

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, renowned 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 ambiances and locations.

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 Indian 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.

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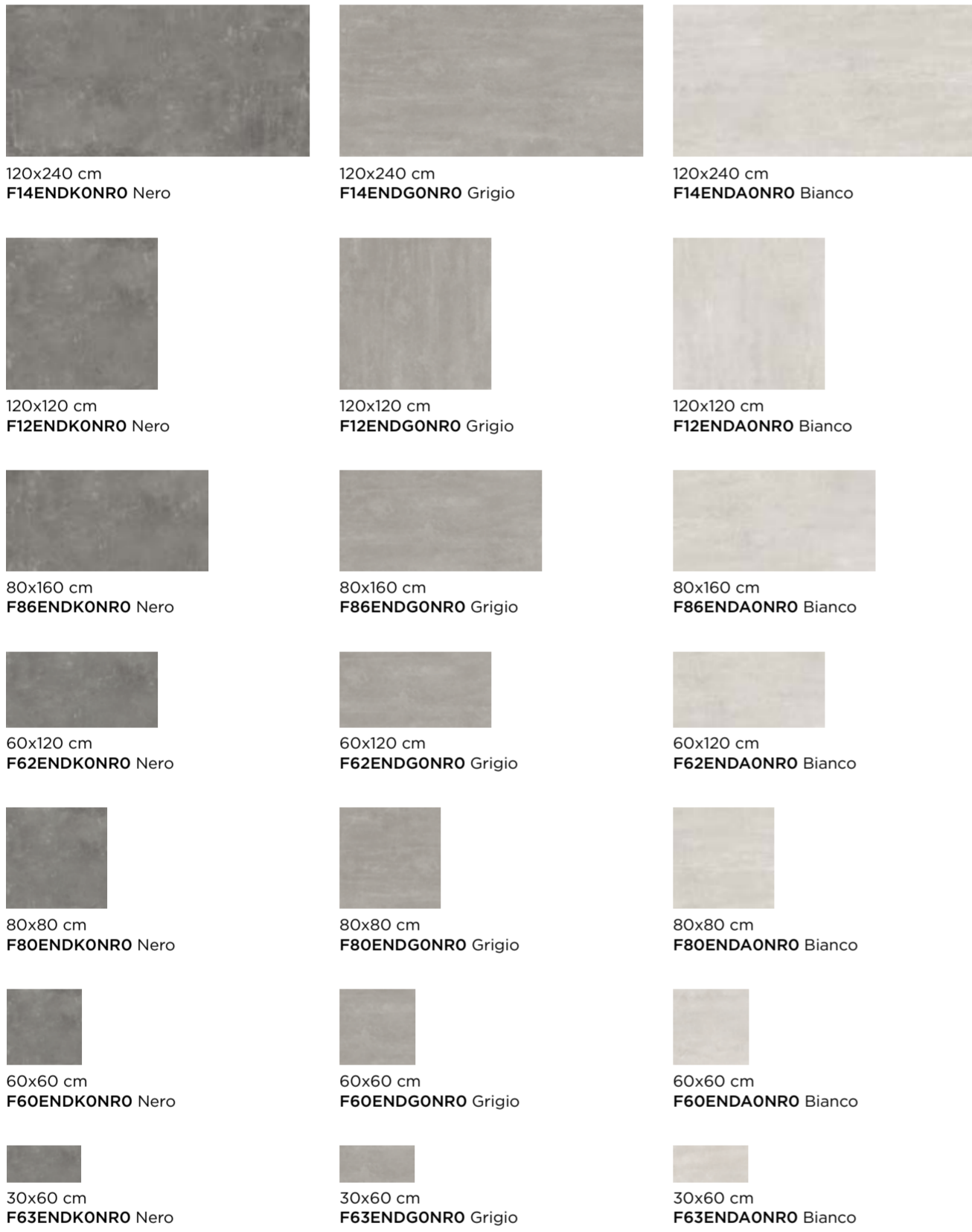


Endless

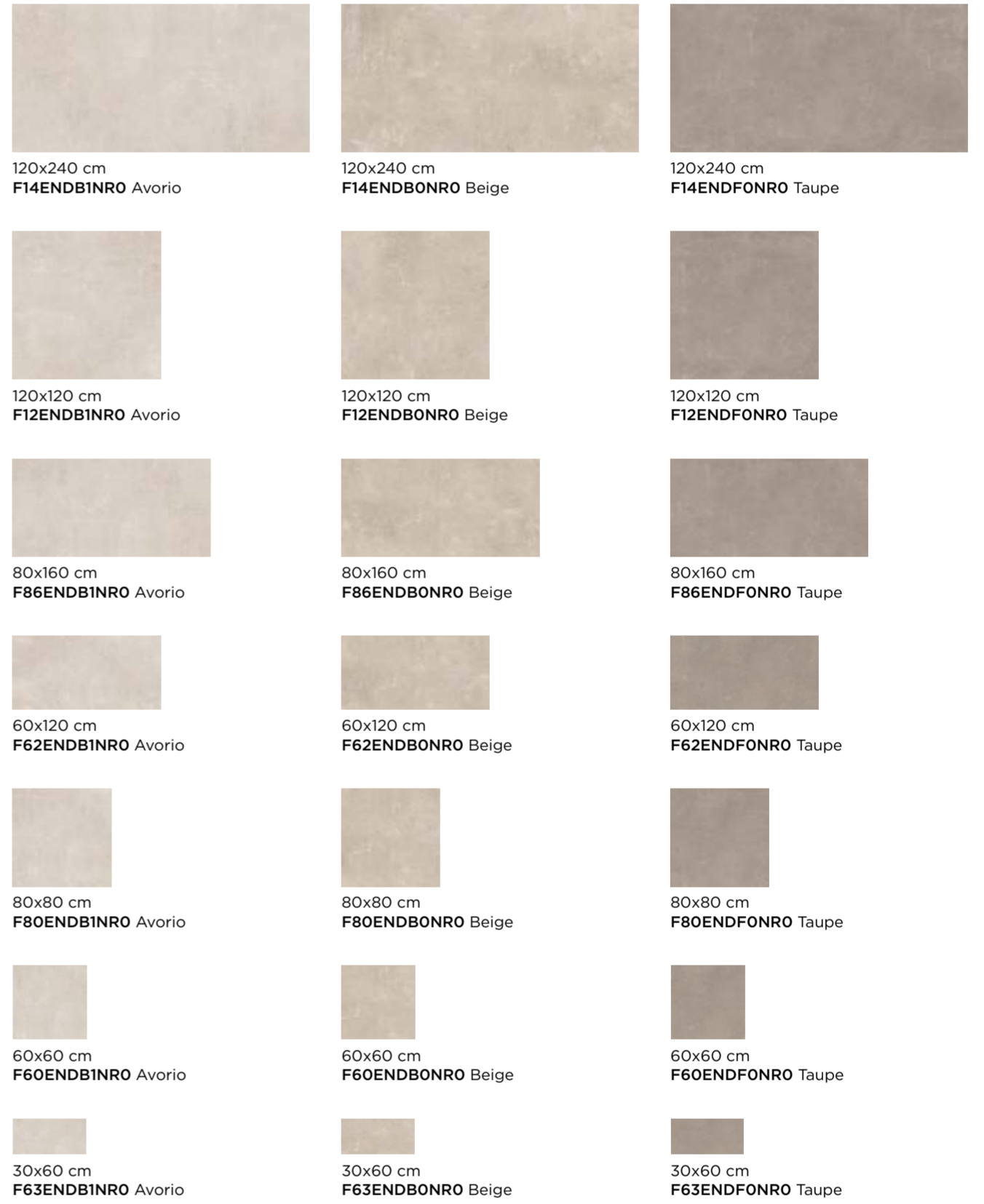
6 Inspirations
colours, tones and shapes
giving varieties to concrete

7 Sizes
sizes to create
an "endless" surface

120x240 cm | 120x120 cm | 80x160 cm | 60x120 cm | 80x80 cm | 60x60 cm | 30x60 cm



Full body-coloured porcelain stoneware | Rectified | 9 mm thickness



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			
			%	mm	%	mm	%	mm
DIMENSIONS AND SURFACE QUALITY	LENGTH AND WIDTH	UNI EN ISO 10545-2	±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	
PHYSICAL PROPERTIES	WATER ABSORPTION	UNI EN ISO 10545-3	Es ≤ 0,5% Individual maximum : 0,6% (absorbed water mass)		Es ≤ 0,2% (absorbed water mass)			
	BREAKING STRENGTH		Min 1300 N		≥ 2000 N			
	MODULUS OF RUPTURE	UNI EN ISO 10545-4	R ≥ 35 N/mm ² minimum 32 Not applicable to tiles with breaking strength ≥ 3000 N		R ≥ 45 N/mm ² 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	Min 6		Compliant			
	SURFACE ABRASION	UNI EN ISO 10545-7	0 (100 cycles) 1 (150 cycles) 2 (200 cycles) 3 (1500 cycles) 4 (8000 cycles) 5 (> 12000 cycles)		5 (Maximum level)			
	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	Min 0,55		Compliant			
CHEMICAL PROPERTIES	BULK DENSITY	DIN 51082	2,2 g/cc Min		Compliant			
	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 UB		GA (No visible effect)			
	RESISTANCE TO HIGH AND LOW CONCENTRATIONS OF ACIDS AND ALKALIS		To be reported		GLA - GHA (No visible effect)			
SLIP RESISTANCE		DIN 51130			R10			
		DIN 51097			B (A+B)			

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
120x120	9	1	1,44	30,14	21	30,24	632,94
80x160	9	1	1,28	26,78	35	44,63	937,30
60x120	9	2	1,43	30,00	34	48,72	1020,00
80x80	9	2	1,27	26,75	40	50,08	1070,00
60x60	9	3	1,07	22,53	40	42,92	901,20
30x60	9	6	1,07	22,45	40	42,80	898,00

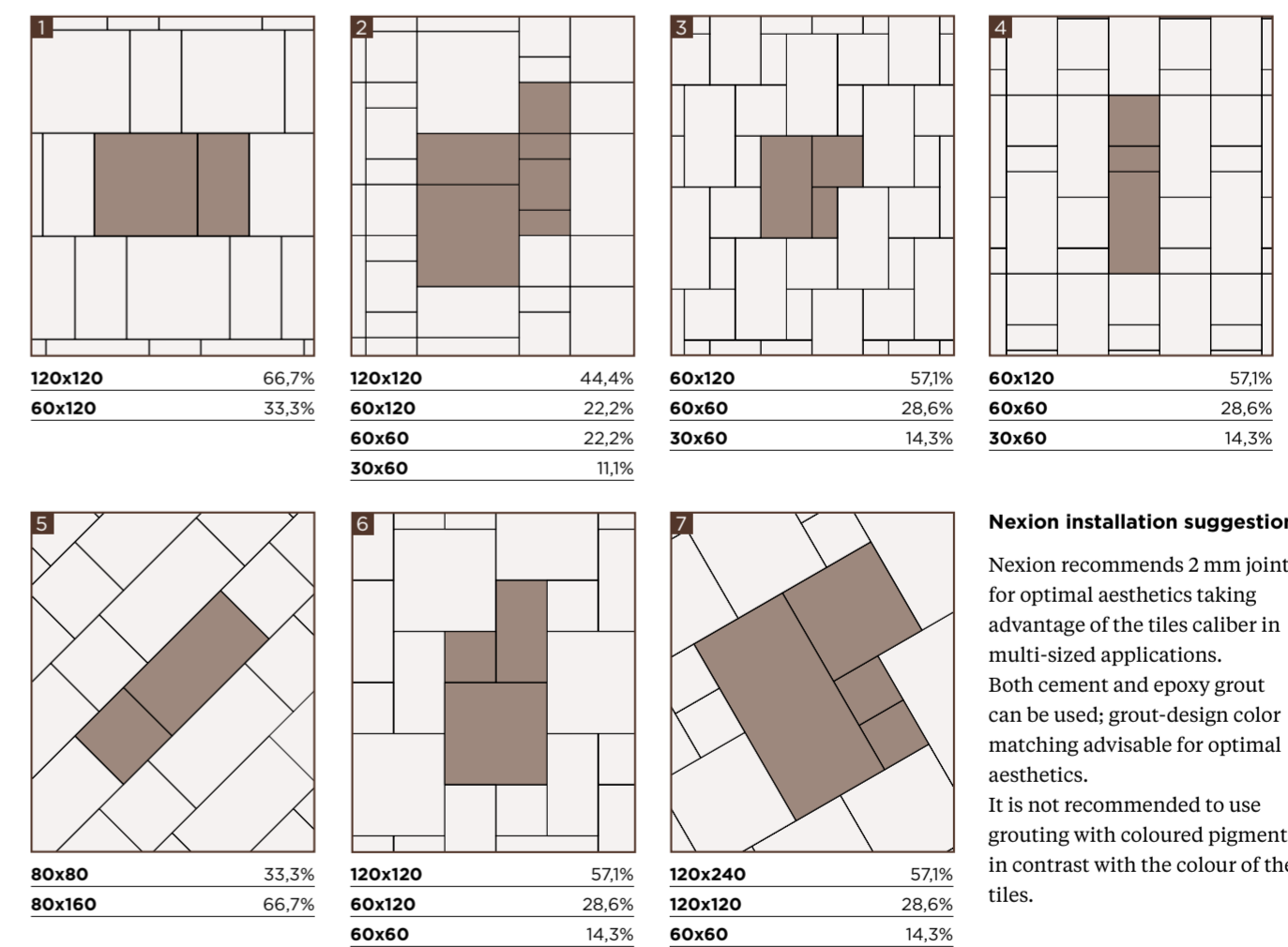
Worldwide shipments

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
120x120	9	1	1,44	30,14	21	30,24	632,94
80x160	9	1	1,28	26,78	35	44,63	937,30
60x120	9	2	1,43	30,00	34	48,72	1020,00
80x80	9	2	1,27	26,75	40	50,08	1070,00
60x60	9	3	1,07	22,53	40	42,92	901,20
30x60	9	6	1,07	22,45	40	42,80	898,00

Size

Nominal Size cm	Actual Size cm
120x240	119,8x239,8
120x120	119,8x119,8
80x160	79,8x159,8
60x120	59,8x119,8
80x80	79,8x79,8
60x60	59,8x59,8
30x60	29,8x59,8

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 coloured pigments in contrast with the colour of the tiles.



