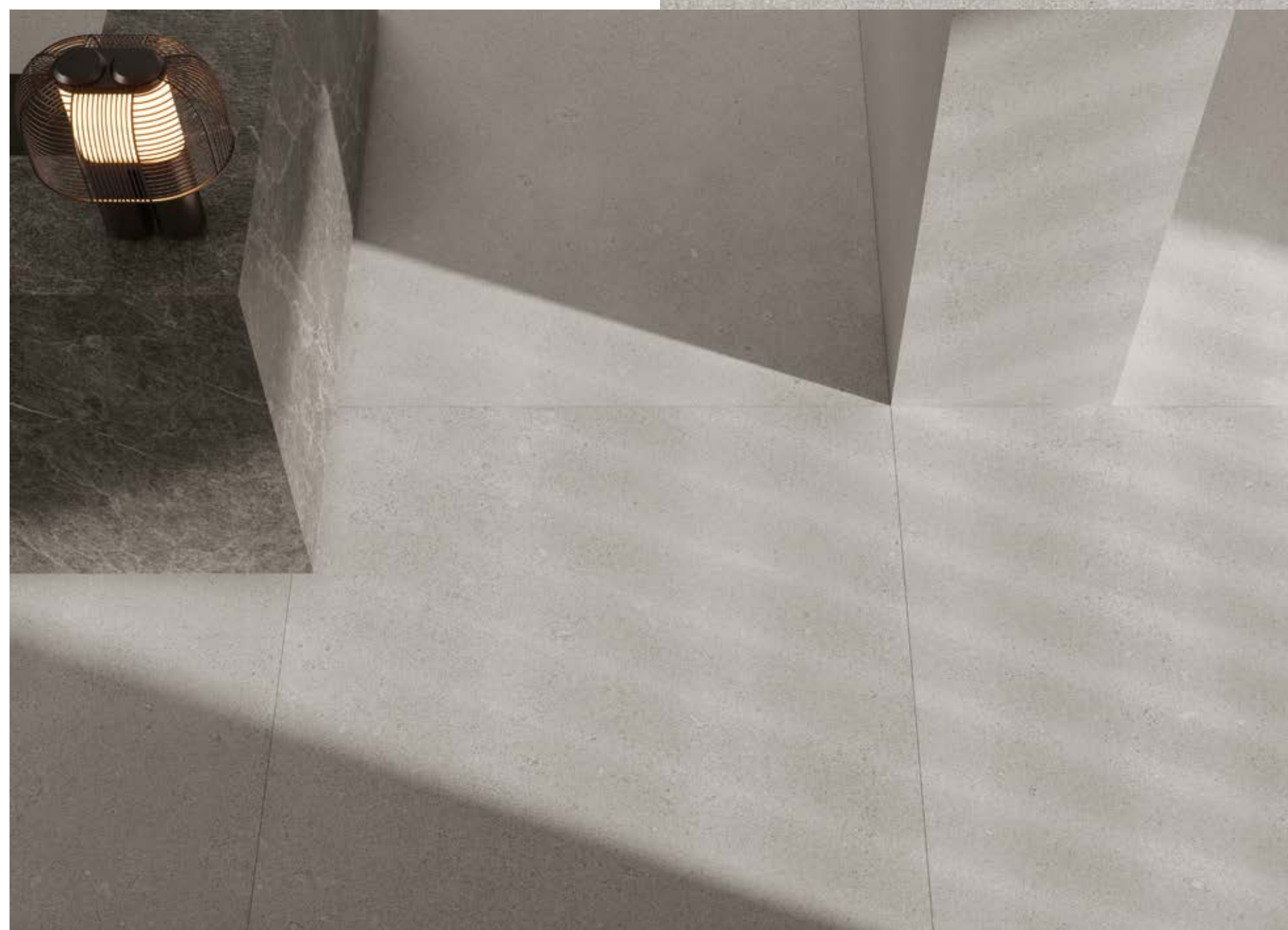
Floor: Terraelino Calce 120x120 cm
 Wall: Vicenza Beige Matte Silk 80x160 cm



VICENZA BEIGE



BASALTO GRIGIO

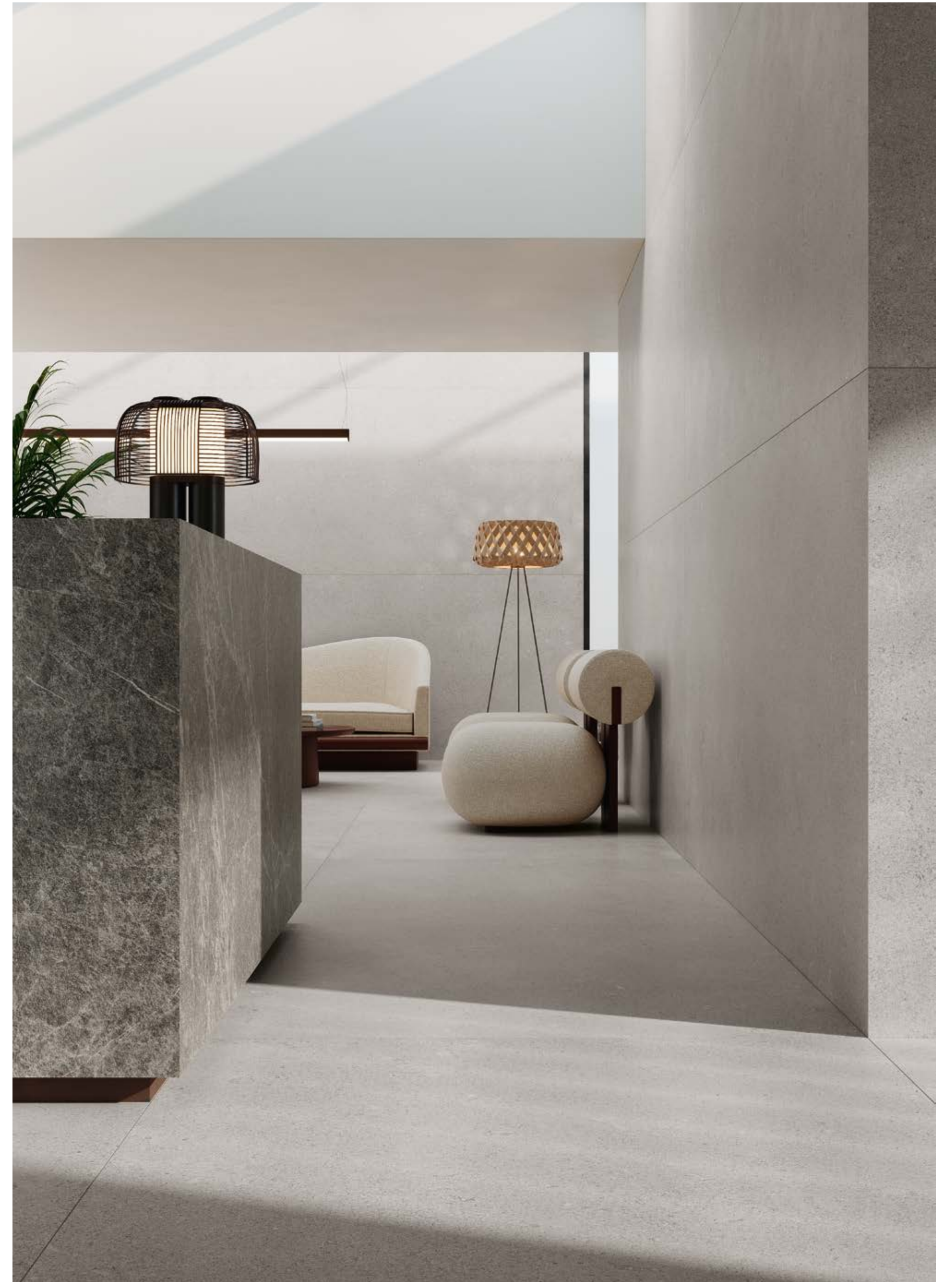




BASALTO GRIGIO



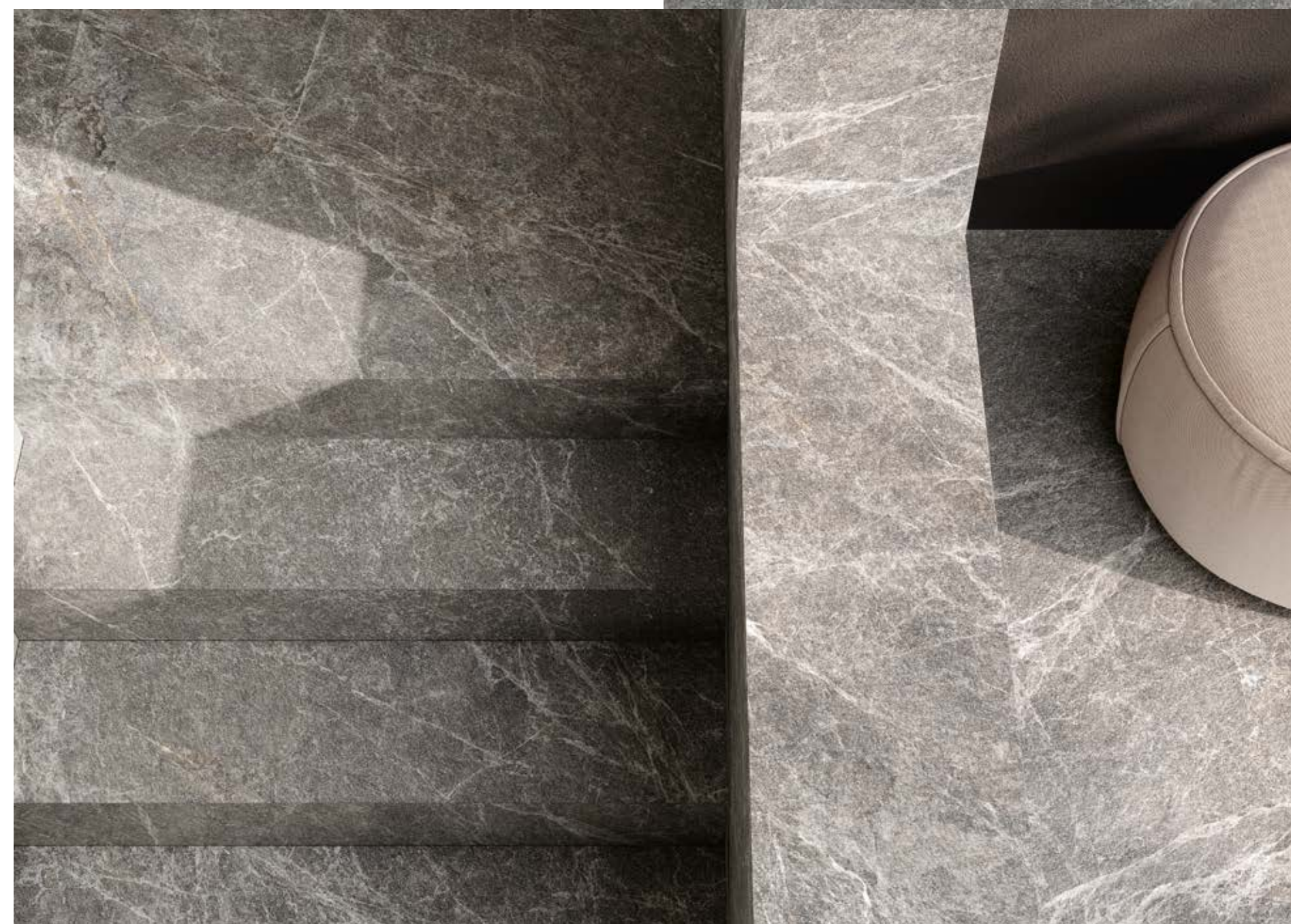
Floor: Basalto Grigio Matte Silk 120x120 cm
 Wall: Basalto Grigio Matte Silk 120x240 cm
 Reception desk: Gabbro Sfumato Matte Silk 120x240 cm



BASALTO GRIGIO



GABBRO SFUMATO



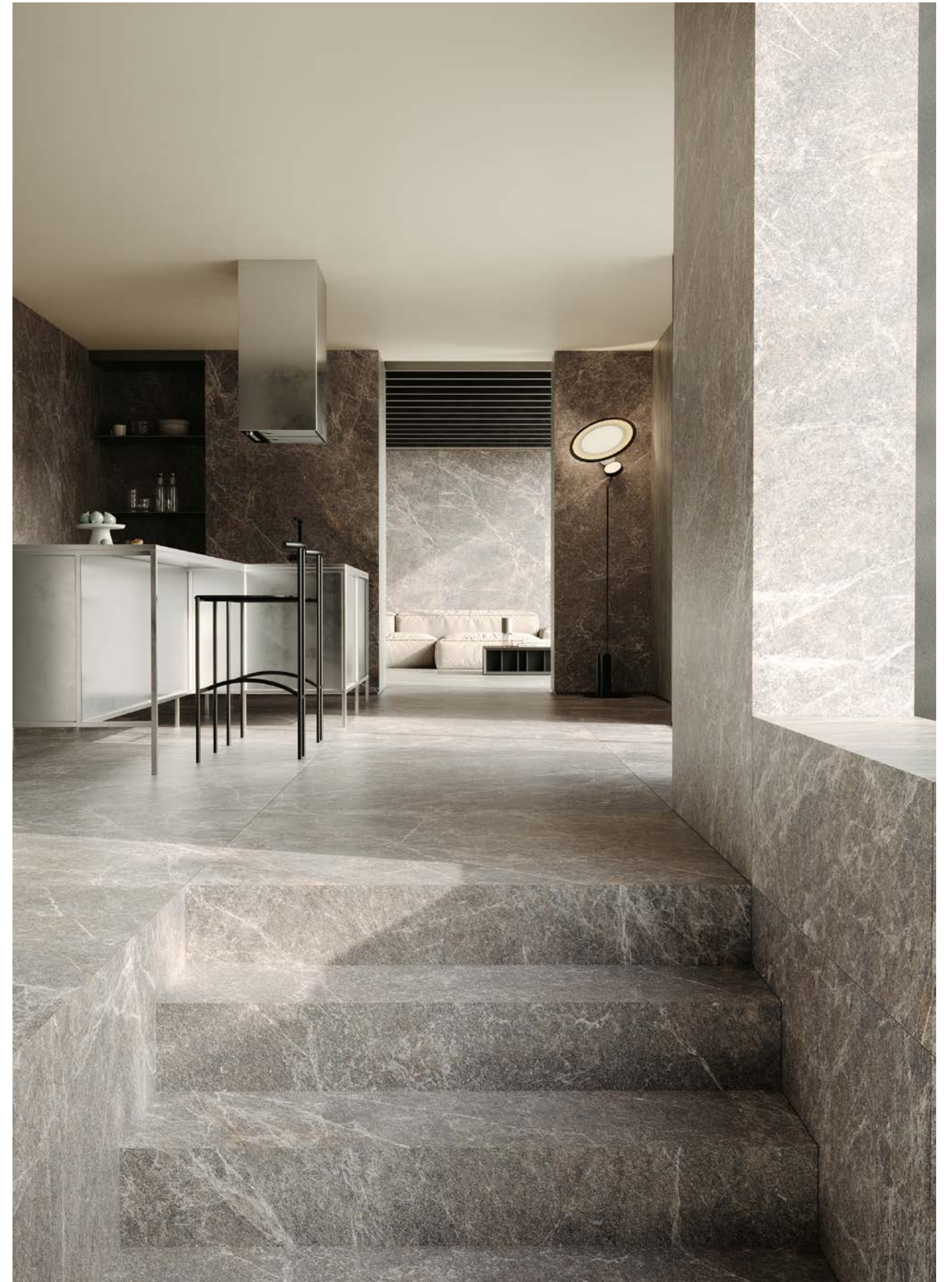


GABBRO SFUMATO



Floor: Gabbro Sfumato Matte Silk 120x120 cm
Wall: Gabbro Sfumato Matte Silk 120x240 cm

GABBRO SFUMATO





ROCCIA PORTOGHESE

VICENZA BEIGE

BASALTO GRIGIO

GABBRO SFUMATO

Full body-colored porcelain stoneware (International standard) | Vitrified stoneware (Indian standard)
Rectified | 9 mm thickness

1 FINISH

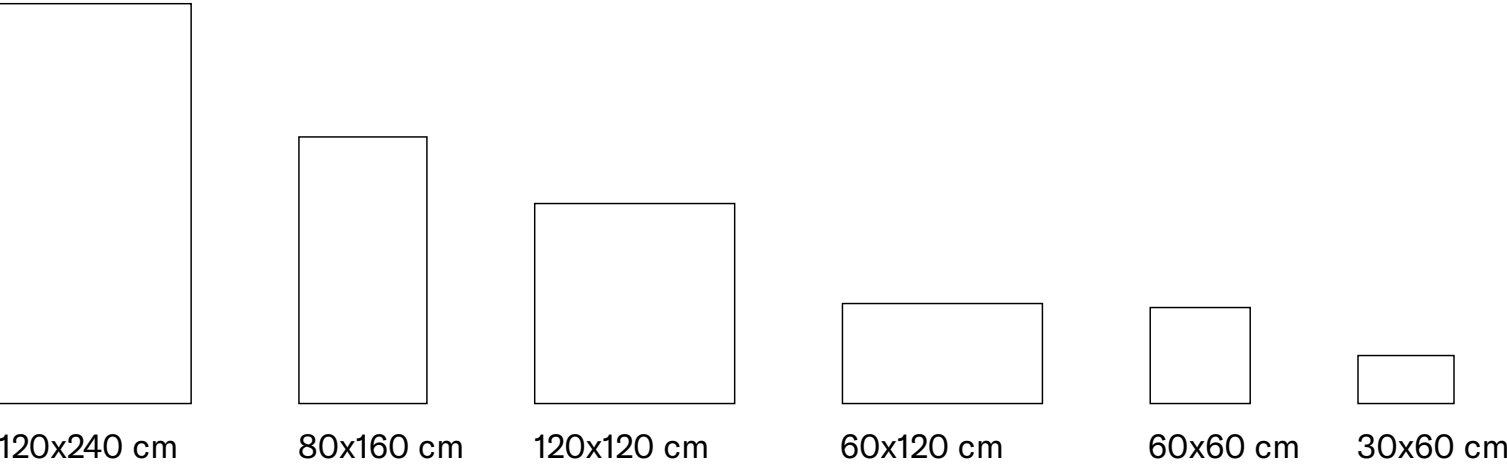


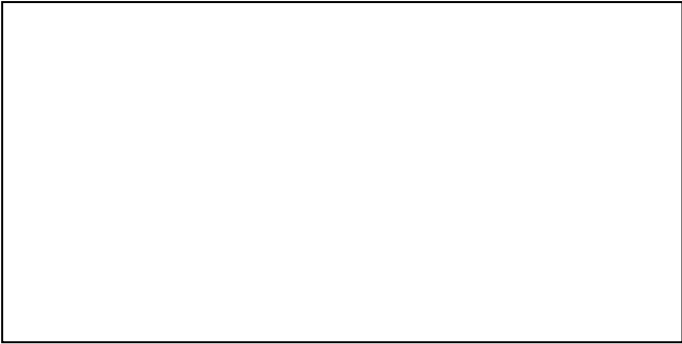
MATTE SILK

LITHIC

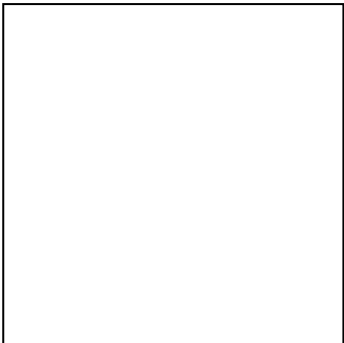
4 INSPIRATIONS


6 SIZES




SIZE	CODE	COLOR/DESIGN
 120x240 cm	F14LTCB1SR0	Roccia Portoghese
	F14LTCB0SR0	Vicenza Beige
	F14LTCG0SR0	Basalto Grigio
	F14LTCK0SR0	Gabbro Sfumato

 80x160 cm	F86LTCB1SR0	Roccia Portoghese
	F86LTCB0SR0	Vicenza Beige
	F86LTCG0SR0	Basalto Grigio
	F86LTCK0SR0	Gabbro Sfumato

 120x120 cm	F12LTCB1SR0	Roccia Portoghese
	F12LTCB0SR0	Vicenza Beige
	F12LTCG0SR0	Basalto Grigio
	F12LTCK0SR0	Gabbro Sfumato

SIZE	CODE	COLOR/DESIGN
 60x120 cm	F62LTCB1SR0	Roccia Portoghese
	F62LTCB0SR0	Vicenza Beige
	F62LTCG0SR0	Basalto Grigio
	F62LTCK0SR0	Gabbro Sfumato

 60x60 cm	F60LTCB1SR0	Roccia Portoghese
	F60LTCB0SR0	Vicenza Beige
	F60LTCG0SR0	Basalto Grigio
	F60LTCK0SR0	Gabbro Sfumato

 30x60 cm	F63LTCB1SR0	Roccia Portoghese
	F63LTCB0SR0	Vicenza Beige
	F63LTCG0SR0	Basalto Grigio
	F63LTCK0SR0	Gabbro Sfumato

TECHNICAL INFO

Driven by a sense of partnership with those who have decided to promote and sell Nexion branded products, we are also committed to help dealers and sales representatives to be successful in their business.

This catalogue has been designed to help professional sales representatives to convey the best possible understanding of the unique characteristics of Nexion's collections to the benefit of the advice they give to households, architects and developers and for the best performance of their business.

Nexion installation suggestions

Nexion recommends 2 mm joint for optimal aesthetics taking advantage of the tiles caliber in multi-sized applications.

Both cement and epoxy grout can be used; grout-design color matching advisable for optimal aesthetics.

It is not recommended to use grouting with colored pigments in contrast with the color of the tiles.

For detailed installation suggestion log on www.nexiontiles.com

TECHNICAL INFO

Nexion quality standards

ALL TESTS ARE CARRIED OUT BY ITALIAN LABORATORIES ACCREDITED ACCORDING TO ISO/IEC 17025:2017

Standards according to ISO 13006: Annex G - EN 14411: Annex G. Dry - Pressed Ceramic Tiles.

QUALITY ITEMS	TECHNICAL FEATURE	STANDARD METHOD ISO	UNIT	REQUIREMENTS ISO 13006:2018(E) E _v ≤0,5% GROUP BIa	NEXION Values			
					SIZE < 1200 mm		SIZE ≥ 1200 mm (SLABS)	
					%	mm	%	mm
DIMENSIONS AND SURFACE QUALITY	Width	ISO 10545 - 2	mm	± 0,3%	± 0,1%	± 0,8 mm	± 0,1%	± 1,0 mm
	Length	ISO 10545 - 2	mm	± 0,3%	± 0,1%	± 0,8 mm	± 0,1%	± 1,2 mm
	Thickness	ISO 10545 - 2	mm	± 5,0%	± 4,0%	± 0,5 mm	± 4,0%	± 0,5 mm
	Straightness of Side	ISO 10545 - 2	mm	± 0,3%	± 0,1%	± 0,8 mm	± 0,1%	± 1,0 mm
	Rectangularity	ISO 10545 - 2	mm	± 0,3%	± 0,1%	± 1,3 mm	± 0,1%	± 1,5 mm
	Surface Flatness	ISO 10545 - 2	mm	± 0,4%	± 0,1%	± 1,8 mm	± 0,2%	± 3,0 mm
	Surface Quality	ISO 10545 - 2	-	A minimum of 95% of the tiles are to be free from visible defects which can impair the appearance of a major area of tiles	95%			
PHYSICAL PROPERTIES	Water Absorption	ISO 10545 - 3	%	≤ 0,5%, Individual 0,6%	Avg. ≤ 0,08%, Individual 0,2%			
	Modulus of Rupture	ISO 10545 - 4	N/mm ²	Min. 35, Individual Min. 32	Min. 42			
	Breaking Strength	ISO 10545 - 4	N	Not less than 1300	Min. 1800			
	Moisture Expansion	ISO 10545 - 10	mm/m	-	0,02			
	Surface Abrasion	ISO 10545 - 7	Class	Minimum Class II Report abrasion class and cycles passed	Class IV			
	Resistance to surface abrasion of glazed tiles intended for use on floors							
	Mohs Hardness of surface	NA	-	-	7			
	Coefficient of linear thermal expansion from ambient temperature to 100 °C	ISO 10545 - 8	K ⁻¹	As declared by the Manufacturer	6x10 ⁻⁶ K ⁻¹ max			
	Thermal Shock Resistance	ISO 10545 - 9	-	As declared by the Manufacturer	No damage			
	Crazing Resistance: glazed tiles	ISO 10545 - 11	-	Required	No damage for Min. 10 Cycles			
	Bulk Density	ISO 10545 - 3	g/cc	2,2	2,2			
	Impact Resistance	ISO 10545 - 5	-	As declared by the Manufacturer	0,55			
	Frost Resistance	ISO 10545 - 12	-	As declared by the Manufacturer	No change			
	Slip Resistance	ANSI A137,1	-	As declared by the Manufacturer	DCOF > 0,51			
		DIN 51130	-		R-10			
	Small color differences	ISO 10545 - 16	-	Plain colored tiles only where required GL: ΔE < 0,75 UGL: ΔE < 1,0	No change			
CHEMICAL PROPERTIES	Resistance to staining	ISO 10545 - 14	Class	Minimum Class 3	Class 4			
	Resistance to household chemicals and swimming pool salts	ISO 10545 - 13	Class	Minimum B	Minimum A			
	Resistance to acids & alkalis	ISO 10545 - 13	Class	As declared by the Manufacturer	Minimum B			



Packaging & shipping

Packaging is a fundamental element of customer service, being aimed at allowing maximum use of space/weight available and to minimize the risk of breakages, even on bumpy roads.

Nexion’s packaging standards are based on carefully designed box and pallet packaging for the optimal load of trucks and containers.

That is very important when large tiles format are to be delivered and Nexion Logistics Department has devised a number of packaging system depending on product sizes and means of transport, including Euro-size pallets and metal A-frames.

Though shipping usually takes place under the customer’s resposnsibility, Nexion is fully committed to help clients to manage this activity in the best possible way.

Nexion’s Customer Service Department works with clients and logistic companies to arrange for shipments and to guarantee that loading and unloading procedures are properly carried out, in particular at destination.

Slabs & large size tiles



A-Frame

Standard size tiles



Standard europallet

Packaging info

Shipments to domestic markets (India)

Nominal Size cm	Thickness mm	Pcs. x box	Sq. mt x box	Weight x box (Kg)
120x240	9	1	2,87	61,00
80x160	9	2	2,55	54,00
120x120	9	2	2,87	60,00
60x120	9	2	1,43	30,00
60x60	9	4	1,43	31,00
30x60	9	6	1,07	23,00

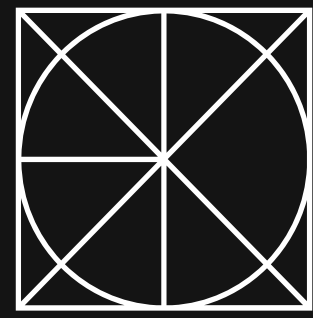
Worldwide shipments

Nominal Size cm	Thickness mm	Pcs. x box	Sq. mt x box	Weight x box (Kg)	Box x pallet	Sq. mt x pallet	Pallet weight (Kg)
120x240	9	1	2,87	61,00	37	106,30	2347,00
80x160	9	2	2,55	54,00	28	71,40	1582,00
120x120	9	2	2,87	60,00	24	68,88	1510,00
60x120	9	2	1,43	30,00	32	45,82	1003,00
60x60	9	4	1,43	31,00	34	48,69	1077,00
30x60	9	6	1,07	23,00	40	42,72	943,00

Size

Nominal Size cm	Actual Size cm
120x240	119,8x239,8
80x160	79,8x159,8
120x120	119,8x119,8
60x120	59,8x119,8
60x60	59,8x59,8
30x60	29,8x59,8

Tiles are packaged in a random manner and Company cannot guarantee the type of faces inside each package.



Nexion

www.nexiontiles.com