

Nexion

SINTERED FACADE PANELS



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

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.

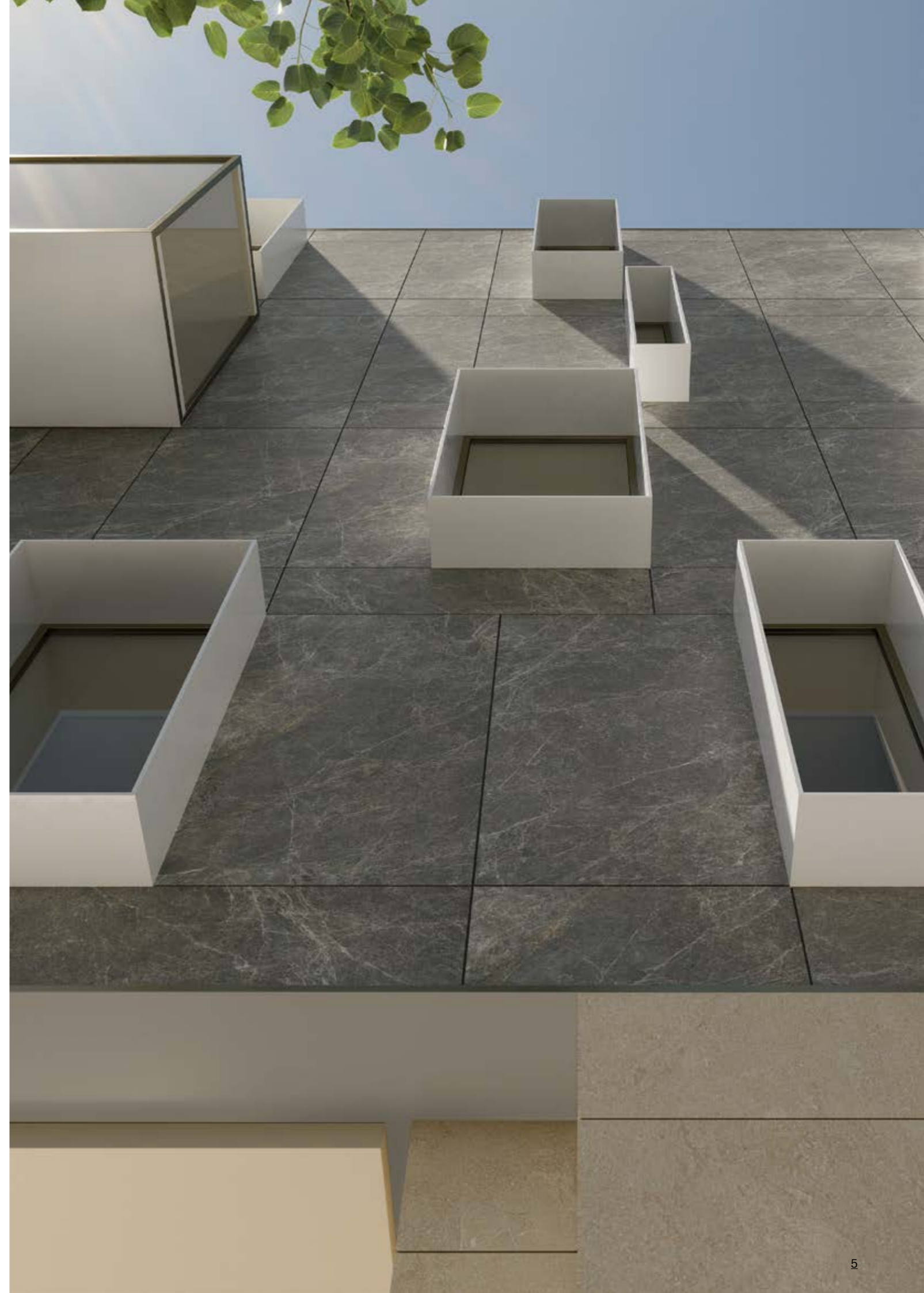
BRINGING ADDED VALUE TO CONTEMPORARY ARCHITECTURE

Contemporary architecture needs knowledge and expertise to combine design refinement and excellent technical performance. We work hard to meet this need, providing superior quality Sintered Facade Panels, specially designed to create ventilated facades in the most challenging contexts.

Made in large formats that increase the sensation of visual continuity, amplifying the aesthetic impact of the walls, our Sintered Facade Panels are available in various looks inspired by materials with great expressive power, such as concrete, stone and terracotta, lending themselves to realize projects in response to the most particular tastes and inclinations: from those specifically fitted to metropolitan landscapes, to compositions that blend perfectly into the surrounding natural environments.

Such pronounced aesthetic aptitude, expression of the most advanced innovations of Made in Italy design, is accompanied by excellent technical qualities. From the extraordinary lightness and tractability of the slabs, which makes them suitable for the most varied types of cuts and customization, to the incomparable resistance capacity typical of porcelain stoneware, which makes them practically unalterable by atmospheric conditions, pollutants, stains, structural stress and all the other environmental conditions of urban and outdoor design contexts.

The result is a versatile and highly performing material, stylistically highly refined, perfect for creating projects capable of preserving their beauty over time, increasing the architectural value of buildings.

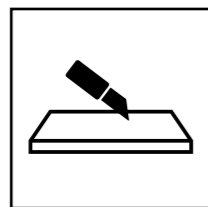


AESTHETIC EXCELLENCE AND OUTSTANDING PERFORMANCE

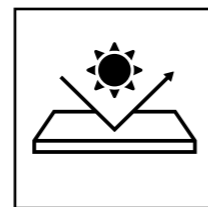
Aesthetically refined, extremely easy to work and exceptionally resistant to atmospheric and pollutants agents and all other challenging conditions of urban and outdoor design environments. Our Sintered Facade Panels offer incomparable advantages, representing a precious added value in contemporary architecture.



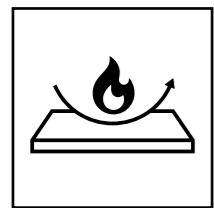
WATERPROOF



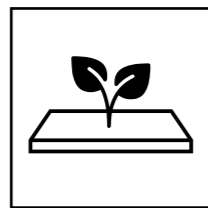
RESISTANT TO SCRATCHES



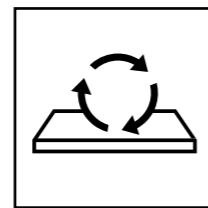
UV RESISTANT



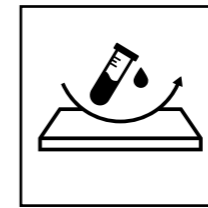
FIRE RESISTANT



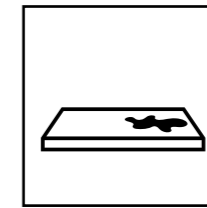
100% NATURAL



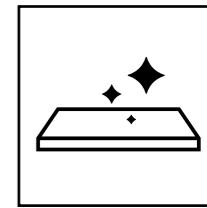
ECO FRIENDLY



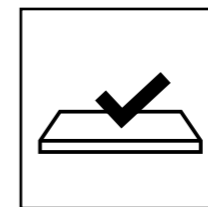
CHEMICAL RESISTANT



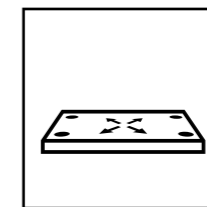
GRAFFITI AND STAIN RESISTANT



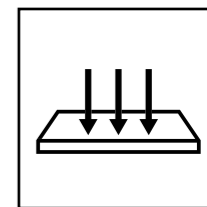
EASY TO CLEAN



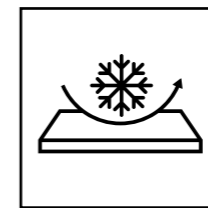
SAFETY FIBRE-MESH ADVANTAGE



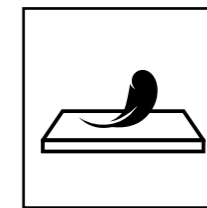
DIMENSIONAL STABILITY



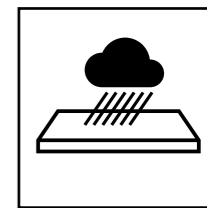
HIGH BREAKING STRENGTH



FROST RESISTANT



EXTREMELY LIGHTWEIGHT



WEATHER-PROOF



Wall: Endless Bianco, Endless Grigio 120x240 cm
Floor: Endless Grigio 120x120 cm, Endless Nero 120x120 cm



Wall: Endless Bianco, Endless Grigio 120x240 cm
Floor: Endless Grigio 120x120 cm, Endless Nero 120x120 cm





Wall: Lithic Vicenza Beige 120x240 cm, Lithic Gabbro Sfumato 80x240 cm



Wall: Lithic Gabbro Sfumato 80x240 cm, 120x240 cm, Lithic Roccia Portoghese 120x240 cm



Wall: Travertine Veincut Beige Spazzolato 120x240 cm, Endless Grigio Scuro 120x240 cm
Floor: Travertine Veincut Beige Spazzolato 120x240 cm



PALACE HOTEL

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



THE RANGE

52 DESIGNS

3 CATEGORIES

- CONCRETE
- STONE
- TERRACOTTA

2 SIZES

- 120X240
- 80X240



120x240 cm



80x240 cm

3 THICKNESS

- 6 MM+ (WITH SAFETY MESH)
- 9 MM +(WITH SAFETY MESH)
- 12 MM+ (WITH SAFETY MESH)*

* available on request

CONCRETE

ENDLESS



Avorio



Beige



Taupe



Argento



Bianco



Grigio



Nero

Full body-colored porcelain stoneware (International standard)
Vitrified stoneware (Indian standard)

AMBIENT



Beige Chiaro



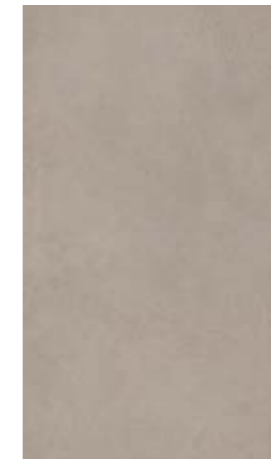
Beige Medio



Beige Scuro



Grigio Chiaro



Grigio Medio



Grigio Scuro

Full body-colored porcelain stoneware (International standard)
Vitrified stoneware (Indian standard)

CONCRETE

RIGA* & PLANUM



Rigato Beige



Striato Beige



Quadri Beige



Planum Beige



Rigato Avorio



Striato Avorio



Quadri Avorio



Planum Avorio



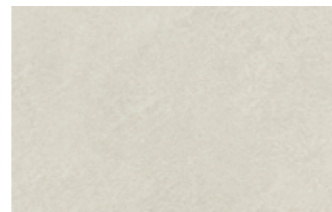
Rigato Bianco



Striato Bianco



Quadri Bianco



Planum Bianco



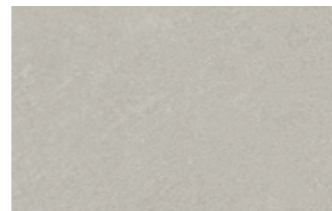
Rigato Grigio Chiaro



Striato Grigio Chiaro



Quadri Grigio Chiaro



Planum Grigio Chiaro



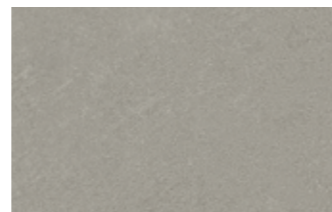
Rigato Grigio Scuro



Striato Grigio Scuro



Quadri Grigio Scuro



Planum Grigio Scuro



Rigato Nero



Striato Nero



Quadri Nero



Planum Nero

Full body-colored porcelain stoneware (International standard)
Vitrified stoneware (Indian standard)
*RIGATO, STRIATO and QUADRI structures are not available in 6mm+

STONE

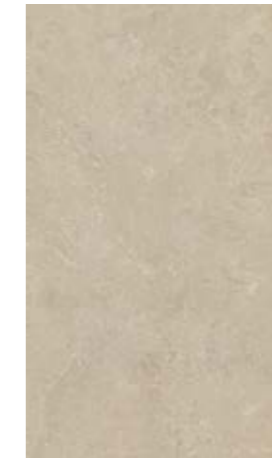
LITHIC



Pietra Piasentina



Vicenza Beige



Roccia Portoghese



Pannonia



Alpi Argento



Basalto Grigio



Gabbro Sfumato



Kilkenny Nero

Full body-colored porcelain stoneware (International standard)
Vitrified stoneware (Indian standard)

STONE

RUNA



Beige



Grigio Chiaro



Grigio Scuro



Nero

TERRACOTTA

TERRACOTTA



Chiaro



Scuro

TRAVERTINE



Veincut Beige - Spazzolato

Full body-colored porcelain stoneware (International standard)
Vitrified stoneware (Indian standard)

Full body-colored porcelain stoneware (International standard)
Vitrified stoneware (Indian standard)

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 _v ≤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%	± 0,5 mm	± 4%	± 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	Weight	Grammage	Kg/m ²	-	6mm+ : 14	9mm+ : 21	12mm+ : 28	
	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	6mm+ : > 1300	9mm+ : > 1800	12mm+ : > 2300	
	Modulus of Elasticity	ISO 10545-4	Gpa	-	Min. 7			
	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)			
	Mohs Hardness of Surface	NA	-	-	≥7 (4 for Spazzolato Surface)			
	Co-efficient of Linear Thermal Expansion	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			
	Small color differences	ISO 10545 - 16	-	Plain colored tiles only where required GL: ΔE < 0,75 / UGL: ΔE < 1,0	No change			
	UV Resistance	DIN 51094	-	As declared by the Manufacturer	No Alteration			
Fire Resistance	EN - 13501	-	As declared by the Manufacturer	Class A2*				
Weather Resistance	DIN 22631	Mpa	> 1,9 Mpa (Under Standard Conditions, ≥ 24 Hours)	≥ 2.2 Mpa				
Weatherproofing Test with UV	ASTM G154	-	As declared by the Manufacturer	1000 Hours				
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			

*Sintered Facade Panels are supplied with FR Grade Safety Mesh

PACKAGING INFO

Shipments to domestic markets (India)

Nominal Size cm	Thickness mm	Pcs. x box	Sq. mt x box	Weight x box (Kg)
120x240	6mm+	1	2,87	44,00
80x240	6mm+	3	5,74	90,00

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	6mm+	1	2,87	44,00	45	129,15	1980,00
80x240	6mm+	3	5,74	90,00	28	160,78	2520,00

Sintered Facade Panels 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
80x240	79,8x239,8



Frequently Asked Questions



Nexion

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