



Nexion
ITALIAN STYLE THAT INSPIRES

Kair Marble



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Nexion interprets Marble

KAIR COLLECTION

Kair collection evoke the beauty of the prestigious marbles excavated in the mountains that surround Carrara, Kair in the ancient times, town capital of Italian marble since the Roman Empire. Rich materials that, thanks to a 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 aesthetical language. A collection that brings the best of the inspiring Italian design to any type of ambiance and location.

Nexion about

Nexion is a joint venture company created by Ceramiche Speranza, a best-in-class Italian firm founded in 1961, and Simpolo, since 1977 one of the leading Italian producers of ceramics and sanitary ware.

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.



Coloured body porcelain stoneware | Rectified | 9 mm thickness

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Inspirations

elegant and timeless tones
taking the richness of marble

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Sizes

sizes to exploit all the
creative potential

120x240 cm | 80x240 cm | 80x160 cm
120x120 cm | 60x120 cm | 80x80 cm

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 coloured pigments in contrast with the colour of the tiles.



Calacatta 80x80 cm
F80KARA0YRO Lappato Matt
F80KARA0LRO Full Lappato



Crema Europa 80x80 cm
F80KARBOYRO Lappato Matt
F80KARBOLRO Full Lappato



Frappuccino 80x80 cm
F80KARFOYRO Lappato Matt
F80KARFOLRO Full Lappato



Port Lorent 80x80 cm
F80KARKOYRO Lappato Matt
F80KARKOLRO Full Lappato



Calacatta 80x160 cm
F86KARA0YRO Lappato Matt
F86KARA0LRO Full Lappato



Crema Europa 80x160 cm
F86KARBOYRO Lappato Matt
F86KARBOLRO Full Lappato



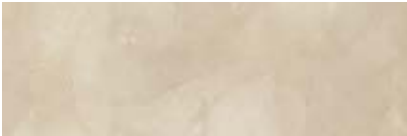
Frappuccino 80x160 cm
F86KARFOYRO Lappato Matt
F86KARFOLRO Full Lappato



Port Lorent 80x160 cm
F86KARKOYRO Lappato Matt
F86KARKOLRO Full Lappato



Calacatta 80x240 cm
F84KARA0YRO Lappato Matt
F84KARA0LRO Full Lappato



Crema Europa 80x240 cm
F84KARBOYRO Lappato Matt
F84KARBOLRO Full Lappato



Frappuccino 80x240 cm
F84KARFOYRO Lappato Matt
F84KARFOLRO Full Lappato



Port Lorent 80x240 cm
F84KARKOYRO Lappato Matt
F84KARKOLRO Full Lappato



Calacatta 120x240 cm
F14KARA0YRO Lappato Matt
F14KARA0LRO 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
F12KARA0YRO Lappato Matt
F12KARA0LRO Full Lappato



Crema Europa 120x120 cm
F12KARBOYRO Lappato Matt
F12KARBOLRO Full Lappato



Frappuccino 120x120 cm
F12KARFOYRO Lappato Matt
F12KARFOLRO Full Lappato



Port Lorent 120x120 cm
F12KARKOYRO Lappato Matt
F12KARKOLRO Full Lappato



Calacatta 60x120 cm
F62KARA0YRO Lappato Matt
F62KARA0LRO 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



DECORS



Calacatta Decor 30x120 cm
F32KARA0NR1



Crema Europa Decor 30x120 cm
F32KARBONR1



Frappuccino Decor 30x120 cm
F32KARFONR1



Port Lorent Decor 30x120 cm
F32KARKONR1

Nexion quality standards

ALL TESTS ARE CARRIED OUT BY ITALIAN LABORATORIES ACCREDITED ACCORDING TO ISO/IEC 17025:2005

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

QUALITY ITEMS	TECHNICAL FEATURE	STANDARD METHOD ISO	REQUIREMENTS		NEXION Values			
					Side < 1200 mm		Side ≥ 1200 mm	
DIMENSIONS AND SURFACE QUALITY	LENGH AND WIDTH	UNI EN ISO 10545-2	%	mm	%	mm	%	mm
			±0,6%	±2,0	±0,2%	±2,0	±0,1%	±1,5
	THICKNESS		±5%	±0,5	±5%	±0,5	±4%	±0,36
	STRAIGHTNESS OF SIDES		±0,5%	±1,5	±0,2%	±1,5	±0,1%	±1,5
	RECTANGULARITY		±0,5%	±2,0	±0,33%	±1,5	±0,1%	±1,5
	FLATNESS		±0,5%	±2,0	±0,26%	±1,5	±0,2%	±1,5
	SURFACE QUALITY		A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles.		Compliant			
PHISICAL PROPERTIES	WATER ABSORPTION	UNI EN ISO 10545-3	E _b ≤ 0,5% Individual maximum : 0,6% (absorbed water mass)		E _b ≤ 0,2% (absorbed water mass)			
	BREAKING STRENGTH	UNI EN ISO 10545-4	Min 1300 N		≥ 2000 N			
	MODULUS OF RUPTURE		R ≥ 35 N/mm² minimum 32 Not applicable to tiles with breaking strength ≥ 3000 N		R ≥ 45 N/mm² minimum 40 Not applicable to tiles with breaking strength ≥ 3000 N			
	FROST RESISTANCE	UNI EN ISO 10545-12	Required		Compliant			
	SCRATCH HARDNESS (Mohs scale)	EN 101	Declared by the producer		Min 6			
	SURFACE ABRASION	UNI EN ISO 10545-7	0 (100 cycles) 1 (150 cycles) 2 (600 cycles) 3 (1500 cycles) 4 (6000 cycles) 5 (> 12000 cycles)		3-5 Depending on colours			
	COEFFICIENT OF LINEAR THERMAL EXPANSION FROM AMBIENT TEMPERATURE TO 100° C (K ⁻¹)	ISO 10545-8	Required		6 x 10 ⁻⁶ K ⁻¹ max			
	CRAZING RESISTANCE	ISO 10545-11	Required		Compliant			
	RESISTANCE TO THERMAL SHOCK	ISO 10545-9	10 Cycles Min		Compliant			
	IMPACT RESISTANCE	ISO 10545-5	Declared by the producer		Min 0,55			
	BULK DENSITY	DIN 51082	Declared by the producer		2,2 g/cc Min			
CHEMICAL PROPERTIES	RESISTANCE TO STAINING	UNI EN ISO 10545-14	Minimum Class 3		5			
	RESISTANCE TO HOUSEHOLD CHEMICALS AND SWIMMING POOL SALTS	UNI EN ISO 10545-13	Minimum GB		GA (No visible effect)			
	RESISTANCE TO HIGH AND LOW CONCENTRATIONS OF ACIDS AND ALKALIS		To be reported		GLA - GHA (No visible effect)			

Packaging info

Shipments to domestic markets (India)

Nominal	Thickness mm	Pcs. x box	Sq. mt x box	Weight x box (Kg)	Box x pallet	Sq. Mts x pallet	Pallet weight
120x240	9	1	2,87	60,33	16	45,92	965,28
80x240	9	1	1,91	40,00	24	45,94	960,00
80x160	9	1	1,28	26,78	35	44,63	937,30
120x120	9	1	1,44	30,14	21	30,24	632,94
60x120	9	2	1,43	30,00	34	48,72	1020,00
80x80	9	2	1,27	26,75	40	50,08	1070,00
30x120	9	4	1,43	30,00	40	57,20	1200,00

Worldwide shipments

Nominal	Thickness mm	Pcs. x box	Sq. mt x box	Weight x box (Kg)	Box x pallet	Sq. Mts x pallet	Pallet weight
120x240	9	1	2,87	60,33	15	43,05	904,95
80x240	9	1	1,91	40,00	15	28,71	600,00
80x160	9	1	1,28	26,78	35	44,63	937,30
120x120	9	1	1,44	30,14	21	30,24	632,94
60x120	9	2	1,43	30,00	34	48,72	1020,00
80x80	9	2	1,27	26,75	40	50,08	1070,00
30x120	9	4	1,43	30,00	40	57,20	1200,00

Size

Nominal Size cm	Actual Size cm
120x240	119,8x239,8
80x240	79,8x239,8
80x160	79,8x159,8
120x120	119,8x119,8
60x120	59,8x119,8
80x80	79,8x79,8
30x120	29,8x119,8





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Nexion International Pvt. Ltd.
1102, Shapath V,
S.G. Road,
Ahmedabad 380 015
Gujarat, India
Email: info@nexion.in
www.nexion.in