

Nexion interprets Concrete

AMBIENT COLLECTION

The Ambient collection offers a new ceramic interpretation of cement, a cornerstone of modern and contemporary architecture, a mix of engineering strength with expressive essentiality.

Our endless in-dept materials R&D, technical capability and craftsmanship has led to a new collection that reinterprets its original source in a minimalist way, mixing superior performance with aesthetic appeal.

The result are surfaces with excellent performance that, seen from distance, gives the impression of being solid color with a slight ripple while, looking closer, they are distinguished by a slight grit perceived by our hand.

A proposal originally designed for the most demanding architects, looking for the best of contemporary Italian inspirational design in every type of setting 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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CONCRETE | Ambient



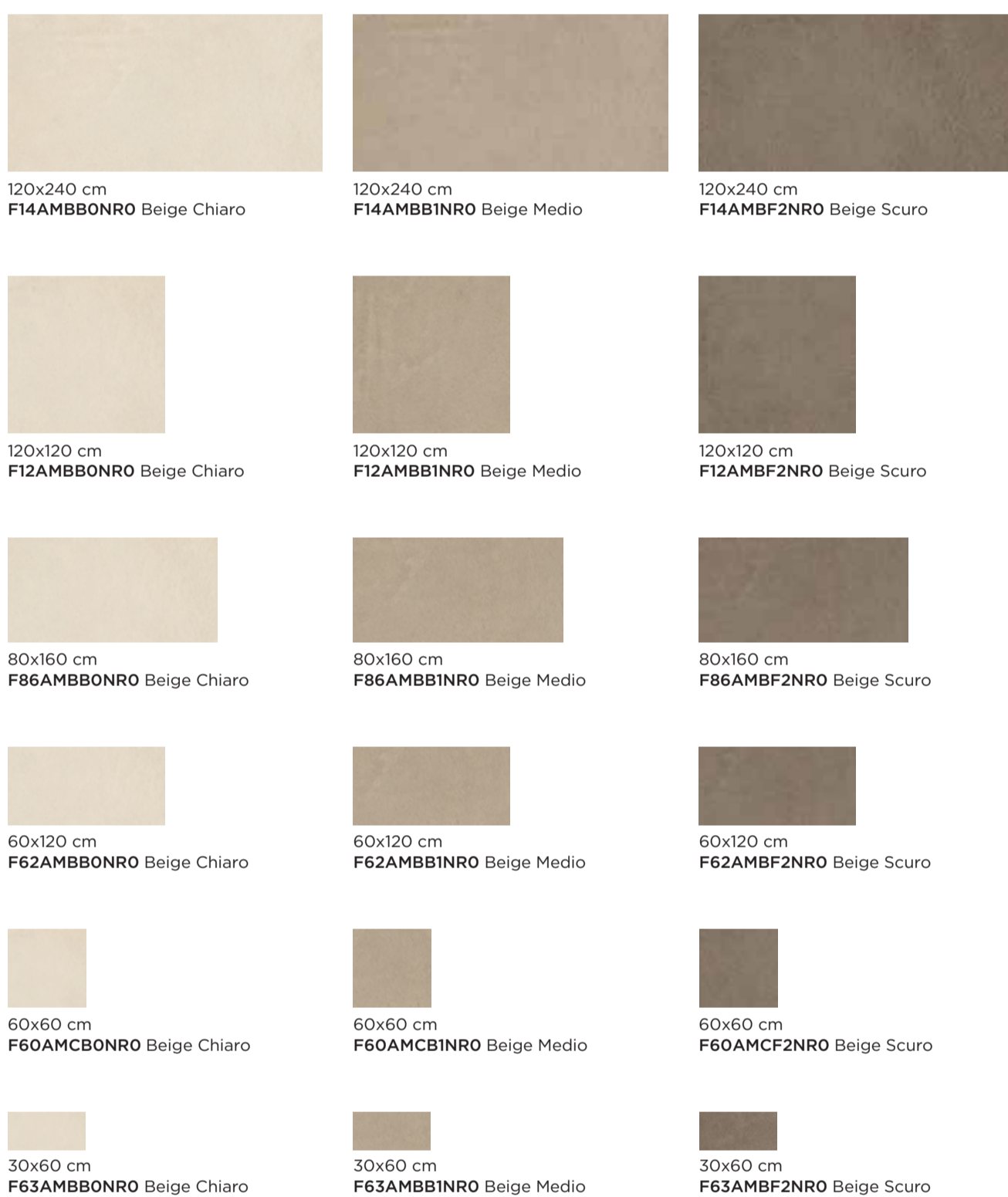
6 Inspirations

colors, tones and shapes giving varieties to concrete.

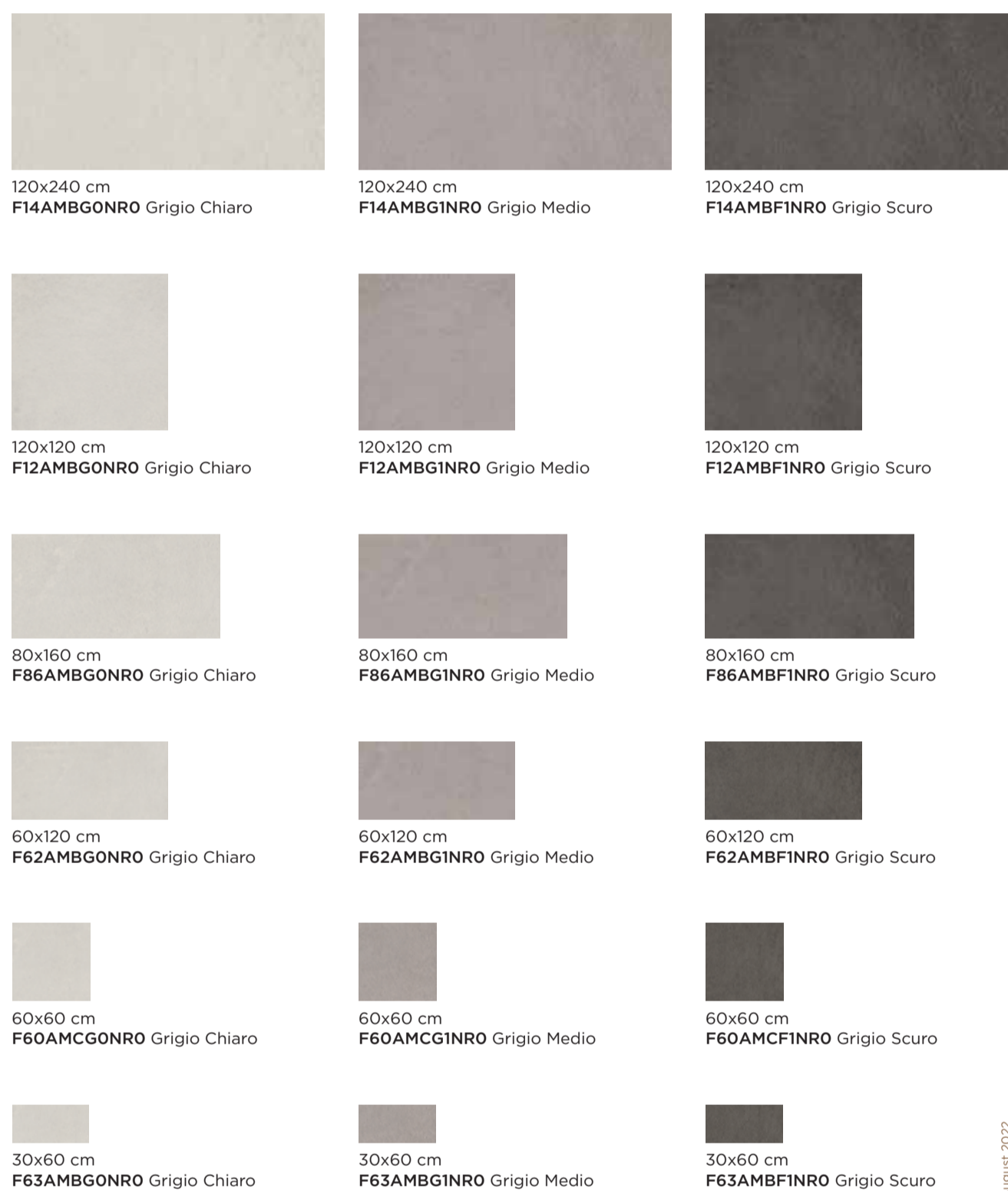
6 Sizes

sizes to create an "ambient" surface.

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



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



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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 ₁ -0,5% GROUP Bla	NEXION Values			
					SIZE < 1200 mm (SLABS)	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%	-
	Water Absorption	ISO 10545 - 3	%	≤ 0,5% Individual 0,6%	-	-	Avg. ≤ 0,08% Individual 0,2%	-
PHYSICAL PROPERTIES	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 (> 2100 Cycles)	-
	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 (> 2100 Cycles)	-
	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 A1371 DIN 51130	-	As declared by the Manufacturer	-	-	DCOF > 0,51 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
120x120	9	2	2,87	60,00
80x160	9	2	2,55	54,00
60x120	9	2	1,43	30,00
60x60	9	4	1,43	31,00
30x60	9	6	1,07	23,00

Size

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

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
120x120	9	2	2,87	60,00	24	68,88	1510,00
80x160	9	2	2,55	54,00	28	71,40	1582,00
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.

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



