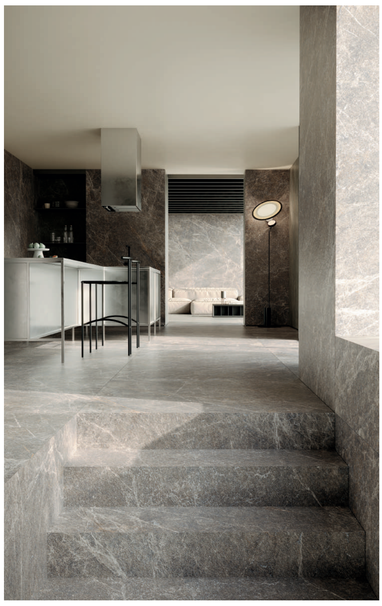
Nexion
ITALIAN STYLE THAT INSPIRES

STONE | Lithic



Nexion interprets Stone

LITHIC COLLECTION

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.

Nexion about

Nexion is a brand of Nexion International, a multinational ceramic company that is the result of a partnership between two large family groups that have always been leaders in their reference markets: Ceramiche Speranza, the best in its class Italian firm founded in 1961, that has setup the state of the art manufacturing facilities in India together with the Aghara family, one of the leading players in ceramics and sanitary ware in India since 1977.

With mastery of technology and design, we turn the best of the Italian tradition and lifestyle into contemporary ceramic surfaces that can be source of inspiration for architects and designers around the world.

Open-minded and keen to learn from customers and partners, we are committed to deliver the best quality and service and we believe that our work ends when our clients fulfill their desires and achieve their goals.

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

4 Inspirations
Interpret the shades of natural stones.

6 Sizes
to exploit all architectural and creative potential.

120x240 cm | 80x160 cm | 120x120 cm
60x120 cm | 60x60 cm | 30x60 cm

Roccia Portoghese 120x240 cm
F14LTCB1SRO Matte Silk

Vicenza Beige 120x240 cm
F14LTCB0SRO Matte Silk

Basalto Grigio 120x240 cm
F14LTCG0SRO Matte Silk

Gabbro Sfumato 120x240 cm
F14LTCK0SRO Matte Silk

Roccia Portoghese 80x160 cm
F86LTCB1SRO Matte Silk

Vicenza Beige 80x160 cm
F86LTCB0SRO Matte Silk

Basalto Grigio 80x160 cm
F86LTCG0SRO Matte Silk

Gabbro Sfumato 80x160 cm
F86LTCK0SRO Matte Silk

Roccia Portoghese 120x120 cm
F12LTCB1SRO Matte Silk

Vicenza Beige 120x120 cm
F12LTCB0SRO Matte Silk

Basalto Grigio 120x120 cm
F12LTCG0SRO Matte Silk

Gabbro Sfumato 120x120 cm
F12LTCK0SRO Matte Silk

Roccia Portoghese 60x120 cm
F62LTCB1SRO Matte Silk

Vicenza Beige 60x120 cm
F62LTCB0SRO Matte Silk

Basalto Grigio 60x120 cm
F62LTCG0SRO Matte Silk

Gabbro Sfumato 60x120 cm
F62LTCK0SRO Matte Silk

Roccia Portoghese 60x60 cm
F60LTCB1SRO Matte Silk

Vicenza Beige 60x60 cm
F60LTCB0SRO Matte Silk

Basalto Grigio 60x60 cm
F60LTCG0SRO Matte Silk

Gabbro Sfumato 60x60 cm
F60LTCK0SRO Matte Silk

Roccia Portoghese 30x60 cm
F63LTCB1SRO Matte Silk

Vicenza Beige 30x60 cm
F63LTCB0SRO Matte Silk

Basalto Grigio 30x60 cm
F63LTCG0SRO Matte Silk

Gabbro Sfumato 30x60 cm
F63LTCK0SRO Matte Silk

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 guidelines log on www.nexiontiles.com

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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/mm²	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 Resistance to surface abrasion of glazed tiles intended for use on floors	ISO 10545 - 7	Class	Minimum Class II Report abrasion class and cycles passed	Class IV			
	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 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

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

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