

CONCRETE | Endless



Nexion interprets Concrete

ENDLESS COLLECTION

Endless collection inherits the expressive power of concrete, a material who wrote important pages in the history of architecture and plays a fundamental role in modern design thanks to the capability to radiate a strong tactile energy to every context surrounding it.

Seduced by the architectonic and stylistic potential of concrete, Nexion examined to the smallest the remarkable artifacts made by Italian craftsmen, characterized by the intense touch and feel of this matter. In its design lab, Nexion worked to give to large size slabs the delicate variations of tones that we find in the small, renown Italian cementine, creating the soft effect of an "endless" surface.

The result is a ceramic collection made unique by the shade variations, sharp patterns and a high tactile vocation, which transmits a timeless and contemporary personality to the surrounding space. A collection that brings the best of the inspiring Italian contemporary 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.

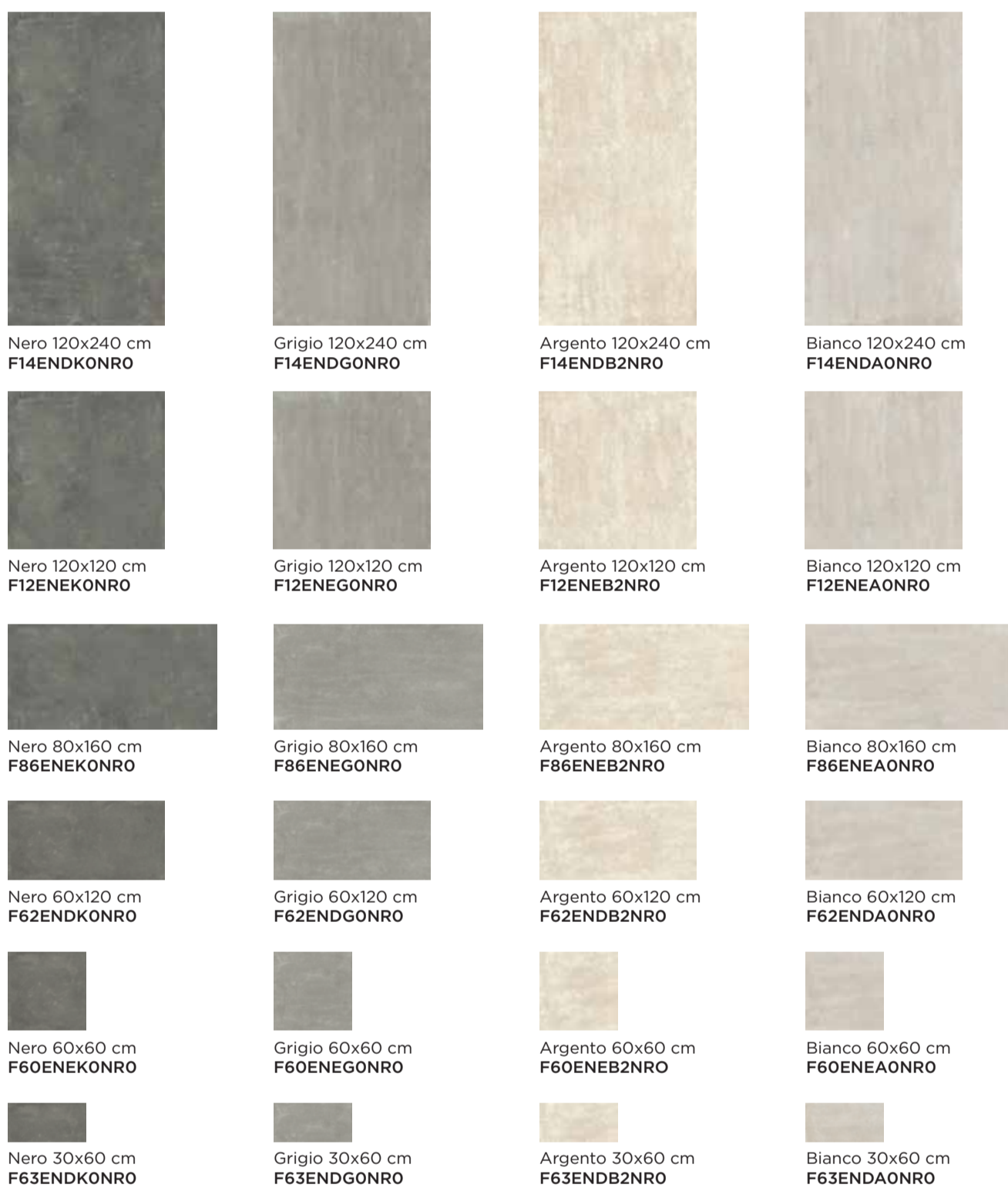
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7 Inspirations
colors, tones and shapes
giving varieties to concrete

6 Sizes
sizes to create
an "endless" 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



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 BIa	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 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 -I Report abrasion class and cycles passed	Class IV (> 2100 Cycles)			
	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'	As declared by the Manufacturer	6x10 ⁻⁶ K' 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	-	As declared by the Manufacturer	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

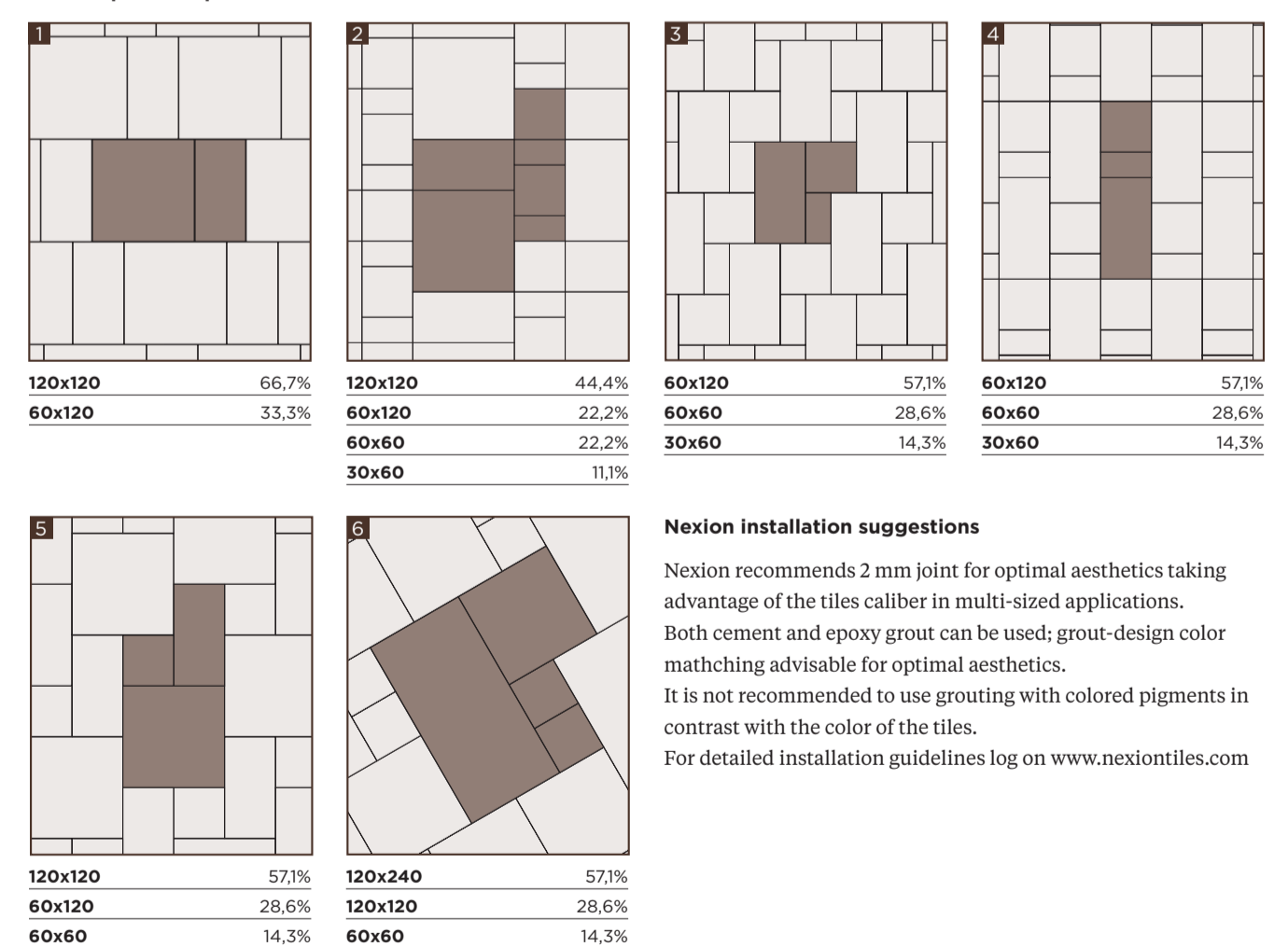
Nominal Size cm	Actual Size cm
120x240	119,8x239,8
120x120	119,8x119,8
80x160	79,8x159,8
60x120	59,8x119,8
60x60	59,8x59,8
30x60	29,8x59,8

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 (Kg)	Pallet weight (Kg)
120x240	9	1	2,87	61,00	37	105,30	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.

Surface pattern options



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



