

# Nexion interprets Marble

## KAIR COLLECTION

Kair collection evokes the beauty of the prestigious marbles excavated in the mountains surrounding Carrara, Kair in the ancient times, town capital of Italian marble since the Roman Empire. Rich materials that, thanks to simple and classical elegance, wrote important pages in the history of classic and modern architecture.

Nexion selected four of the finest marbles and created four slabs of contemporary designs and colours, ranging from the timeless elegance of black and white, to the warm and enveloping shades of brown and beige. With craftsmanship and passion for details, Nexion has given to Kair two suggestive surfaces, the super-reflective full lappato and the sober lappato matt.

The result is a collection who speaks of timeless elegance, preciousness and a classical taste in a contemporary aesthetic language. A collection that brings the best of the inspiring Italian design to any type of ambience and location.

## Nexion about

Nexion is a brand of Nexion Surfaces, 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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MARBLE | Kair



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

**4 Inspirations**  
elegant and timeless tones  
taking the richness of marble.



Calacatta 80x160 cm  
F86KASAOYRO Lappato Matt  
F86KASAOYLO Full Lappato



Crema Europa 80x160 cm  
F86KASBOYRO Lappato Matt  
F86KASBOLRO Full Lappato



Frappuccino 80x160 cm  
F86KASFOYRO Lappato Matt  
F86KASFOLRO Full Lappato



Port Lorent 80x160 cm  
F86KASKOYRO Lappato Matt  
F86KASKOLRO Full Lappato

**4 Sizes**  
to exploit all architectural  
and creative potential.

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



Calacatta 120x240 cm  
F14KARAOYRO Lappato Matt  
F14KARAOYLO Full Lappato



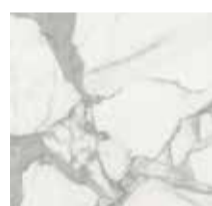
Crema Europa 120x240 cm  
F14KARBOYRO Lappato Matt  
F14KARBOLRO Full Lappato



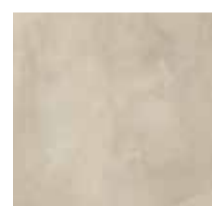
Frappuccino 120x240 cm  
F14KARFOYRO Lappato Matt  
F14KARFOLRO Full Lappato



Port Lorent 120x240 cm  
F14KARKOYRO Lappato Matt  
F14KARKOLRO Full Lappato



Calacatta 120x120 cm  
F12KASAOYRO Lappato Matt  
F12KASAOYLO Full Lappato



Crema Europa 120x120 cm  
F12KASBOYRO Lappato Matt  
F12KASBOLRO Full Lappato



Frappuccino 120x120 cm  
F12KASFOYRO Lappato Matt  
F12KASFOLRO Full Lappato



Port Lorent 120x120 cm  
F12KASKOYRO Lappato Matt  
F12KASKOLRO Full Lappato



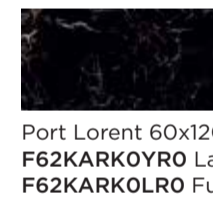
Calacatta 60x120 cm  
F62KARAOYRO Lappato Matt  
F62KARAOYLO Full Lappato



Crema Europa 60x120 cm  
F62KARBOYRO Lappato Matt  
F62KARBOLRO Full Lappato



Frappuccino 60x120 cm  
F62KARFOYRO Lappato Matt  
F62KARFOLRO Full Lappato



Port Lorent 60x120 cm  
F62KARKOYRO Lappato Matt  
F62KARKOLRO Full Lappato

### 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](http://www.nexiontiles.com)

### 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. <0.5% GROUP B1a	NEXION Values	
					SIZE < 1200 mm	SIZE > 1200 mm (SLABS)
DIMENSIONS AND SURFACE QUALITY	Width	ISO 10545 - 2	mm	± 0.3%	+ 0,1% ± 0,8 mm	+ 0,1% ± 1 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% ± 0,5 mm	+ 4% ± 0,5 mm
	Straightness of Side	ISO 10545 - 2	mm	± 0.3%	+ 0,1% ± 0,8 mm	+ 0,1% ± 1 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 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 <sup>2</sup>	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 III (> 750 Cycles)	
Resistance to surface abrasion of glazed tiles intended for use on floors						
Mohs Hardness of surface		NA	-	-	4	
Coefficient of linear thermal expansion from ambient temperature to 100 °C		ISO 10545 - 8	K <sup>1</sup>	As declared by the Manufacturer	6x10 <sup>-6</sup> K <sup>1</sup> 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		
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

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

### 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

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



