Index Master Catalogue

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 wares 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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Nexion's Essence

We are guided by complementary values. On the one hand, our long experience in the field has given us mastery of technology and design; on the other, we are curious and open-minded, keen to learn from our customers and the partners we work with.

We are reliable and have a solid ground in our operating procedures, but we are also dynamic and in constant pursuit of new ideas.

We are confident in what we do, but ready to move out of our comfort zone to experiment and innovate when the market demands that.

Our pledge is to exploit Italian creativity, rooted in the hundreds of years of our country's history and way of life, to create beautiful products that can be source of inspiration for architects and designers around the world.

We set for ourselves standards of excellence in terms of aesthetics, quality and performance.

We believe that service is as important as manufacturing as our work ends when our clients fulfill their aspirations and achieve their goals.

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We are reliable and have a solid ground in our operating procedures, but we are also dynamic and in constant pursuit of new ideas.

Our Company

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 wares in India since 1977.

Ceramiche Speranza and Aghara family have many elements in common: both of them are **positioned in the high end of the respective markets** and both are led by entrepreneurs who share similar values and goals.

The joint venture company, named Nexion International Pvt. Ltd., designs, produces and sells worldwide high quality porcelain (Glazed Vitrified) slabs and large-size tiles in 9mm and 6mm thickness, under the brand Nexion. Porcelain slabs in sizes such as 800x2400mm and 1200x2400mm represent the latest and





nicest segment of tiles offering, using new generation of press technology and advanced digital printing and glazing to create **superior tiles**, of beautiful aesthetics and impeccable quality, resembling natural and artificial surfaces as stone, wood, cement and so on.

The main claim of Nexion brand is **"Designed in Italy to inspire the International Dreamers"**. To this aim, Nexion's value chain is global rather than local: all products are designed in Italy, manufactured in India, in the company's state-of-the-art plant, using the very latest Italian technology, and sold in more than **50 countries**, through subsidiaries, partners and clients service teams located in key target markets, with marketing, quality management and global customer services in Italy.

All products are **quality certified** according to international standards and undergo tests in the most reliable Italian labs.





Our People

We are a **young dynamic** company, with a strong **multicultural vocation. 350 people** use their passion, enthusiasm and highly specialised skills to turn the important targets we have set for ourselves into positive results.

Among them, the ambition to combine the best of Italian creativity and technology with the integrity and traditional assiduity of Indian manufacturers, to create the highest quality exclusive products to enrich people's lives. A goal that can only be reached by creating a successful and well integrated teams with some of the most talented people of these two cultures, both rich in history, tradition and values.







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350 people use their passion, enthusiasm and highly specialised skills to turn the important targets we have set for ourselves into positive results.

Intro



Surface: the quintessence of lappato

Mastering polishing technique, Nexion has given to Marble Collections the beauty of the contemporary "lappato matt" alongside the evergreen "full lappato" surface.

Full Lappato is the most notable marble surface in interior design. With perfect mirror reflection, obtained by superior glaze quality and master-class polishing, this surface exalts the graphics and the deepness of fine marble slabs. When made to perfection, the result is an absolutely flat surface, with waving-free reflection.

A result very difficult to achieve in ceramics, that Nexion has accomplished.

Lappato Matt is a contemporary interpretation of marble surface, with its characteristic absence of any reflection. Dedicated to the world of design, architecture and furniture, this finishing exalts the details of veins and colors of carefully selected marble slabs.

This surface is not easy to produce in ceramics and Nexion has achieved excellent results in aesthetics and durability.

Marble Collections surface deliver extraordinary performance. Full lappato reaches 95 on the Gloss scale – a measure of reflection in which high values mean highly reflective surface and low values absence of reflection – higher than the average of top Italian products. Lappato Matt is as low as 8 on the Gloss scale, among the best results achieved by leading producers. Full lappato Gloss: 95

Lappato matt Gloss: 8

Intro







Combining in-depth material research, innovation, and great craftsmanship, Nexion has created three eye-catching : rigato, pettinato, and bocciardato.

The textures offer the same visual and tactile richness as the most prestigious varieties of marble when they undergo these craft techniques, which are the culmination of centuries of

.

The result is the creation of up-to-the-minute ceramics that combine the high reflective power of Nexion marble with a textural approach to light that produces striking,

An extremely di cult result to achieve in ceramics and a material that fuses the eternal, timeless charm of marble with a

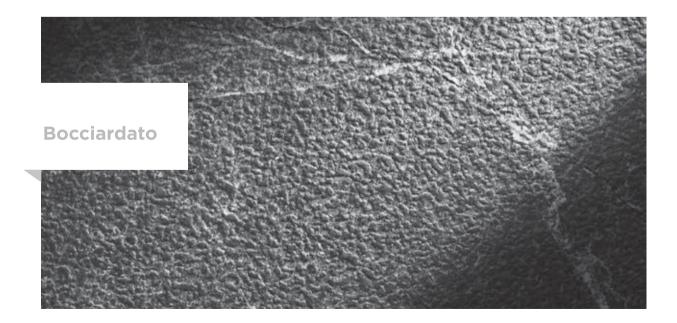
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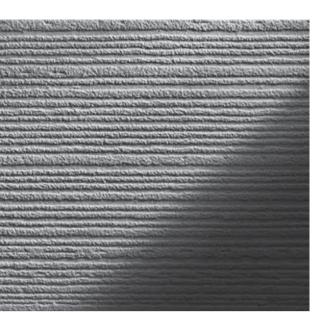


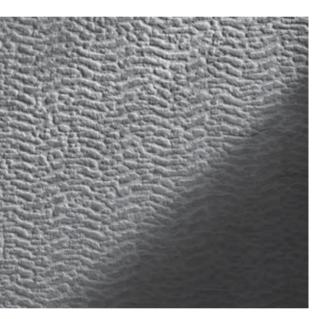
reddot winner 2020

Pettinato

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Nexion interprets Marble

X







MARBLE | Leptis

Leptis collection recalls the exotic taste of unique marbles during the splendor of Leptis, the most important African city of the Roman Empire, renowned for its lavish architectural treasures. The impressive colonnaded street, the fascinating theater and the sumptuous private residences are only few of the wonders found in this ancient thriving city.

Nexion has selected three extremely particular and attractive types of marble - Amani Bronze, Breccia Aurora and Grigio Terra - to devise deep and transparent surfaces enhancing the graphic of this prestigious material. Being master of craftsmanship, Nexion has perfected its polishing techniques giving to its full lappato finish an exceptional reflecting power.

The result is a collection that interprets the fascinating charm of some of the most precious and particular marbles of the ancient Roman Empire with a contemporary design ideal for the most ambitious projects. Leptis brings the best inspiration of Italian style in every type of space and environment.





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









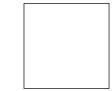












120x240 cm

120x120 cm

Full Lappato



120x240 cm | 120x120 cm | 80x160 cm | 60x120 cm



MARBLE | Leptis

SIZE	CODE	COLOUR/DESIGN
	F14LPTBOYRO F14LPTFOYRO F14LPTGOYRO	Breccia Aurora Lappato Matt Amani Bronze Lappato Matt Grigio Terra Lappato Matt
120x240 cm	F14LPTB0LR0 F14LPTF0LR0 F14LPTG0LR0	Breccia Aurora Full Lappato Amani Bronze Full Lappato Grigio Terra Full Lappato
	F12LPTBOYRO F12LPTFOYRO F12LPTGOYRO	Breccia Aurora Lappato Matt Amani Bronze Lappato Matt Grigio Terra Lappato Matt
120x120 cm	F12LPTB0LR0 F12LPTF0LR0 F12LPTG0LR0	Breccia Aurora Full Lappato Amani Bronze Full Lappato Grigio Terra Full Lappato
	F86LPTBOYRO F86LPTFOYRO F86LPTGOYRO	Breccia Aurora Lappato Matt Amani Bronze Lappato Matt Grigio Terra Lappato Matt
80x160 cm	F86LPTB0LR0 F86LPTF0LR0 F86LPTG0LR0	Breccia Aurora Full Lappato Amani Bronze Full Lappato Grigio Terra Full Lappato
	F62LPTB0YR0 F62LPTF0YR0 F62LPTG0YR0	Breccia Aurora Lappato Matt Amani Bronze Lappato Matt Grigio Terra Lappato Matt
60x120 cm	F62LPTB0LR0 F62LPTF0LR0 F62LPTG0LR0	Breccia Aurora Full Lappato Amani Bronze Full Lappato Grigio Terra Full Lappato

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.



MARBLE | Signature

Signature collection is a tribute to marbles of rare beauty, quality that make them extremely sought-after: Rosso Levanto, named after the Ligurian city from which it originates and where, over the centuries, has been used to give life to many monuments and Irish Green, originally from Connemara, with whom were made jewels, sculptures and other prestigious artifacts found in ancient palaces, residences and important architectural complexes.

Thanks to its perfect mastery of craftsmanship and polishing techniques, Nexion has created captivating surfaces able to capture the chromatic perfection of these two materials: from blood red towards purple furrowed with thin white veins of Rosso Levanto, to the uneven green embellished with translucent white veins of Irish Green.

The result is a portfolio of an undisputed prestige enriched by the uniqueness of exotic marbles with contemporary design, making this collection an attractive alternative to the most demanding customers. A collection that brings the best contemporary Italian design in every type of space and environment.





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

Rosso Levanto





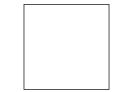


Lappato Matt









120x240 cm

120x120 cm

Full Lappato



120x240 cm | 120x120 cm | 80x160 cm | 60x120 cm



MARBLE | Signature

SIZE	CODE	COLOUR/DESIGN
	F14SGNC0YR0 F14SGNE0YR0	Rosso Levanto Lappato Matt Irish Green Lappato Matt
120x240 cm	F14SGNC0LR0 F14SGNE0LR0	Rosso Levanto Full Lappato Irish Green Full Lappato
	F12SGNCOYRO F12SGNEOYRO	Rosso Levanto Lappato Matt Irish Green Lappato Matt
120x120 cm	F12SGNCOLRO F12SGNEOLRO	Rosso Levanto Full Lappato Irish Green Full Lappato
	F86SGNCOYRO F86SGNEOYRO	Rosso Levanto Lappato Matt Irish Green Lappato Matt
80x160 cm	F86SGNCOLRO F86SGNEOLRO	Rosso Levanto Full Lappato Irish Green Full Lappato
	F62SGNCOYRO F62SGNEOYRO	Rosso Levanto Lappato Matt Irish Green Lappato Matt
60x120 cm	F62SGNC0LR0 F62SGNE0LR0	Rosso Levanto Full Lappato Irish Green Full Lappato

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.



Collections

Texture collection brings back the intense visual and tactile experience inherited by the most prestigious and wise marble processing methods. Century old practices refined and perfected overtime bring further nobility to stones already rich by their very nature.

By restlessly studying these processes down to the smallest detail, Nexion has selected three precious marble variants - Statuario, Pulpis Grigio and Crema Europa - devising surfaces that exalts the aesthetic range of their graphics with three variety of 3D textures: "rigata", "pettinata" and "bocciardata". Surfaces that, given the high reflecting power of Nexion marbles, are able to give life to fascinating and unprecedented optical effects.

The result is an exceptional 3D textured collection, able to attribute a vibrant contemporary design to an element of timeless charm as marble. A collection that brings the best inspiration of contemporary Italian design to every type of space and environment.



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varieties of marble in different elegant and suggestive tones.

reddot winner 2020

to find the best aesthetical effect for every single project.



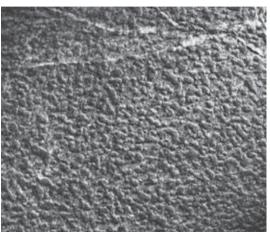
Rectified | 9 mm thickness



Full body-colored porcelain stoneware (international standard) | Vitrified stoneware (indian standard).



Bocciardato



to exploit all architectural and creative potential.



120x240 cm

120x120 cm



Pettinato

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Rigato

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120x240 cm | 120x120 cm | 80x160 cm | 60x120 cm



MARBLE | Texture

SIZE	CODE	COLOUR/DESIGN
	F14TEXAOBRO F14TEXBOBRO F14TEXGOBRO	Statuario Bocciardato Crema Europa Bocciardato Pulpis Grigio Bocciardato
	F14TEXAOTRO F14TEXBOTRO F14TEXGOTRO	Statuario Pettinato Crema Europa Pettinato Pulpis Grigio Pettinato
120x240 cm	F14TEXAORRO F14TEXBORRO F14TEXGORRO	Statuario Rigato Crema Europa Rigato Pulpis Grigio Rigato
	F12TEXAOBRO F12TEXBOBRO F12TEXGOBRO	Statuario Bocciardato Crema Europa Bocciardato Pulpis Grigio Bocciardato
	F12TEXAOTRO F12TEXBOTRO F12TEXGOTRO	Statuario Pettinato Crema Europa Pettinato Pulpis Grigio Pettinato
120x120 cm	F12TEXAORRO F12TEXBORRO F12TEXGORRO	Statuario Rigato Crema Europa Rigato Pulpis Grigio Rigato
	F86TEXAOBRO F86TEXBOBRO F86TEXGOBRO	Statuario Bocciardato Crema Europa Bocciardato Pulpis Grigio Bocciardato
	F86TEXAOTRO F86TEXBOTRO F86TEXGOTRO	Statuario Pettinato Crema Europa Pettinato Pulpis Grigio Pettinato
80x160 cm	F86TEXAORRO F86TEXBORRO F86TEXGORRO	Statuario Rigato Crema Europa Rigato Pulpis Grigio Rigato
	F62TEXAOBRO F62TEXBOBRO F62TEXGOBRO	Statuario Bocciardato Crema Europa Bocciardato Pulpis Grigio Bocciardato
	F62TEXAOTRO F62TEXBOTRO F62TEXGOTRO	Statuario Pettinato Crema Europa Pettinato Pulpis Grigio Pettinato
60x120 cm	F62TEXAORRO F62TEXBORRO F62TEXGORRO	Statuario Rigato Crema Europa Rigato Pulpis Grigio Rigato

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.



MARBLE | Apuane

Apuane collection brings the flavor of the prestigious marbles extracted in the Apuan Alps (Alpi Apuane in Italian), site of the most important Italian marble quarries since the Roman times. Prestigious and rich materials that have marked architecture over the centuries.

Nexion selected four of the finest marbles to create deep and transparent surfaces, with the elegance of black and white, as well the warmth of beige and brown. Mastering polishing technique, Nexion has given to Apuane the beauty of the contemporary lappato matt alongside the evergreen full lappato surface.

The result is an elegant collection that belongs to the most recent trend of contemporary design and architecture. A collection that brings the best of the inspiring Italian design to any type of ambience and location.





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

Statuario

Botticino





Corinthian Beige



Antique Black

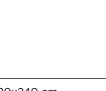


Finishes to always find the right way to celebrate the character of marble.











120x240 cm

120x120 cm

Full Lappato



120x240 cm | 120x120 cm | 80x160 cm | 60x120 cm



MARBLE | Apuane

SIZE	CODE	COLOUR/DESIGN
	F14APNAOYRO F14APNBOYRO F14APNB1YRO F14APNKOYRO	Statuario Lappato Matt Botticino Lappato Matt Corinthian Beige Lappato Matt Antique Black Lappato Matt
120x240 cm	F14APNAOLRO F14APNBOLRO F14APNB1LRO F14APNKOLRO	Statuario Full Lappato Botticino Full Lappato Corinthian Beige Full Lappato Antique Black Full Lappato
	F12APNAOYRO F12APNBOYRO F12APNB1YRO F12APNKOYRO	Statuario Lappato Matt Botticino Lappato Matt Corinthian Beige Lappato Matt Antique Black Lappato Matt
120x120 cm	F12APNAOLRO F12APNBOLRO F12APNB1LRO F12APNKOLRO	Statuario Full Lappato Botticino Full Lappato Corinthian Beige Full Lappato Antique Black Full Lappato
	F86APNAOYRO F86APNBOYRO F86APNB1YRO F86APNKOYRO	Statuario Lappato Matt Botticino Lappato Matt Corinthian Beige Lappato Matt Antique Black Lappato Matt
80x160 cm	F86APNAOLRO F86APNBOLRO F86APNB1LRO F86APNKOLRO	Statuario Full Lappato Botticino Full Lappato Corinthian Beige Full Lappato Antique Black Full Lappato
	F62APNAOYRO F62APNBOYRO F62APNB1YRO F62APNKOYRO	Statuario Lappato Matt Botticino Lappato Matt Corinthian Beige Lappato Matt Antique Black Lappato Matt
60x120 cm	F62APNAOLRO F62APNBOLRO F62APNB1LRO F62APNKOLRO	Statuario Full Lappato Botticino Full Lappato Corinthian Beige Full Lappato Antique Black Full Lappato

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.



MARBLE | Kair

Kair collection evokes the beauty of the prestigious marbles excavated in the mountains that surround Carrara, Kair in the ancient times, town capital of Italian marble since the Roman Empire. Rich materials that, thanks to a simple and classical elegance, wrote important pages in the history of classic and modern architecture.

Nexion selected four of the finest marbles and created four slabs of contemporary designs and colours, ranging from the timeless elegance of black and white, to the warm and enveloping shades of brown and beige. With craftsmanship and passion for details, Nexion has given to Kair two suggestive surfaces, the super-reflective full lappato and the sober lappato matt.

The result is a collection who speaks of timeless elegance, preciousness and a classical taste in a contemporary aesthetical language. A collection that brings the best of the inspiring Italian design to any type of ambience and location.



MARBLE | Kair



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

Calacatta

Crema Europa



DECORS



Crema Europa Decor



Frappuccino Decor

Port Lorent Decor



Frappuccino



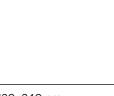


Finishes to propose the most exclusive atmosphere in every location.











120x240 cm

120x120 cm

Full Lappato



120x240 cm | 120x120 cm | 80x160 cm | 60x120 cm



SIZE	CODE	COLOUR/DESIGN
	F14KARAOYRO F14KARBOYRO F14KARFOYRO F14KARKOYRO	Calacatta Lappato Matt Crema Europa Lappato Matt Frappuccino Lappato Matt Port Lorent Lappato Matt
120x240 cm	F14KARAOLRO F14KARBOLRO F14KARFOLRO F14KARKOLRO	Calacatta Full Lappato Crema Europa Full Lappato Frappuccino Full Lappato Port Lorent Full Lappato
	F12KARAOYRO F12KARBOYRO F12KARFOYRO F12KARKOYRO	Calacatta Lappato Matt Crema Europa Lappato Matt Frappuccino Lappato Matt Port Lorent Lappato Matt
120x120 cm	F12KARAOLRO F12KARBOLRO F12KARFOLRO F12KARKOLRO	Calacatta Full Lappato Crema Europa Full Lappato Frappuccino Full Lappato Port Lorent Full Lappato
	F86KARAOYRO F86KARBOYRO F86KARFOYRO F86KARKOYRO	Calacatta Lappato Matt Crema Europa Lappato Matt Frappuccino Lappato Matt Port Lorent Lappato Matt
80x160 cm	F86KARAOLRO F86KARBOLRO F86KARFOLRO F86KARKOLRO	Calacatta Full Lappato Crema Europa Full Lappato Frappuccino Full Lappato Port Lorent Full Lappato
	F62KARAOYRO F62KARBOYRO F62KARFOYRO F62KARKOYRO	Calacatta Lappato Matt Crema Europa Lappato Matt Frappuccino Lappato Matt Port Lorent Lappato Matt
60x120 cm	F62KARAOLRO F62KARBOLRO F62KARFOLRO F62KARKOLRO	Calacatta Full Lappato Crema Europa Full Lappato Frappuccino Full Lappato Port Lorent Full Lappato
DECOR 30x120 cm	F32KARAONR1 F32KARBONR1 F32KARFONR1 F32KARKONR1	Calacatta Decor Crema Europa Decor Frappuccino Decor Port Lorent Decor

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.



MARBLE | Kair

MARBLE | Pompeii

Pompeii collection conveys the richness of some of these precious marbles used since the Roman age to place the milestones along the most important ways of communication and elevates the status of prestigious patrician villas and mansions.

Nexion selected four among the finest marbles and created slabs in eye-catching color variations ranging from the classical beauty of white Italian lasa to the richness of beige Iranian onyx, to intense tones of grey pulpis and dark brown emperador. With great craftsmanship, Nexion has exalted these stones with two captivating surfaces: the contemporary lappato matt and the super-reflective full lappato.

The result is a collection that translates the timeless charm of some of the most precious marbles in a contemporary language, ideal for the most ambitious design projects. A collection that brings the best of the inspiring Italian design to any type of ambience and location.





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

Onice Persiano





Pulpis Grigio



Bianco Lasa















120x240 cm

120x120 cm

Full Lappato



120x240 cm | 120x120 cm | 80x160 cm | 60x120 cm



SIZE	CODE	COLOUR/DESIGN
	F14PMPE0YR0 F14PMPF0YR0 F14PMPG0YR0 F14PMPA0YR0	Onice Persiano Lappato Matt Marrone Emperador Lappato Matt Pulpis Grigio Lappato Matt Bianco Lasa Lappato Matt
120x240 cm	F14PMPE0LR0 F14PMPF0LR0 F14PMPG0LR0 F14PMPA0LR0	Onice Persiano Full Lappato Marrone Emperador Full Lappato Pulpis Grigio Full Lappato Bianco Lasa Full Lappato
	F12PMPE0YR0 F12PMPF0YR0 F12PMPG0YR0 F12PMPA0YR0	Onice Persiano Lappato Matt Marrone Emperador Lappato Matt Pulpis Grigio Lappato Matt Bianco Lasa Lappato Matt
120x120 cm	F12PMPF0LR0 F12PMPF0LR0 F12PMPG0LR0 F12PMPA0LR0	Onice Persiano Full Lappato Marrone Emperador Full Lappato Pulpis Grigio Full Lappato Bianco Lasa Full Lappato
	F86PMPE0YR0 F86PMPF0YR0 F86PMPG0YR0 F86PMPA0YR0	Onice Persiano Lappato Matt Marrone Emperador Lappato Matt Pulpis Grigio Lappato Matt Bianco Lasa Lappato Matt
80x160 cm	F86PMPEOLRO F86PMPFOLRO F86PMPGOLRO F86PMPAOLRO	Onice Persiano Full Lappato Marrone Emperador Full Lappato Pulpis Grigio Full Lappato Bianco Lasa Full Lappato
	F62PMPE0YR0 F62PMPF0YR0 F62PMPG0YR0 F62PMPA0YR0	Onice Persiano Lappato Matt Marrone Emperador Lappato Matt Pulpis Grigio Lappato Matt Bianco Lasa Lappato Matt
60x120 cm	F62PMPE0LR0 F62PMPF0LR0 F62PMPG0LR0	Onice Persiano Full Lappato Marrone Emperador Full Lappato Pulpis Grigio Full Lappato

Nexion installation suggestions

MARBLE | Pompeii

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.

Bianco Lasa 120x120 Lappato Matt - Pulpis Grigio 120x240 Lappato Matt

Nexion interprets Stone



-



STONE | Pietra del Cardoso

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.





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

Beige Chiaro

Beige Scuro











Finishes to combine the beauty of stone and optimal performance in every location.





Bocciardato



Sizes	
to exploit all architectural and creative potential.	



120x120 cm

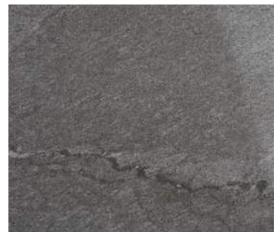






55

R11 and R12 finishes on request

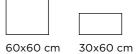


Lappato in cresta

120x240 cm | 120x120 cm | 60x120 cm | 60x60 cm | 30x60 cm





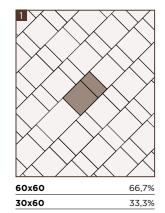


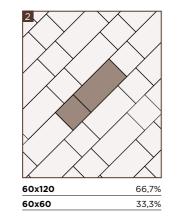
STONE | Pietra del Cardoso

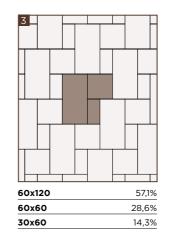
SIZE	CODE	COLOUR/DESIGN		SIZE	CODE	COLOUR/DESIGN
	F14PDCB0NR0	Beige Chiaro Naturale			F60PDCB0NR0	Beige Chiaro Naturale
	F14PDCB1NR0	Beige Medio Naturale			F60PDCB1NR0	Beige Medio Naturale
	F14PDCB2NR0	Beige Scuro Naturale			F60PDCB2NR0	Beige Scuro Naturale
	F14PDCG0NR0	Grigio Chiaro Naturale			F60PDCG0NR0	Grigio Chiaro Naturale
	F14PDCG1NR0	Grigio Medio Naturale			F60PDCG1NR0	Grigio Medio Naturale
	F14PDCG2NR0	Grigio Scuro Naturale			F60PDCG2NR0	Grigio Scuro Naturale
	F14PDCB0PR0	Beige Chiaro Lappato in cresta			F60PDCB0PR0	Beige Chiaro Lappato in cresta
	F14PDCB1PR0	Beige Medio Lappato in cresta			F60PDCB1PR0	Beige Medio Lappato in cresta
	F14PDCB2PR0	Beige Scuro Lappato in cresta			F60PDCB2PR0	Beige Scuro Lappato in cresta
	F14PDCG0PR0	Grigio Chiaro Lappato in cresta			F60PDCG0PR0	Grigio Chiaro Lappato in cresta
	F14PDCG1PR0	Grigio Medio Lappato in cresta			F60PDCG1PR0	Grigio Medio Lappato in cresta
	F14PDCG2PR0	Grigio Scuro Lappato in cresta		60x60 cm	F60PDCG2PR0	Grigio Scuro Lappato in cresta
120x240 cm	F14PDCB0BR0	Poigo Chiaro Possiardato			F60PDCB0BR0	Poigo Chiaro Possiardato
	F14PDCB0BR0	Beige Chiaro Bocciardato Beige Medio Bocciardato			F60PDCB0BR0	Beige Chiaro Bocciardato Beige Medio Bocciardato
	F14PDCB2BR0	Beige Scuro Bocciardato			F60PDCB2BR0	Beige Scuro Bocciardato
	F14PDCG0BR0	Grigio Chiaro Bocciardato			F60PDCG0BR0	Grigio Chiaro Bocciardato
	F14PDCG1BR0	Grigio Medio Bocciardato			F60PDCG1BR0	Grigio Medio Bocciardato
	F14PDCG2BR0	Grigio Scuro Bocciardato			F60PDCG2BR0	Grigio Scuro Bocciardato
			_			
	F12PDCB0NR0	Beige Chiaro Naturale			F63PDCB0NR0	Beige Chiaro Naturale
	F12PDCB1NR0	Beige Medio Naturale			F63PDCB1NR0	Beige Medio Naturale
	F12PDCB2NR0 F12PDCG0NR0	Beige Scuro Naturale Grigio Chiaro Naturale			F63PDCB2NR0 F63PDCG0NR0	Beige Scuro Naturale Grigio Chiaro Naturale
	F12PDCG0NR0	Grigio Medio Naturale			F63PDCG1NR0	Grigio Medio Naturale
	F12PDCG2NR0	Grigio Scuro Naturale			F63PDCG2NR0	Grigio Scuro Naturale
	F12PDCB0PR0	Beige Chiaro Lappato in cresta			F63PDCB0PR0	Beige Chiaro Lappato in cresta
	F12PDCB1PR0	Beige Medio Lappato in cresta			F63PDCB1PR0	Beige Medio Lappato in cresta
	F12PDCB2PR0	Beige Scuro Lappato in cresta			F63PDCB2PR0	Beige Scuro Lappato in cresta
	F12PDCG0PR0	Grigio Chiaro Lappato in cresta			F63PDCG0PR0	Grigio Chiaro Lappato in cresta
	F12PDCG1PR0	Grigio Medio Lappato in cresta		30x60 cm	F63PDCG1PR0	Grigio Medio Lappato in cresta
	F12PDCG2PR0	Grigio Scuro Lappato in cresta			F63PDCG2PR0	Grigio Scuro Lappato in cresta
120x120 cm	F12PDCB0BR0	Beige Chiaro Bocciardato			F63PDCB0BR0	Beige Chiaro Bocciardato
	F12PDCB1BR0	Beige Medio Bocciardato			F63PDCB1BR0	Beige Medio Bocciardato
	F12PDCB2BR0	Beige Scuro Bocciardato			F63PDCB2BR0	Beige Scuro Bocciardato
	F12PDCG0BR0	Grigio Chiaro Bocciardato			F63PDCG0BR0	Grigio Chiaro Bocciardato
	F12PDCG1BR0	Grigio Medio Bocciardato			F63PDCG1BR0	Grigio Medio Bocciardato
	F12PDCG2BR0	Grigio Scuro Bocciardato			F63PDCG2BR0	Grigio Scuro Bocciardato
	F62PDCB0NR0	Beige Chiaro Naturale	_			
	F62PDCB1NR0	Beige Medio Naturale				
	F62PDCB2NR0	Beige Scuro Naturale				
	F62PDCG0NR0	Grigio Chiaro Naturale				
	F62PDCG1NR0	Grigio Medio Naturale				
	F62PDCG2NR0	Grigio Scuro Naturale				
[]	F62PDCB0PR0	Beige Chiaro Lappato in cresta				
	F62PDCB1PR0	Beige Medio Lappato in cresta				
	F62PDCB2PR0	Beige Scuro Lappato in cresta				
	F62PDCG0PR0	Grigio Chiaro Lappato in cresta				
	F62PDCG1PR0	Grigio Medio Lappato in cresta				
60x120 cm	F62PDCG2PR0	Grigio Scuro Lappato in cresta				
	F62PDCB0BR0	Beige Chiaro Bocciardato				
	F62PDCB1BR0	Beige Medio Bocciardato				
	F62PDCB2BR0	Beige Scuro Bocciardato				
	F62PDCG0BR0	Grigio Chiaro Bocciardato				
	F62PDCG1BR0	Grigio Medio Bocciardato				
	F62PDCG2BR0	Grigio Scuro Bocciardato				
			_			

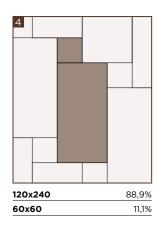
STONE | Pietra del Cardoso

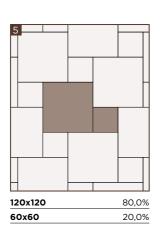
Surface pattern options











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.





STONE Runa

Runa collection brings the essence of the noble and sophisticate character of the slates found in the countryside, villages and historical cities of Northern Europe. Stones that blend harmoniously with the elements of nature in a very contemporary style.

Though these stones are common in Europe, finding the nicest one is not easy.

Nexion has worked to recreate the taste of those suggestive slates that blend naturally in the architectural works of contemporary urban contexts. By the perfection of design and the hands of skilled craftsmen, Nexion has given to the surface of Runa the character of the best natural stones, strong at sight and gentle at touch.

The result is a ceramic collection that returns the sober and harmonious elegance of slates with a modern and dynamic mood. A collection that brings the best of the inspiring Italian contemporary design to any type of ambience and location.





STONE | Runa



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

Grigio Chiaro

Grigio Scuro





Beige





Finish to recreate the taste of _suggestive natural stone.







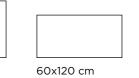




120x240 cm

80x160 cm

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





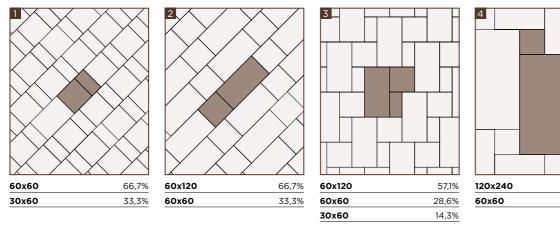


60x60 cm 30x60 cm

STONE | Runa

SIZE	CODE	COLOUR/DESIGN
120x240 cm	F14RNAGONRO F14RNAG1NRO F14RNABONRO F14RNAKONRO	Grigio Chiaro Grigio Scuro Beige Nero
80x160 cm	F86RNAGONRO F86RNAG1NRO F86RNABONRO F86RNAKONRO	Grigio Chiaro Grigio Scuro Beige Nero
60x120 cm	F62RNAGONRO F62RNAG1NRO F62RNABONRO F62RNAKONRO	Grigio Chiaro Grigio Scuro Beige Nero
60x60 cm	F60RNAGONRO F60RNAG1NRO F60RNABONRO F60RNAKONRO	Grigio Chiaro Grigio Scuro Beige Nero
 30x60 cm	F63RNAGONRO F63RNAG1NRO F63RNABONRO F63RNAKONRO	Grigio Chiaro Grigio Scuro Beige Nero

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.

88,9%

11,1%



Nexion interprets Travertine

4



-

SSICO

TRAVERTINE

The Travertine collection conveys the deep flavor of the homonymous sedimentary rock, with a very porous consistency, used in ancient Rome to enrich monuments and private residences. Rediscovered in the following centuries, Travertine became symbol of Baroque architectural treasures that can still be admired today in Rome and in many other Italian cities.

Thanks to its raw materials knowledge, and perfected the most advanced polishing techniques, Nexion devised a new deep and transparent surface reinterpreting the beauty of Travertine vein cut, a technique that has been used since ancient times to make veins visible.

The result is a collection that attributes a contemporary personality to a stone of great prestige, a symbol of timeless beauty that keeps its charm intact over the centuries. A collection that brings the best inspiration of contemporary Italian design in every type of setting and context.



Inspiration

interpretation of marble, in _an elegant and suggestive tone.

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

Veincut Beige

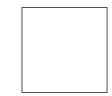




Lappato Matt







120x240 cm

120x120 cm

Full Lappato



120x240 cm | 120x120 cm | 80x160 cm | 60x120 cm



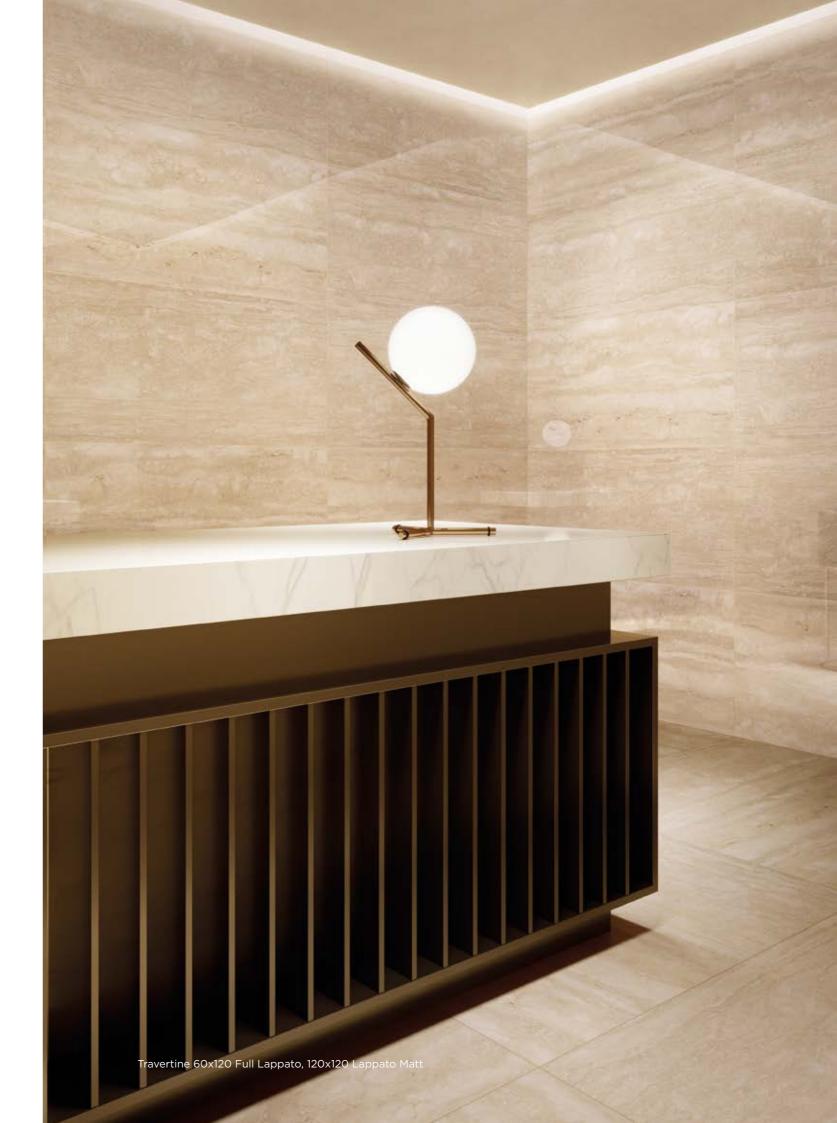
60x120 cm

TRAVERTINE

SIZE	CODE	COLOUR/DESIGN
	F14TRTBOYRO	Veincut Beige Lappato Matt
120x240 cm	F14TRTB0LR0	Veincut Beige Full Lappato
	F12TRTB0YR0	Veincut Beige Lappato Matt
120x120 cm	F12TRTB0LR0	Veincut Beige Full Lappato
	F86TRTB0YR0	Veincut Beige Lappato Matt
80x160 cm	F86TRTB0LR0	Veincut Beige Full Lappato
	F62TRTB0YR0	Veincut Beige Lappato Matt
60x120 cm	F62TRTB0LR0	Veincut Beige Full Lappato

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 interprets Concrete



INTERIORS



YOI

VEV

rtia

CONCRETE | Endless

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.





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

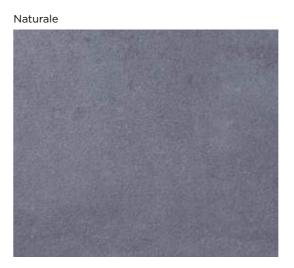
Nero

Grigio





Finish to convey the expressive power of concrete.



Sizes sizes to create	
an "endless" surface	120x240 cm
120x240 cm	120x120 cm

80x160 cm

80x80 cm







0x120 cm | 80x160 cm | 60x120 cm | 80x80 cm | 60x60 cm | 30x60 cm

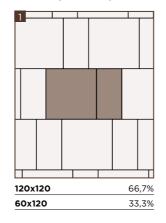


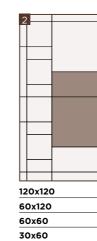


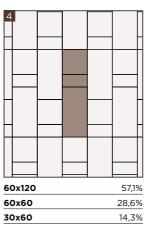
CONCRETE | Endless

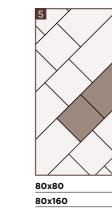
	0005	
SIZE	CODE	COLOUR/DESIGN
	F14ENDKONRO	Nero
	F14ENDG0NR0	Grigio
	F14ENDA0NR0	Bianco
		Avorio
	F14ENDB1NR0	
	F14ENDB0NR0	Beige
	F14ENDF0NR0	Taupe
120x240 cm		
	F12ENDKONRO	Nero
	F12ENDG0NR0	Grigio
	F12ENDAONRO	Bianco
	F12ENDB1NR0	Avorio
	F12ENDBONRO	Beige
	F12ENDF0NR0	Taupe
120x240 cm		
	F86ENDKONRO	Nero
	F86ENDG0NR0	Grigio
	F86ENDA0NR0	Bianco
	F86ENDB1NR0	Avorio
	F86ENDB0NR0	Beige
80.460 cm	F86ENDF0NR0	Taupe
80x160 cm		
	F62ENDKONRO	Nero
	F62ENDGONRO	Grigio
	F62ENDA0NR0	Bianco
	F62ENDB1NR0	Avorio
	F62ENDB0NR0	Beige
60x120 cm	F62ENDF0NR0	Taupe
	F80ENDK0NR0	Nero
	F80ENDG0NR0	
		Grigio
	F80ENDA0NR0	Bianco
	F80ENDB1NR0	Avorio
	F80ENDB0NR0	Beige
	F80ENDF0NR0	Taupe
80x80 cm		
	EGOENDKONDO	Nero
	F60ENDKONR0	
	F60ENDG0NR0	Grigio
	F60ENDA0NR0	Bianco
	F60ENDB1NR0	Avorio
	F60ENDB0NR0	Beige
60x60 cm	F60ENDF0NR0	Taupe
		·
	EGZENDIZONDO	Noro
	F63ENDKONRO	Nero
	F63ENDG0NR0	Grigio
	F63ENDA0NR0	Bianco
	F63ENDB1NR0	Avorio
30x60 cm	F63ENDB0NR0	Beige
	F63ENDF0NR0	Taupe

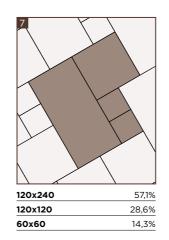
Surface pattern options





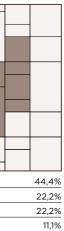




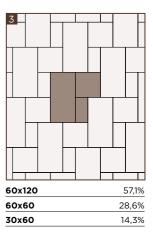


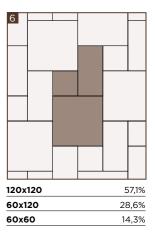
Nexion installation suggestions

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.











Bianco 120x120 - Avorio 60x120



Nexion interprets Wood







WOOD | Essenze

Essenze brings the intense taste of four precious woods that are highly appreciated in the architectural field for their ability to combine solidity and durability with refined natural elegance. Through extensive researches, Nexion has selected some of the most renowned varieties of Eucalyptus, Walnut, Middle Oak and Tortora Oak, characterized by fascinating patterns of knots, veins, nuances and other natural elements.

Inspired by their beauty, Nexion has devised a new sintered surface that transmits all the wood warmth and elevate its technical features. Among those, this surface is extremely durable, highly resistant to chemicals, stains and abrasions which makes it particularly suitable for high traffic public spaces. Essenze is offered in 20x120 size to be even more bonded to its natural inspiration.

The result is a collection that interprets the spontaneous and authentic charm of prestigious essences with a modern language, making it functional to the realization of the most ambitious projects. Essenze brings the best inspiration of contemporary Italian design in every type of space and setting.







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

Rovere Chiaro



Noce



Rovere Tortora



Eucalipto



Finish to evoke the authentic taste of natural wood.





20x120 cm

20x120 cm

wood | Essenze

SIZE	CODE	COLOUR/DESIGN
 20x120 cm	F22ESZBONRO F22ESZFONRO F22ESZG1NRO F22ESZF1NRO	Rovere Chiaro Noce Rovere Tortora Eucalipto

Rovere Chiaro



Noce



Rovere Tortora



Eucalipto



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.



wood | Coniwood

Coniwood collection brings the peaceful and elegant essence of the trees that make up the fascinating coniferous forests of Europe. Trees that stand out for the natural flavor of the wood they are made of, that conveys an intense sense of warmth and comfort and a refined time-worn feel.

Not all woods transmit the same sensation of immediate and instinctive elegance. Through accurate research, Nexion has selected the some of the nicest exemplars in the European coniferous forests, unique in their warm tones, intense nuances, and suggestive vein patterns. Inspired by them, Nexion carefully worked out designs that make long planks look beautiful and created natural surfaces by the hands of skilled craftsmen.

The result is a ceramic collection of that returns all the natural flavor, at sight and touch, of natural wood, in an eye-catching contemporary style. A collection that brings the best of the inspiring Italian contemporary design to any type of ambience and location.





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

Cedro Sbiancato



Pino



Abete



Larice



Larice Ossidato



Abete Tinto



Finish to transmit all the wood warmth in every location.



Sizes
varieties of long planks to ensure versatility and strengthen the bond with the source inspirationa

30x240 cm	30x160 cm
20x240 cm	20x160 cm

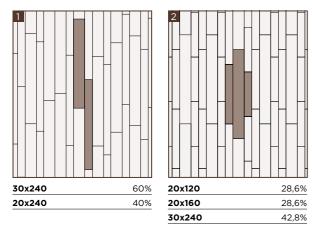
spirational. 30x240 cm | 20x240 cm | 30x160 cm | 20x160 cm | 20x120 cm

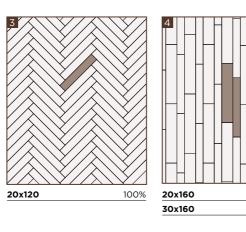
]			
-	20x120 cm		

wood | Coniwood

SIZE	CODE	COLOUR/DESIGN
30x240 cm	F34CNWAONRO F34CNWBONRO F34CNWBINRO F34CNWCONRO F34CNWGONRO F34CNWKONRO	Cedro Sbiancato Pino Abete Larice Larice Ossidato Abete Tinto
20x240 cm	F24CNWA0NR0 F24CNWB0NR0 F24CNWB1NR0 F24CNWC0NR0 F24CNWG0NR0 F24CNWK0NR0	Cedro Sbiancato Pino Abete Larice Larice Ossidato Abete Tinto
30x160 cm		Cedro Sbiancato Pino Abete Larice Larice Ossidato Abete Tinto
20x160 cm	F26CNWAONRO F26CNWBONRO F26CNWB1NRO F26CNWCONRO F26CNWGONRO F26CNWKONRO	Cedro Sbiancato Pino Abete Larice Larice Ossidato Abete Tinto
20x120 cm	F22CNWAONRO F22CNWBONRO F22CNWBINRO F22CNWCONRO F22CNWGONRO F22CNWKONRO	Cedro Sbiancato Pino Abete Larice Larice Ossidato Abete Tinto

Surface pattern options





40%

60%

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.

Cedro Sbiancato



Abete



Larice Ossidato



Pino



Larice



Abete Tinto





Larice Ossidato 20x240, 30x240





Nexion interprets Terracotta



Collections

TERRACOTTA

The inspiration for the Terracotta collection is self-explanatory. The most ancient ceramic material, terracotta - with its characteristic reddish hue and porous consistency - has been used since the dawn of time, in all civilisations, and continues to find contemporary applications. An underlying theme that has accompanied the entire history of humanity, allowing the production of buildings, tools, sculptures, and other artistic creations.

Using its extensive knowledge of the raw material and its equal production mastery, Nexion has chosen a type of terracotta widely used in Italy for the construction of its world-renowned old towns, recreating the colour tones and surface finishes down to the smallest details, with three appealing colour options offering different levels of light.

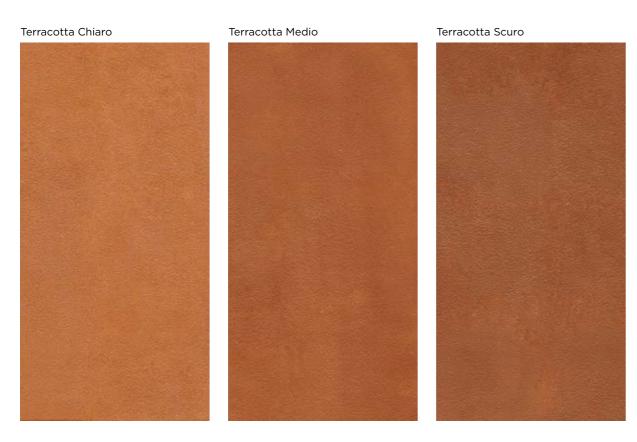
The result is a collection that offers the unique personality of an archetypal material with a contemporary language and excellent technical qualities (strength and longevity), making it ideal for complex and challenging architectural projects. A collection that brings with it inspiration from the best of contemporary Italian design, in all settings and circumstances.



TERRACOTTA



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



Finish

a surface of natural aptitude _suitable for all design spaces.



Size

for a modern, versatile, and modular design

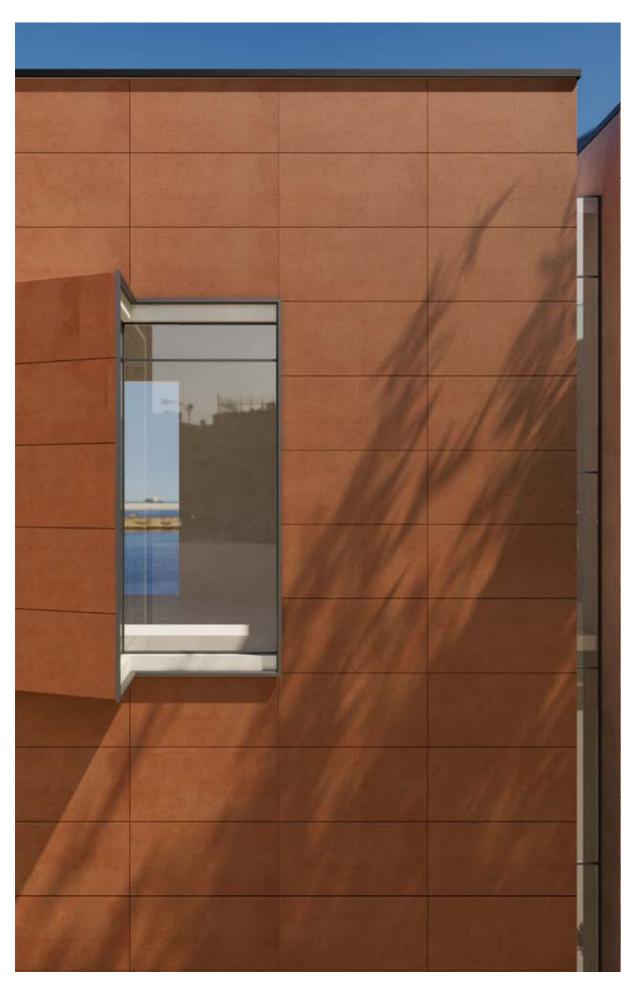
60x120 cm

SIZE	CODE	COLOUR/DESIGN
60x120 cm	F62TERCONRO F62TERC1NRO F62TERC2NRO	Terracotta Chiaro Terracotta Medio Terracotta Scuro

Nexion installation suggestions for floor applications

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. 60x120 cm





Terracotta Scuro 60x120



Technical info

Nexion Technical info

Nexion is committed to offer to customers the finest Italian ceramic design and quality. Driven by a sense of partnership with those who have decided to promote and sell Nexion branded products, we are also committed to help dealers and sales representatives to be successful in their business.



This Catalogue has been designed to help professional sales representatives to get the best possible understanding of the unique characteristics of Nexion's collections, to the benefit of the advice they give to households, architects and developers and for the best performance of their business.



Nexion's focus on quality

Surface aesthetics

While physical and chemical characteristics are described by norms and are measured objectively, aesthetical quality is left to individual company practices.

This might be an issue for customers, as aesthetical characteristics – such as realism of colors and absence of defects and shade variations – are very important for the beauty of flooring and wall surfaces.

To guarantee the best possible quality to customers, Nexion has devised innovative procedures and instruments that guarantee the absence of defects and full compliance of products with what Nexion designers meant to achieve when they created Pompeii Marble.

The pillars of Nexion's proprietary procedures to assess slabs aesthetics are the Surface Reflection Control System (SRCS) to control of perfect, mirror-like reflection of full lappato surfaces and the

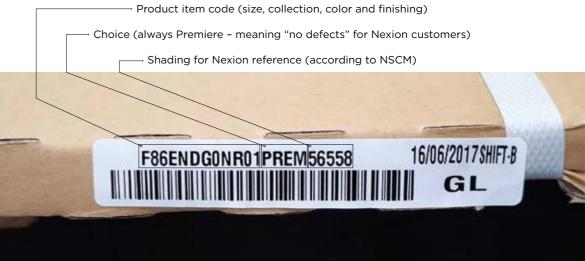
Shade Control Methodology (NSCM) to guarantee the absence of any defect in graphics and design, as well as unwanted shade variations with reference to the designer's master slab.

Consistently applied, these procedure guarantee that all tiles supplied by Nexion have the same unique aesthetics, irrespective of production batches. A great value to customers.

Shade Control Methodology



Label:





Nexion's focus on quality

Quality assurance procedures

Superior physical and chemical characteristics – together with beautiful aesthetics – are the distinguishing feature of Pompeii Marble, as of all Nexion collections.

To achieve the highest quality standards Nexion exploits decades of experience at both Ceramiche Speranza in Italy and Aghara family in India and devotes significant resources to continuous improvement.

Nexion's plant in India – the only one co-owned by an Italian and an Indian company – exploits the latest Italian machinery to manufacture high quality slabs and large size tiles.

The plant has a very high degree of automation, as required to consistently achieve the high levels of quality demanded by sophisticated customers in India and internationally. According to the best practice, quality standards refer to the norms included in ISO 13006: Annex G - EN 14411 and all tests are carried out by renowned laboratories in Italy, accredited according to ISO/IEC 17025:2005.

At the plant, Nexion runs tests on all raw materials, semi-finished goods and endproducts through the whole production process, under coordination of the Quality Assurance Department.

To get the best possible result, the company has devised an integrated set of rules, named **Nexion Quality Assurance Procedures** (NQAP), to control all aspects of slabs manufacturing, that determine the physical and chemical characteristics of products.



NQAP include measurement processes, benckmark values and operating procedures for:

- Chemical characteristics of raw materials, asking for every single shipment is tested before the raw material enters into production process.
- Intrinsic physical properties of slabs and tiles, such as caliber and dimensions, orthogonality, planarity, water absorption and breaking strength.
- Usage-related properties of products, such as resistance to scratch and abrasion, thermal shock resistance, resistance to acid, stains, household chemicals and slippery.





Nexion's focus on quality

Parameters of physical & chemical quality

Though the main focus of customers is on aesthetics, physical features and chemical properties of slabs and tiles are very important for the eventual result of any surface installation and, in the end, for customer's satisfaction.

Physical features are important for the ease and quality of installation and for some aspects of durability, in particular with slabs and large size tiles, that cannot be installed properly if their geometry is not perfect and that might break if not flexible enough (contrary to conventional belief, a slab is more robust if flexible rather than rigid).

The key physical features are:

• The sharpness and regularity of geometrical dimensions, as weel as the overall surface quality (for whose assessment Nexion has devised a proprietary set of procedures – described in the next section – that goes well beyond ISO norms) • The physical properties that affect installation and durability.

Chemical properties are important for maintenance and other aspects of surface durability, as they determine resistance to stain and acids, as well as cleanability.

QUALITY ITEMS	TECHNICAL FEATURE	STANDARD METHOD ISO	REQUIREMENTS		NEXION	l Values
			%	mm	%	mm
	LENGH AND WIDTH		±0,6%	±2,0	±0,2%	±2,0
DIMENSIONS	THICKNESS		±5%	±0,5	±5%	±0,5
	STRAIGHTNESS OF SIDES		±0,5%	±1,5	±0,2%	±1,5
AND SURFACE	RECTANGULARITY	UNI EN ISO 10545-2	±0,5%	±2,0	±0,33%	±1,5
QUALITY	FLATNESS		±0,5%	±2,0	±0,26%	±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	E⊾≤0,5% Individual maximum : 0,6% (absorbed water mass)		Compliant	
	BREAKING STRENGTH		Min 1300 N		≥ 1800 N	
	MODULUS OF RUPTURE	UNI EN ISO 10545-4	R ≥ 35 N/mm² Not applicable to tiles with breaking strength ≥ 3000 N		R ≥ 35 N/mm²	
	FROST RESISTANCE	UNI EN ISO 10545-12	Required		Compliant	
	COEFFICIENT OF LINEAR THERMAL EXPANSION FROM AMBIENT TEMPERATURE TO 100° C (K ⁻¹)	ISO 10545-8	Req	uired	6 x 10 ⁻⁶	K ⁻¹ max

Dimension and surface characteristics The first four parameters measure the geometry of slabs and tiles.

Flatness measures the perfect alignment of the edges, the corners and the center of the tile. It is very important to achieve a perfectly flat floor or wall.

Nexion's products have very high flatness, perfect straightness of sides and all the same caliber, allowing high quality installation of slabs and large size tiles, in single and multiple size patterns.

Surface quality demands that a sample of at least 25 tiles is free of any defects when watched under a light of 300 lux, from a distance of 1 meter.

The very generic nature of this standard is the reason why Nexion has devised its own procedures to assess the aesthetical quality of slabs and tiles.

Intrinsic physical properties

Water absorption indicates the mass of water absorbed under immersion and boiling. A very low value, characteristic of high quality tiles, is needed to avoid patches in the surface due to humidity emerging from the laying bed.

Nexion has very low water absorbtion, in line with the best tiles made in Italy.

Breaking strength and module of rupture

indicate the tiles' resistance to flexion and loads. High values mean that slabs and tiles will not break under weight, with requirements depending on the application (residential, commercial, industrial ...).

The high breaking strength of Nexion's slabs and large size tiles guarantee safe and long lasting installation.

Frost resistance, coefficient of linear

thermal expansion consider the temperature variables that the ceramic material can be subjected. These tests consider extreme hot-cold environmental situations that may be present in outdoor installation.

Thanks to thermal characteristics, Nexion slabs and tiles can be safely used in exterior.



Ne	xion's focus	
on	quality	

Parameters of physical & chemical quality

User related physical properties

Scratch hardness, expressed with the Mohs scale, is the resistance of the surface to incision and scratching, a very important features for customers. According to EN 101 norm, tiles are classified from 1 to 10 based on the hardness of minerals used to scratch them (Mohs is 1 Talc - 2 Gypsum - 3 Calcite - 4 Fluorspar - 5 Apatite - 6 Feldspar - 7 Quartz - 8 Topaz - 9 Corundum - 10 Diamond). The highest is the value, the lowest is the risk of scratching or incision.

Surface abrasion resistance determines resistance of the glaze surface to wear and tear. According to ISO 10545-7 standard, tiles are divided into five grades depending on their destination of use (residential, commergial light traffic, collercial heavy traffic...). PEI 1 corresponds to the lowest resistance and PEI 5 corresponds to the most resistant tiles. Nexion meets the highest standards in the industry and always advice clients on the most suitable products to use when the project requirements are highly demanding (as for heavy traffic public spaces).

QUALITY ITEMS	TECHNICAL FEATURE	STANDARD METHOD ISO	REQUIREMENTS	NEXION Values
PHYSICAL PROPERTIES	SCRATCH HARDNESS (Mohs scale)	EN 101	Declared by the producer	Min 4
CHEMICAL PROPERTIES	RESISTANCE TO STAINING	UNI EN ISO 10545-14	Minimum Class 3	4-5
	RESISTANCE TO HOUSEHOLD CHEMICALS AND SWIMMING POOL SALTS	UNI EN ISO 10545-13	Minimum GB	GA (No visible effect)
	RESISTANCE TO HIGH AND LOW CONCENTRATIONS OF ACIDS AND ALKALIS		To be reported	GLA - GHA (No visible effect)
	SLIP RESISTANCE		Declared by the producer	N. A.

User related chemical properties

Resistance to staining is a key features for customers in both residential and commercial applications. To measure it, staining agents are left on the ceramic surface for 24 hours in at least five test samples. After that time, removal of the staining agents takes place in successive stages using a variety of cleaning agents and procedures;

- Class 5: stains removed with hot water
- Class 4: stains removed with a weak commercial cleaner
- Class 3: stains removed with strong commercial cleaning agents
- Class 2: stains removed with solvents such as acetone.

According to norms, ceramic tiles must reach at least Class 3. Nexion slabs and tiles are top quality Class 5 products, a very important feature for all customers.

Resistance to household chemicals and swimming pool salts is the ability of the glaze to tolerate contact with chemicals (domestic, sanding, swimming pool, acid and base additives) at room temperature without any alteration of appearance.

Resistance to high and low concentrations of acids and alkalis.

Nexion products show the best results, with no any visible alteration slabs and tiles surface.