

STONE | Pietra del Cardoso



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 Surfaces, 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 marble in different elegant and suggestive tones.

1 Size

to exploit all architectural and creative potential. 60x120 cm

2 Finishes

to find the most indicate surface for every location.

R9, R11 and R12 finishes on request



Beige Chiaro 60X120 cm
F62PDCB0PRO Lappato in Cresta



Beige Chiaro 60X120 cm
F62PDCB0NRO Naturale



Beige Medio 60X120 cm
F62PDCB1PRO Lappato in Cresta



Beige Medio 60X120 cm
F62PDCB1NRO Naturale



Beige Scuro 60X120 cm
F62PDCB2PRO Lappato in Cresta



Beige Scuro 60X120 cm
F62PDCB2NRO Naturale



Grigio Chiaro 60X120 cm
F62PDCG0PRO Lappato in Cresta



Grigio Chiaro 60X120 cm
F62PDCG0NRO Naturale



Grigio Medio 60X120 cm
F62PDCG1PRO Lappato in Cresta



Grigio Medio 60X120 cm
F62PDCG1NRO Naturale



Grigio Scuro 60X120 cm
F62PDCG2PRO Lappato in Cresta



Grigio Scuro 60x120 cm
F62PDCG2NRO Naturale

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 colored pigments in contrast with the color of the tiles.

For detailed installation guidelines log on www.nexiontiles.com

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) Ex. 9.5% GROUP Bla | 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/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 | - | - | 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 | 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 | ANSI A1371 DIN 51130 | - | As declared by the Manufacturer | DCOF > 0,51 R-10 | | | | |
| Small color differences | ISO 10545 - 16 | - | Plain colored tiles only where required 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 | Thickness mm | Pcs. x box | Sq. mt x box | Weight x box (Kg) |
|---------|--------------|------------|--------------|-------------------|
| 60x120 | 9 | 2 | 1,43 | 30,00 |

Size

| Nominal Size cm | Actual Size cm |
|-----------------|----------------|
| 60x120 | 59,8x119,8 |

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 |
|---------|--------------|------------|--------------|-------------------|--------------|------------------|---------------|
| 60x120 | 9 | 2 | 1,43 | 30,00 | 32,00 | 45,82 | 1003,00 |



