



# Nexion

RESEARCH · INSPIRATION · GRAPHIC · ARCHITECTURE

RIGA



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A NEW WAY  
TO LOOK AT  
SURFACES: AS  
PARTS OF A  
WHOLE, OF YOUR  
SPACE, OF YOUR  
OWN EXPERIENCE.

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WHO WE ARE

## ENVISIONING SURFACES AS A BLEND OF BEAUTY AND PERFORMANCE.

We are an Indo-Italian company who brought up a **new perspective on tile design**, for those who understand the role of **beauty as a well-being enabler in life**.

Our sintered surfaces, conceived as a unique blend of beauty and performance, are designed to suggest a **holistic vision of the space**.

Each surface is the result of the ability of our designers to connect with any source of inspiration and bring unique products to life, which **elevates the personality of a space**.

**We operate differently**, innovating in the way we see and do things. We stand by our customers throughout the journey, ensuring every surface reflects their vision and enhances designed space.

Our way is a new way to look at surfaces: as parts of a whole, of your space, of your own experience.



## RE-INTERPRETING THE ARCHITECTURAL USE OF CONCRETE

Riga, "line" in Italian, one of the fundamental signs of design. RIGA, acronym of **Research and Inspiration from Graphic and Architecture, re-interpreting the architectural use of concrete.**

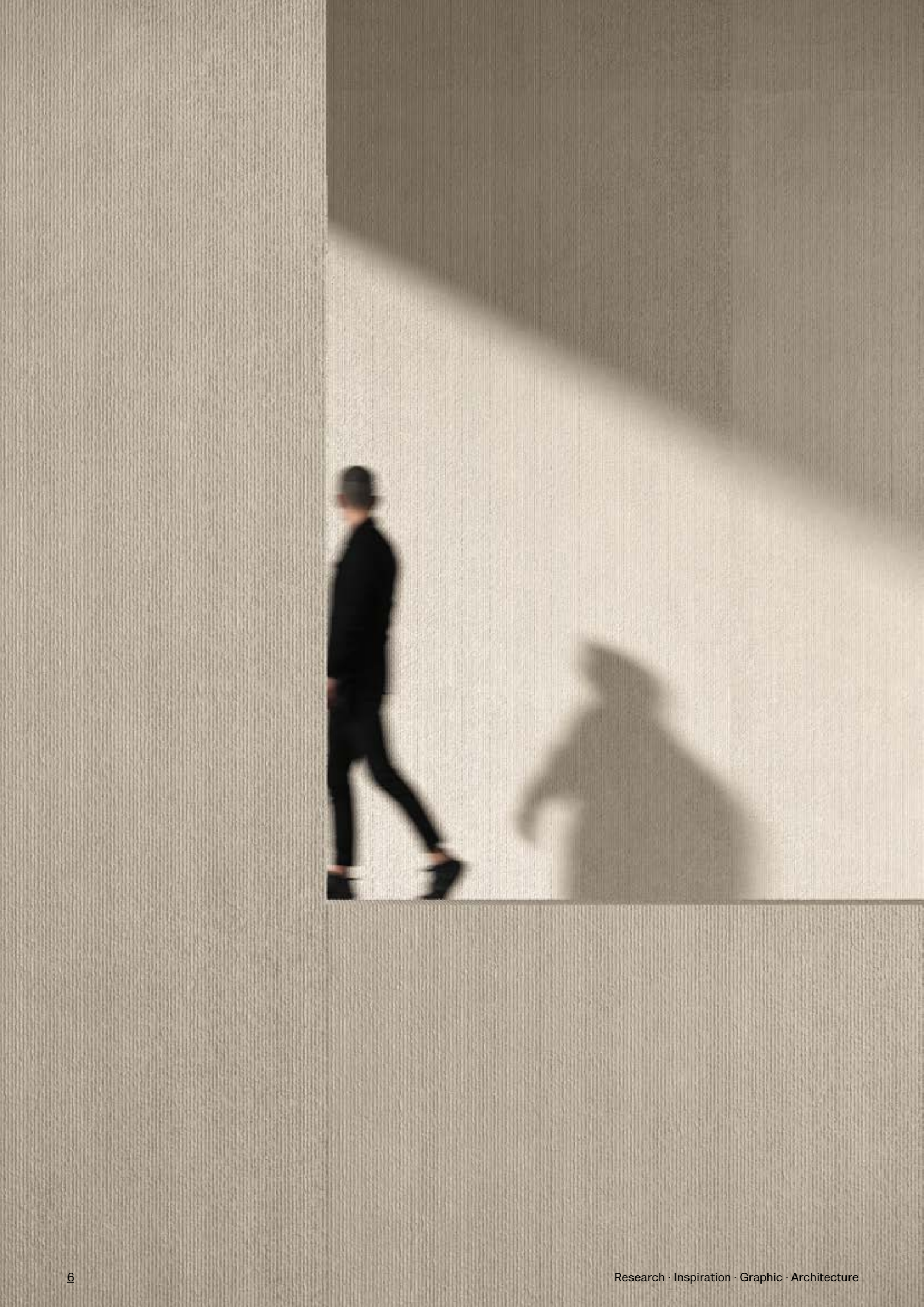
The product of creativity and technology.

**Created by skilled craftsmen** who manually made carved concrete walls looking for the beauty of repetitive patterns full of human imperfections. Manufactured using the laser micro-carving technology to carefully engrave these man-made patterns on a large-size ceramic surfaces.

Four interpretations of this design concept, with lines (Rigato), stripes (Striato), squares (Quadri), and flatness (Planum), to be used alone or together to create **visually rich patterns** and convey a natural, vibrant full-empty sculptural effect, through the interplay of texture and light.







THE RANGE

6 COLORS  
4 STRUCTURES

The architectural attitude of concrete comes to life in six basic colors designed both to function independently and to mix harmoniously with each other. Four structures add expressive intensity to the surfaces, intricately captivating and reflecting light and, creating sculptural effects that continuously evolve.



**BASIC ELEMENTS: PLANUM**

**6 COLORS**

Covering a wide range of pure concrete expressions.

**7 SIZES (cm)**

120x240/120x180/80x160/120x120/60x120/60x60/30x60

To exploit all architectural and creative potential.



Beige



Avorio



Bianco



Grigio Chiaro



Grigio Scuro



Nero

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

NEXION INSTALLATION SUGGESTIONS  
Nexion recommends 2 mm joint for optimal aesthetics taking advantage of the tile's 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)

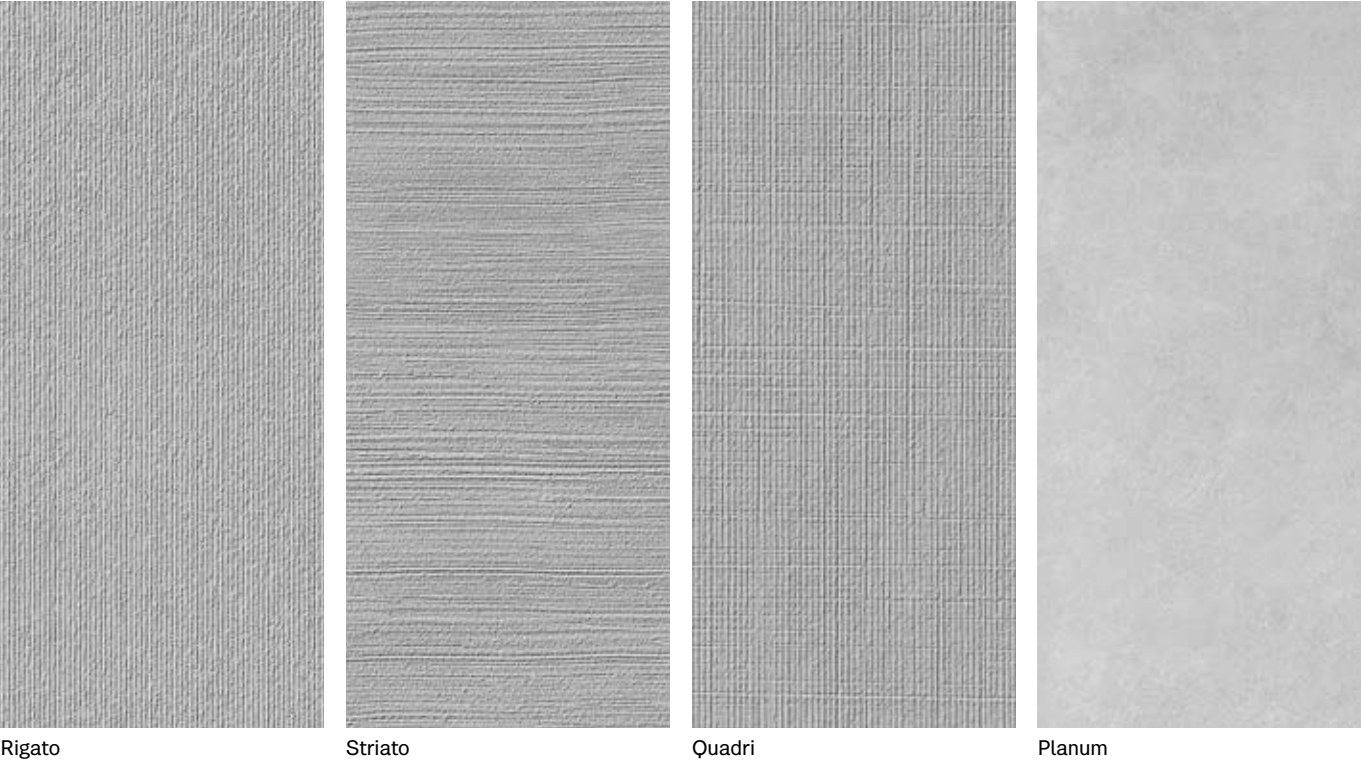


DECORATIVE ELEMENTS: RIGA

4 STRUCTURES (Rigato, Striato, Quadri, Planum)  
Adding sculptural expressivity to surfaces.

6 COLORS  
Covering a wide range of pure concrete expressions.

2 SIZES (cm)  
120x240/60x120  
Congenial to multiple laying patterns.



Rigato Striato Quadri Planum



Rigato Beige Striato Beige Quadri Beige Planum Beige  
Rigato Avorio Striato Avorio Quadri Avorio Planum Avorio  
Rigato Bianco Striato Bianco Quadri Bianco Planum Bianco  
Rigato Grigio Chiaro Striato Grigio Chiaro Quadri Grigio Chiaro Planum Grigio Chiaro  
Rigato Grigio Scuro Striato Grigio Scuro Quadri Grigio Scuro Planum Grigio Scuro  
Rigato Nero Striato Nero Quadri Nero Planum Nero









Wall: Riga Quadri Avorio 120x240 cm, Planum Avorio 120x240 cm  
Desk: Riga Quadri Avorio 120x240 cm  
Floor in: Planum Grigio 120x240 cm  
Floor Out: Lithic Alpi Argento 120x120 cm





Floor: Planum Avorio 120x240 cm  
Wall: Riga Rigato Nero 120x240 cm  
Indoor furniture: Riga Quadri Nero, Riga Quadri Avorio





Floor: Planum Avorio 60x120 cm  
Wall: Riga Rigato Avorio 120x240 cm



Floor: Planum Avorio 60x120 cm  
Volumes: Riga Quadri Nero





Wall: Planum Avorio 120x120 cm, Riga Quadri Avorio 120x240 cm  
Volumes: Riga Quadri Avorio 120x240  
Floor: Planum Avorio 120x240 cm





Volumes: Riga Quadri Avorio 120x240  
Floor: Planum Avorio 120x240 cm



Wall: Riga Quadri Avorio 120x240 cm





Wall: Riga Rigato Bianco 120x240 cm  
Desk: Riga Quadri Avorio 120x240 cm  
Floor: Planum Bianco 120x120 cm





Wall: Riga Rigato Bianco 120x240 cm  
 Desk: Riga Quadri Avorio 120x240 cm  
 Floor: Planum Bianco 120x120 cm



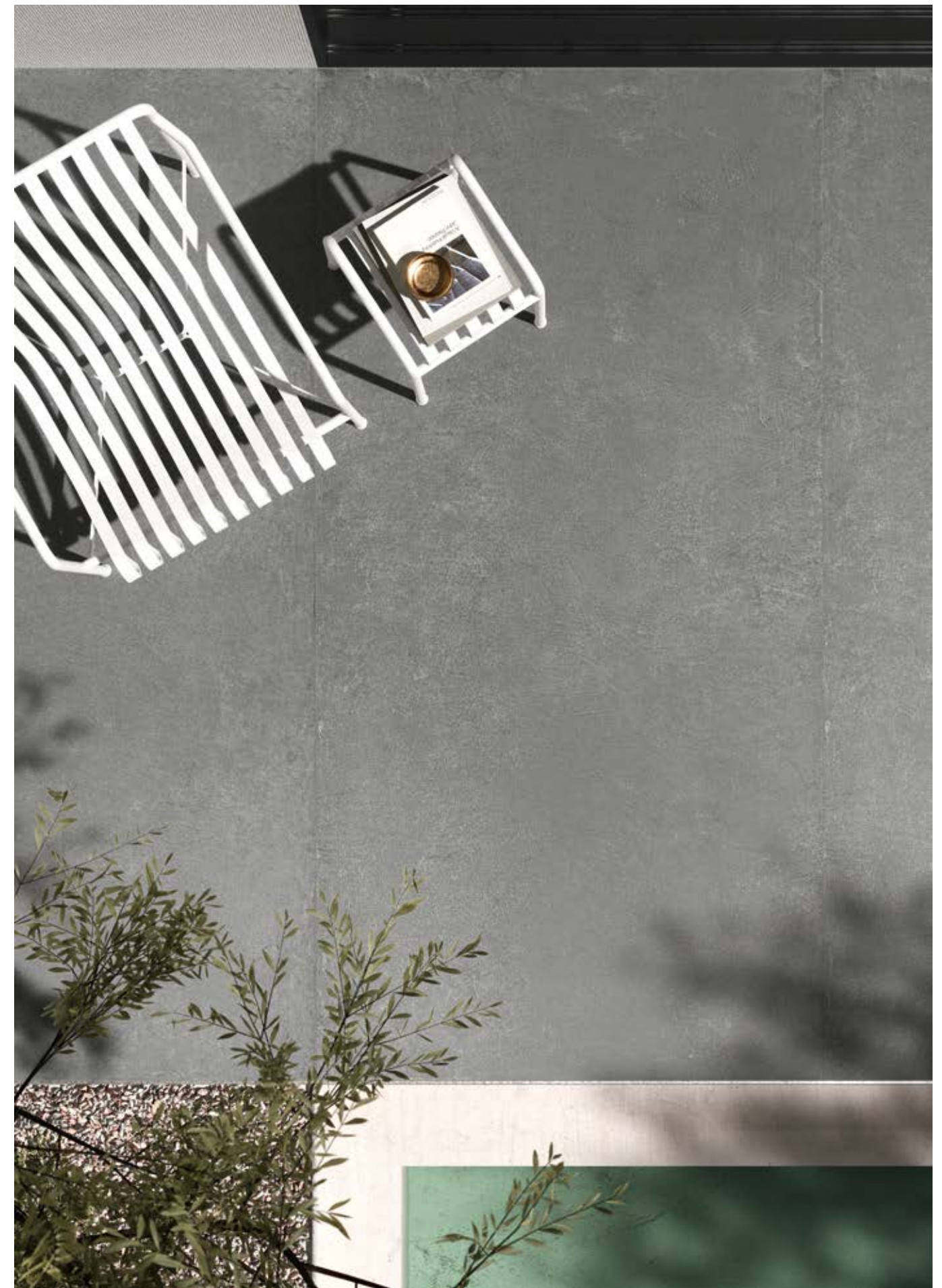


Wall: Riga Striato Grigio Chiaro 120x240 cm, Riga Rigato Grigio Chiaro 120x240 cm  
Floor: Planum Nero 120x240 cm





Wall: Riga Striato Grigio Chiaro 120x240 cm  
Floor: Planum Nero 120x240 cm



Floor: Planum Nero 120x240 cm



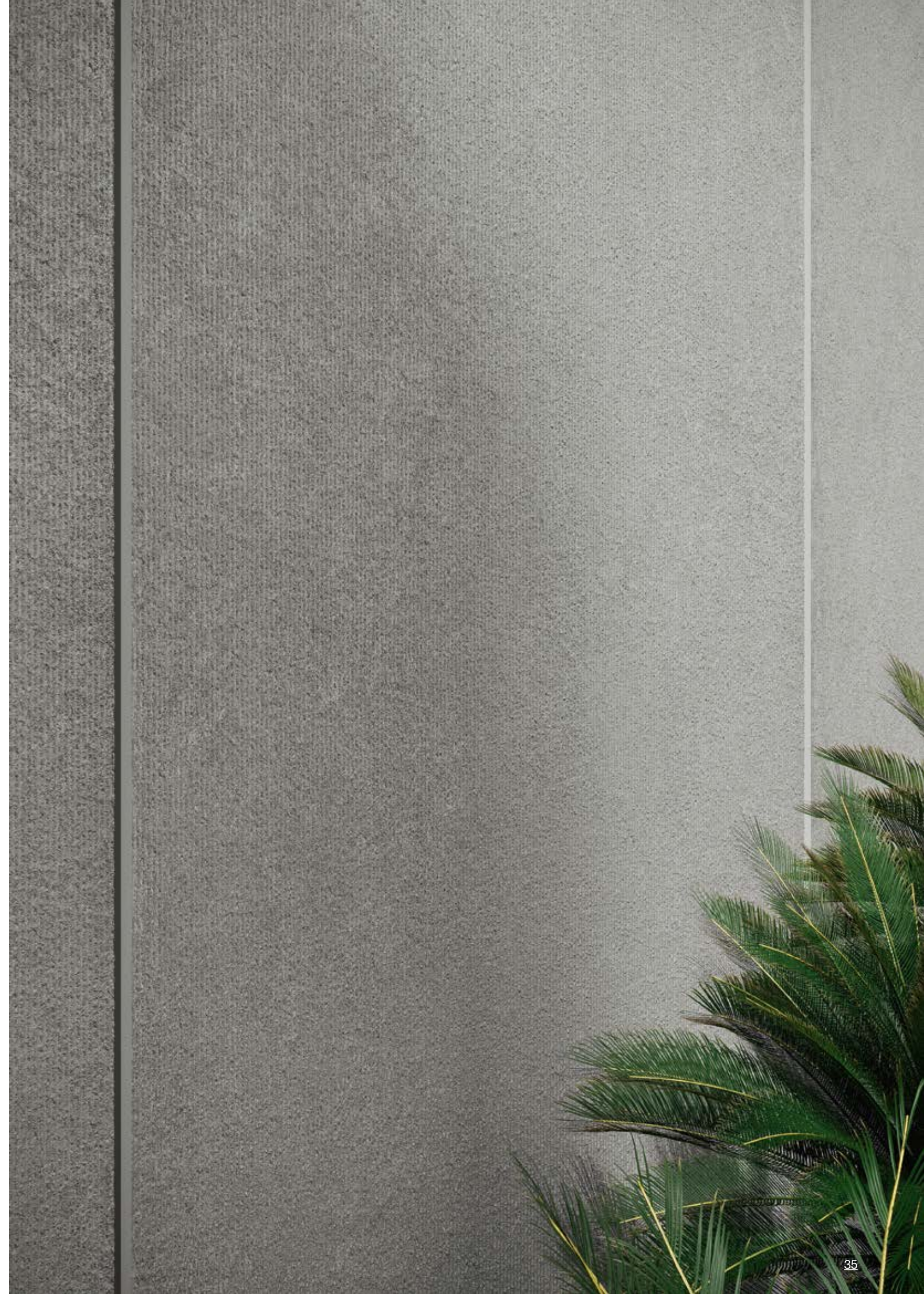


Wall: Riga Rigato Nero 120x240 cm  
Floor: Planum Nero 120x240 cm





Wall: Riga Rigato Nero 120x240 cm  
 Floor: Planum Nero 120x240 cm





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 <sub>y</sub> ≤0,5% GROUP BIa	NEXION Values			
					SIZE < 1200 mm		SIZE ≥ 1200 mm (SLABS)	
					%	mm	%	mm
DIMENSIONS AND SURFACE QUALITY	Width	ISO 10545 - 2	mm	± 0,3%	± 0,1%	± 0,8 mm	± 0,1%	± 1,0 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%	± 0,5 mm	± 4,0%	± 0,5 mm
	Straightness of Side	ISO 10545 - 2	mm	± 0,3%	± 0,1%	± 0,8 mm	± 0,1%	± 1,0 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%	± 3,0 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 IV (> 2100 Cycles)			
	Resistance to surface abrasion of glazed tiles intended for use on floors							
	Mohs Hardness of surface	NA	-	-	8			
	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			
	Slip Resistance			As declared by the Manufacturer	Absolute Matte			
		ANSI A137,1	-		DCOF > 0,51			
		DIN 51130	-		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
120x180	9	2	4,31	91,00
80x160	9	2	2,55	54,00
120x120	9	2	2,87	60,00
60x120	9	2	1,43	30,00
60x60	9	4	1,43	31,00
30x60	9	6	1,07	23,00

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
120x180	9	2	4,31	91,00	25	107,70	2355,00
80x160	9	2	2,55	54,00	28	71,40	1542,00
120x120	9	2	2,87	60,00	24	68,88	1480,00
60x120	9	2	1,43	30,00	28	40,10	870,00
60x60	9	4	1,43	31,00	32	45,82	1012,00
30x60	9	6	1,07	23,00	44	46,99	1032,00

Riga Structures will be available in 60x120 cm and 120x240 cm sizes only.

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

Size

Nominal Size cm	Actual Size cm
120x240	119,8x239,8
120x180	119,8x179,8
80x160	79,8x159,8
120x120	119,8x119,8
60x120	59,8x119,8
60x60	59,8x59,8
30x60	29,8x59,8





# Nexion

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