



SARDINIA

THE BEAUTY OF HERITAGE  NIRO GRANITE®

FULL BODY PORCELAIN TILE



Paralleling home with legacy, Sardinia is the pure manifestation of heritage by bringing the beauty of Mother Nature to home. Sardinia, Italy is the second largest island in the Mediterranean Sea with its rocks dated from the Paleozoic era.

format available • 60cm x 60cm • 60cm x 30cm surface available • matt • lappato

SARDINIA
THE BEAUTY OF HERITAGE 



SARDINIA
THE BEAUTY OF HERITAGE 

The Sardinia series from Niro Granite is a full body porcelain tile that oozes the historical design and sensations of the rocks from Sardinia and available in lappato and matt surfaces.

GSD 01
SARDA BEIGE



60cm x 60cm - MATT / LAPPATO



60cm x 30cm - MATT / LAPPATO

GSD 02
SARDA GIALLA



60cm x 60cm - MATT / LAPPATO



60cm x 30cm - MATT / LAPPATO

GSD 03
SARDO GRIGIO



60cm x 60cm - MATT / LAPPATO



60cm x 30cm - MATT / LAPPATO

GSD 04
SARDO NERO



60cm x 60cm - MATT / LAPPATO



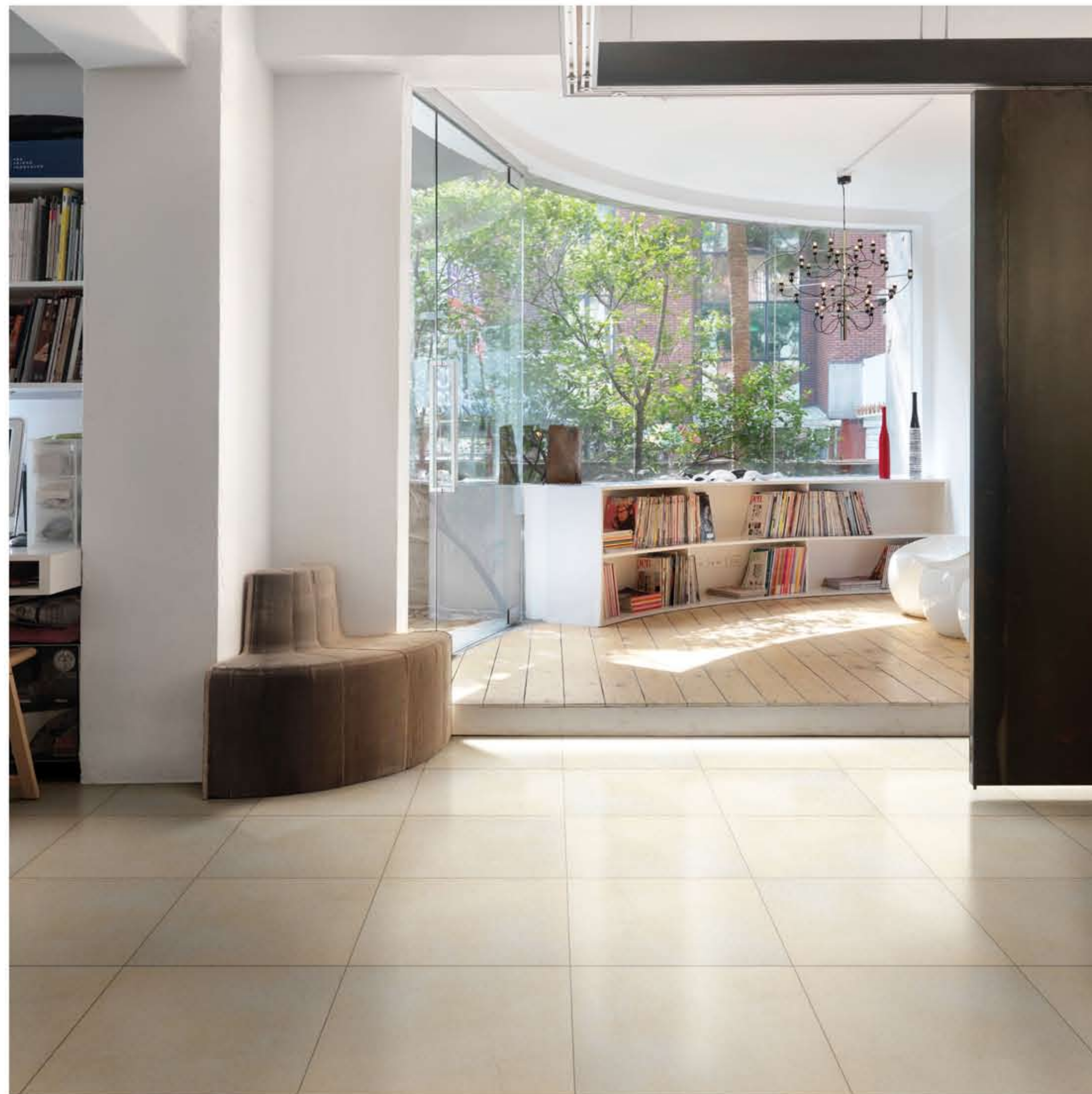
60cm x 30cm - MATT / LAPPATO

SARDINIA

THE BEAUTY OF HERITAGE • NERO GRANITE


Sarda Beige is a neutral color that provides a natural sensation, similar to the color of sand, like the calm and soothing sands found at the coastal island of Sardinia.

GSD 01 | SARDA BEIGE | 60x60cm | MATT SURFACE | IN FEATURED PICTURE [↗](#)





SARDINIA

THE BEAUTY OF HERITAGE  HIRO GRANITE

The vibrant earthy color of Sarda Gialla reminds us of how the rocks and stones in the island of Sardinia being washed by the wave for over 500 million years ago and gives a sense of serenity.

GSD 02 | SARDA GIALLA | 30x60cm + 15x60cm | LAPPATO SURFACE | IN FEATURED PICTURE 



SARDINIA

THE BEAUTY OF HERITAGE • NERO GRANITE

This rocky color symbolize sturdy, distinctive, stylish and mysterious feeling of the island Sardinia. It does not evoke strong emotions as Sardo Grey acts as a neutral color between black and white, which gives a peace of mind in homes and office.

GSD 03 | SARDO GRIGIO | 30x60cm | MATT SURFACE | IN FEATURED PICTURE ➔



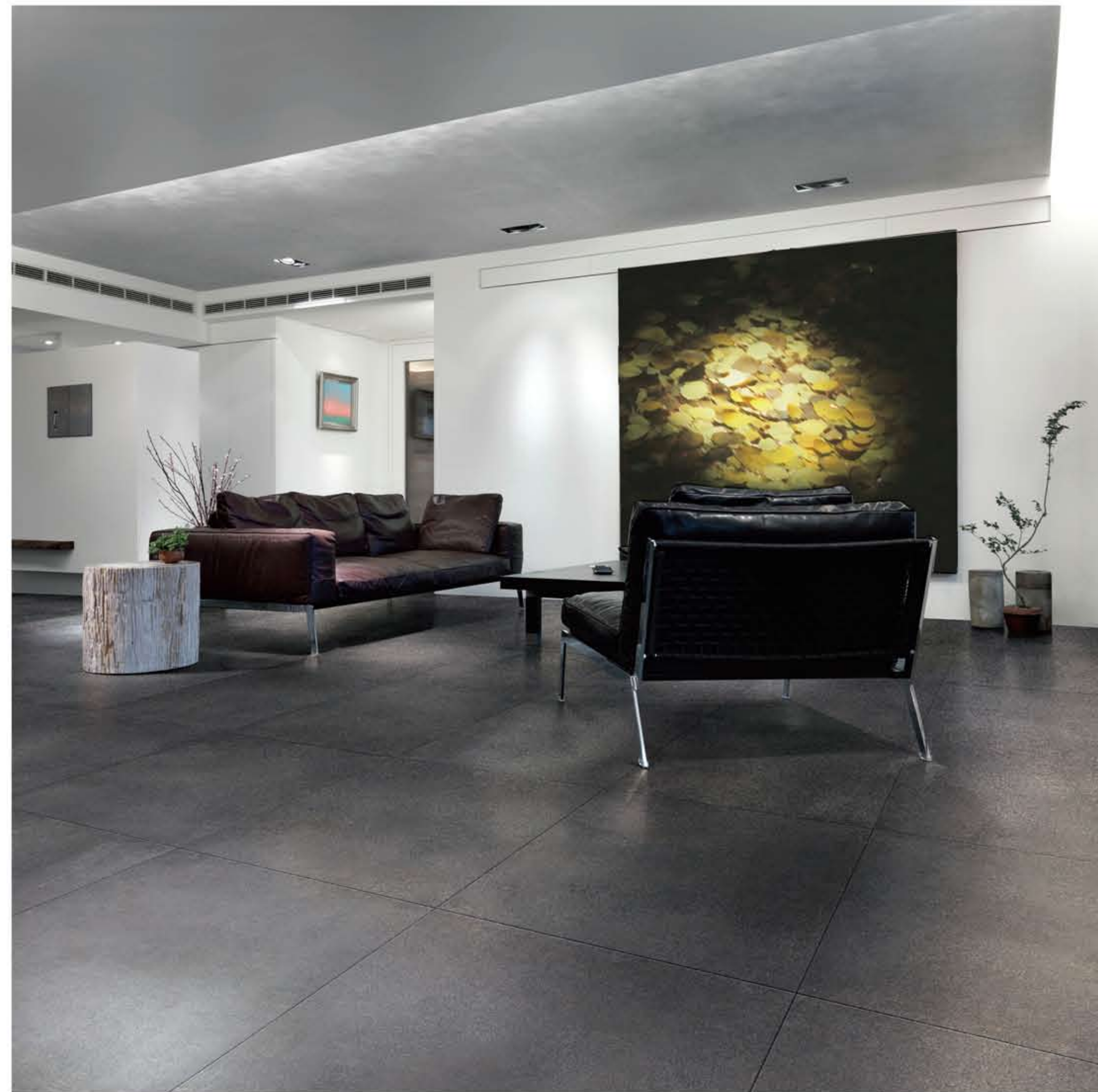


SARDINIA

THE BEAUTY OF HERITAGE • NERO GRANITE

Sardo Black signifies confident and sophistication. This buoyant color is timelessness as it will forever stay in trend and style. The outstanding appearance against backdrops of light and powerful tones represents the magnificence ambience of Sardinia in Italy.

GSD 04 | SARDO NERO | 60x60cm | LAPPATO SURFACE | IN FEATURED PICTURE ➔



TECHNICAL SPECIFICATIONS

Description	Standard Test	Measurement Unit	ISO Standard Requirement	NIRO GRANITE
Length & Width	MS ISO 10545 - 2	mm	± 0.5% Max	± 0.25% Max
Thickness	MS ISO 10545 - 2	mm	± 5.0% Max	± 2.50% Max
Sides Straightness	MS ISO 10545 - 2	mm	± 0.5% Max	± 0.25% Max
Rectangularity	MS ISO 10545 - 2	mm	± 0.6% Max	± 0.30% Max
Flatness: a) Centre Curvature b) Edge Curvature c) Warpage	MS ISO 10545 - 2 MS ISO 10545 - 2 MS ISO 10545 - 2	mm mm mm	± 0.5% Max ± 0.5% Max ± 0.5% Max	± 0.25% Max ± 0.25% Max ± 0.25% Max
Surface Quality	MS ISO 10545 - 2	One major area of tiles	≥ 95% free from visible defect	Comply
Water Absorption	MS ISO 10545 - 3	Mass	≤ 0.5%	≤ 0.25% Max
Modulus of Rupture	MS ISO 10545 - 4	N/mm2	≥ 35 N/mm2	≥ 35 N/mm2
Deep Abrasion	MS ISO 10545 - 6	mm3	≤ 175 mm3	≤ 160 mm3
Surface Abrasion PEI ASTM C1027	MS ISO 10545 - 7	Visual Check	Manuf. to State Abrasion Class, Cycle Passed	Min PEI 3
Crazing Test	MS ISO 10545 - 11	Visual Check	Not Applicable for porcelain tiles	Not Applicable
Frost Resistance	MS ISO 10545 - 12	Visual Check	Required	No Visible Crack
Chemical Resistance (Low Cons.)	MS ISO 10545 - 13	Visual Check	Manuf. to State	Max Visible Change On Cut Side
Chemical Resistance (Household/Swimming Pool)	MS ISO 10545 - 13	Visual Check	Max Visible Change On Cut Side	Max Visible Change On Cut Side
Stain Resistance	MS ISO 10545 - 14	Visual Check	Class 3 Min	Class 3 Min
Coefficient of Friction AS/NZS 4586-1999 App.D.	MS ISO 10545 - 17	Manuf. to State	Manuf. to State	Oil /Wet Ramp (R9 Min)

Each different tiles series are produced to meet different performance requirements. For specific product technical performance, please request from Niro Granite sales team or their agent or distributor.

Colour Variations: Since the colour reproduction in this printed piece will vary from the actual tile colours, final selection should be made from tile samples. Colour, shade and glaze variations may exist due to the inherent characteristics of porcelain tile.



Due to the low porosity of porcelain tiles, an Improved High Performance Cementitious adhesive in accordance to BS EN 12004 & ISO 13007-1 is highly recommended for proper installation. Products that meet this standard are available amongst leading adhesive manufacturers. Please seek expert advice from adhesive manufacturers for proper selection and application.

SHADE AND TONALITIES

V1 UNIFORM FROM TILE TO TILE	V2 SLIGHTLY NOTICEABLE FROM TILE TO TILE	V3 MODERATELY NOTICEABLE FROM TILE TO TILE	V4 DISTINCTLY NOTICEABLE FROM TILE TO TILE
<p>V1 Uniform from tile to tile The range of colours and tones within the same shade is relatively uniform from tile to tile. Minimal to no difference among pieces from the same production run.</p>	<p>V2 Slightly noticeable from tile to tile The range of colours and tones within the same shade is slightly noticeable from tile to tile. Clearly distinguishable differences in design or pattern with similar or slight change in colour tones.</p>	<p>V3 Moderately noticeable from tile to tile The range of colours and tones within the same shade is moderately noticeable from tile to tile. Clearly distinguishable differences in design or pattern.</p>	<p>V4 Distinctly noticeable from tile to tile The range of colours and tones within the same shade is distinctly different from tile to tile. Random colour differences from tile to tile, so that one tile may have totally different colors from that on other tiles. Final installation can be unique.</p>



www.nirogranite.com.my