



Nexion interprets Stone

PIETRA DEL CARDOSO COLLECTION

Pietra del Cardoso collection inherits the spirit of the homonymous Italian stone extracted from the mountains of Tuscany, home of most famous marble quarries in the world (Alpi Apuane). A material appreciated for centuries due to its extraordinary longevity, resistance, style and functionality.

Nexion has accurately selected some of the most exclusive specimens conveying the essence of Cardoso into a new unique ceramic material, combining elegance with unrivalled technical qualities. Nexion has bring this stone to the next level, devising an extremely durable surface, highly resistant to chemicals, stains and abrasions which makes it particularly suitable for high traffic public spaces.

The result is an extremely wide and versatile offering, divided into six colors, five sizes, three surfaces and two anti-slip finishes. A collection that bring the best inspiration of contemporary Italian design in every type of space and environment.

Nexion about

Nexion is a brand of Nexion International, 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.

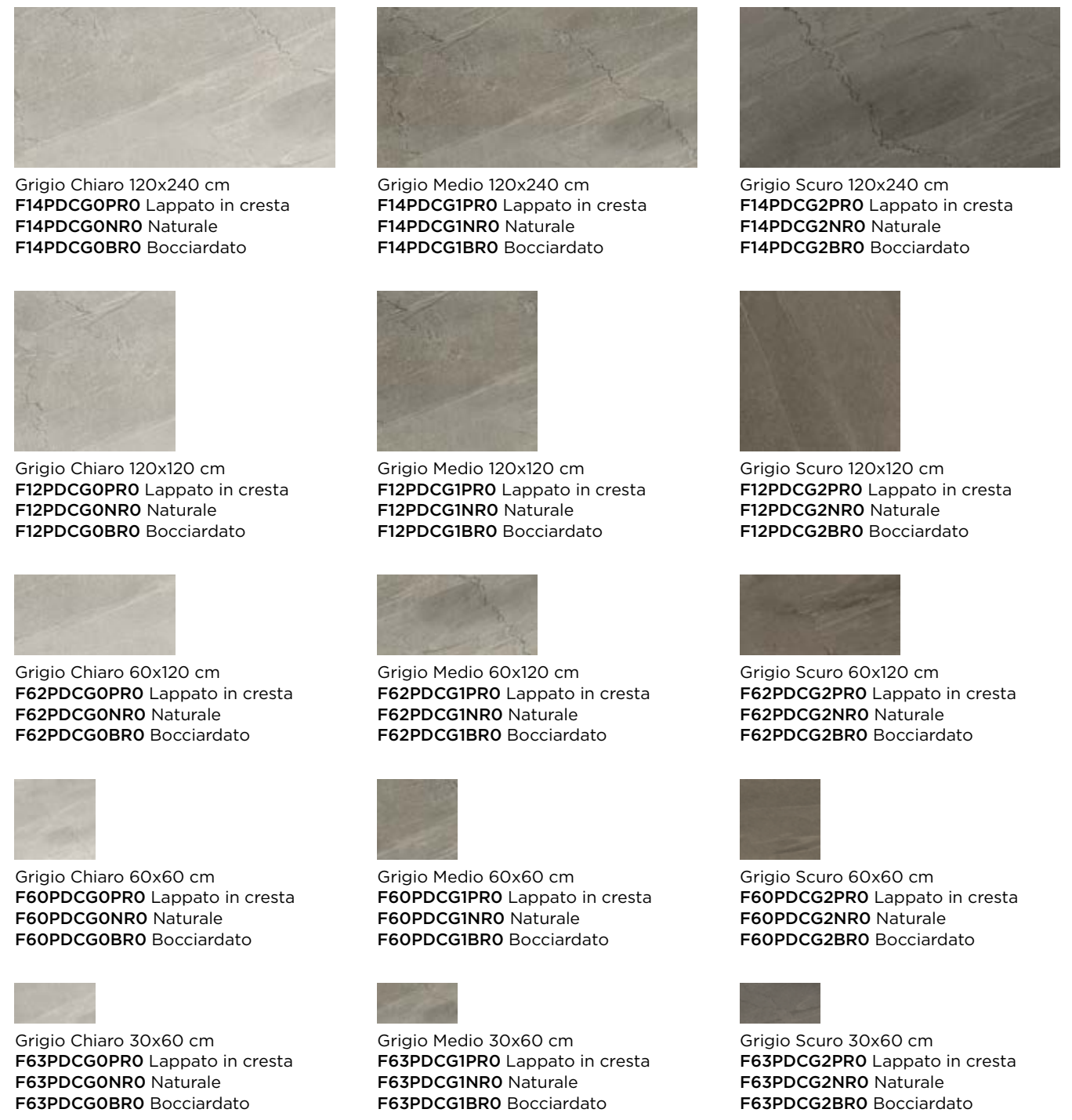
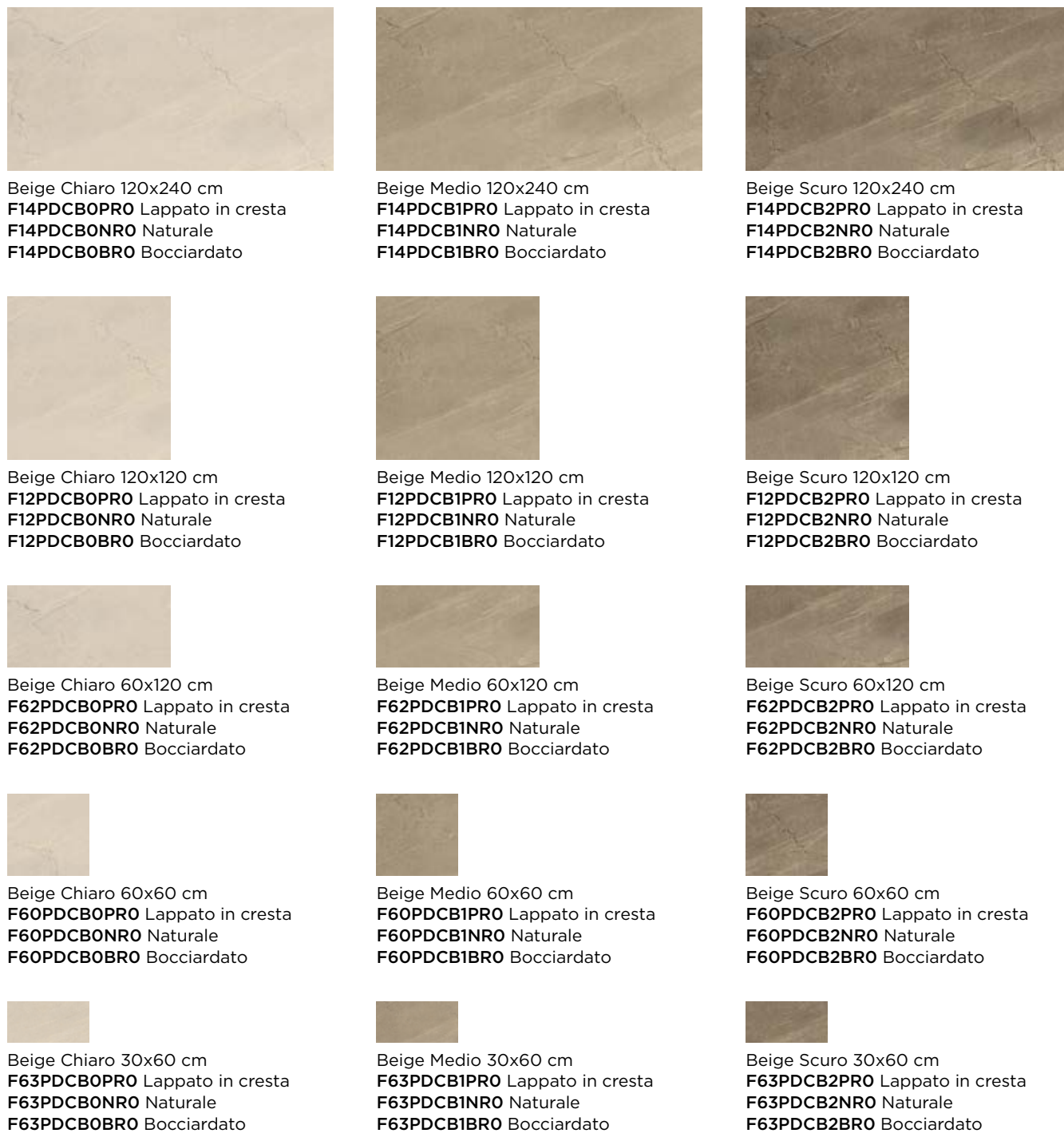
With mastery of technology and design, we turn the best of the Italian tradition and lifestyle into contemporary ceramic surfaces that can be source of inspiration for architects and designers around the world.

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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Full body-colored porcelain stoneware (international standard) | Vitrified stoneware (indian standard).
Rectified | 9 mm thickness



6 Inspirations
varieties of stone in different elegant and suggestive tones.

5 Sizes
to exploit all architectural and creative potential.

5 Finishes
to find the most indicate surface for every location.
R11 and R12 finishes on request

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.

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	UNIT	REQUIREMENTS ISO 13006:2018(E) E ₁ -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 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/h	-	0.02			
	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	NA	gr/cc	2.2	2.2			
	Impact Resistant	ISO 10545 - 5	-	As declared by the Manufacturer	0.55			
CHEMICAL PROPERTIES	Frost Resistant	ISO 10545 - 12	-	As declared by the Manufacturer	No change			
	Small colour differences	ISO 10545 - 16	-	Plain coloured tiles only where required GL: ΔE < 0.75 UGL: ΔE < 1.0	No change			
	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	Compliant			
Resistance to acids & alkalis	ISO 10545 - 13	Class	As declared by the Manufacturer	Compliant				

Packaging info

Nominal	Thickness mm	Pcs. x box	Sq. mt x box	Weight x box (Kg)
120x240	9	1	2,87	63,00
120x120	9	2	2,87	62,00
60x120	9	2	1,43	31,00
60x60	9	3	1,07	23,00
30x60	9	6	1,07	23,00

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	63,00	36,00	103,43	2291,00
120x120	9	2	1,44	31,00	36,00	51,66	1139,00
60x120	9	2	1,43	31,00	32,00	45,82	1015,00
60x60	9	3	1,07	23,00	40,00	42,96	943,00
30x60	9	6	1,07	23,00	40,00	42,96	943,00

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



