

WAVE ● the ocean is at your feet

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The ocean is at your feet and home is your sanctuary

Today's hectic lifestyle needs reflections to bring us back to peaceful perspectives and it all starts in the environment we live in. We bring you originality and innovation in tile designs, encompassing visions of the ocean, of ripples and waves reminiscent of therapeutic motions on its surface, where the Sun hits.

Inspired by the natural veins from the Quartzite stone, capturing the right depth and developing on its 3D characteristics, the WAVE series is designed to obtain aesthetic value in any interior architectural solution. WAVE evokes the ocean at your feet in 5 versatile shades to reflect individual preferences and personalities.



WAVE • the ocean is at your feet



GWV01 | WHITE



60 x 60



60 x 30



30 x 10 Mosaic



THE OCEAN IS AT YOUR FEET

The calming effects of the designs make a home a sanctuary, to retire in solace after a busy day at work.



Tranquility in White

Like waves seen in speckles of light on the pond, tiles in this shade of white breathe Spring into your home and work place. Refreshingly pure and innocent with softness in its appeal, it defines the finesse of your individuality in your very own home.

THE OCEAN IS AT YOUR FEET

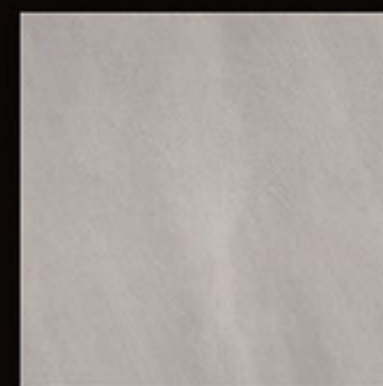
Created to provide depth to textures in tiles, WAVE is contemporary, stylish and is destined to make waves in interior designs.



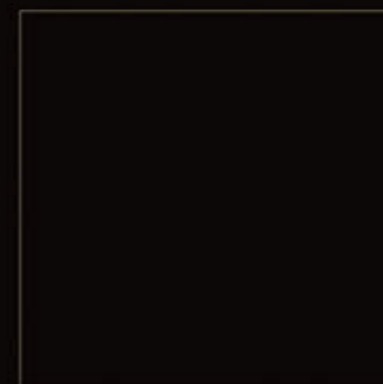
In Harmony with Grey

Grey personifies a gentleman; the persona of a masculine intellectual or the definition of finer feminine astuteness. It denotes a balance which is in harmony with self-confidence, success and steadfastness. The swirls of colour in these waves are timeless in quality, synchronising with other overpowering colours to showcase remarkable facets of creativity in homes.

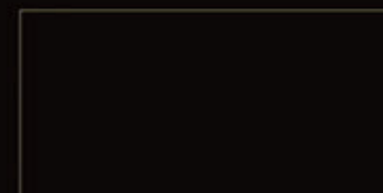
WAVE • the ocean is at your feet



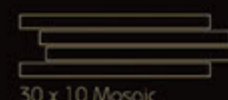
GUW02 | GREY



60 x 60



60 x 30

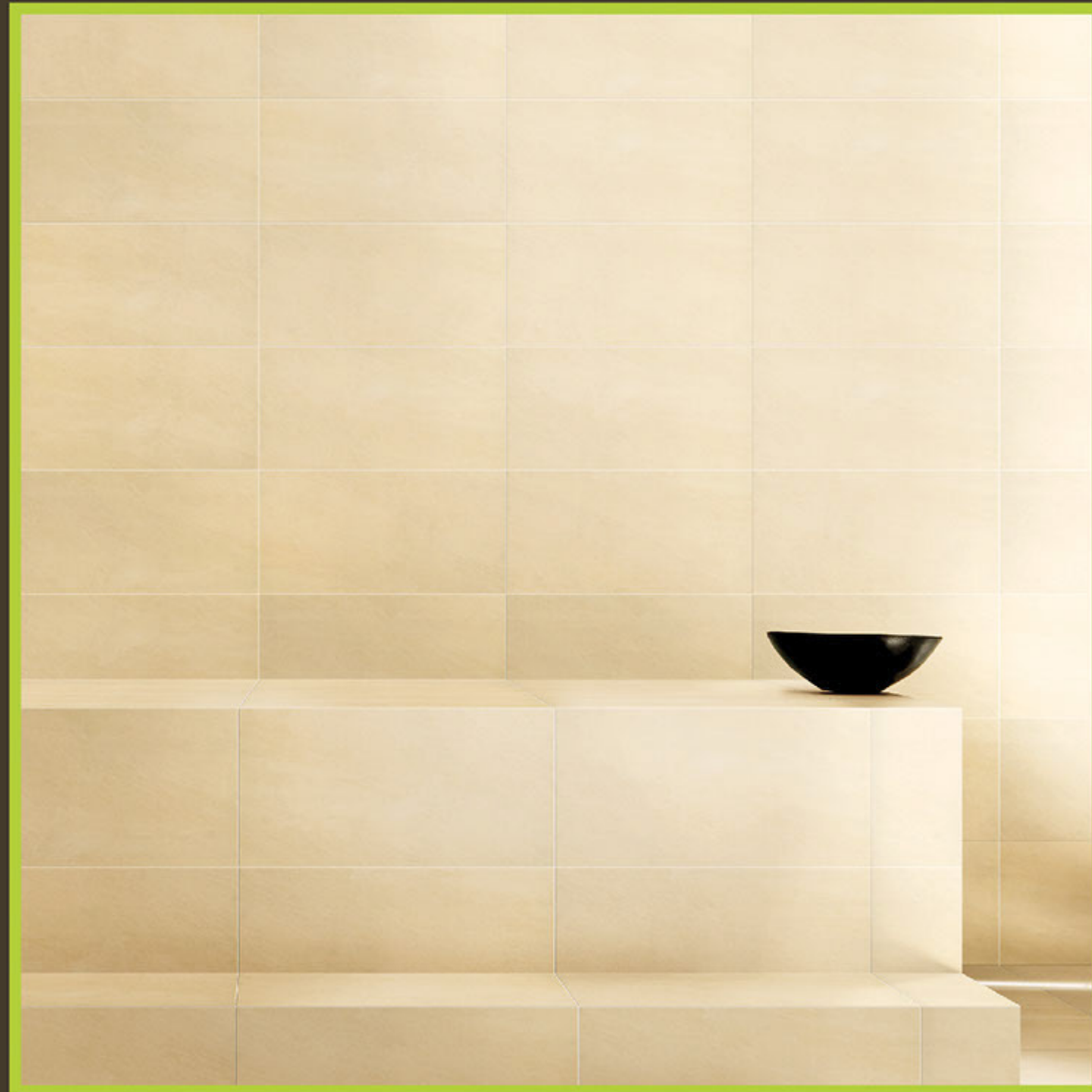


30 x 10 Mosaic



THE OCEAN IS AT YOUR FEET

Mirroring the fluid dynamics of wind upon the water, the tile surfaces remind us of the waves of the open sea, to enjoy visually and to savour meditatively.



Subtle Overtures in Beige

Like a symphony in motion with nature, WAVE in the colour of Beige provides overtures of calmness and relaxation in contrast to a lifestyle that is rushed and frantic. It also echoes the traits of an individual who is cool-headed, collected and focused in life. Beige seldom evokes strong emotion and is flexible in uniting colours that are both warm and cool.



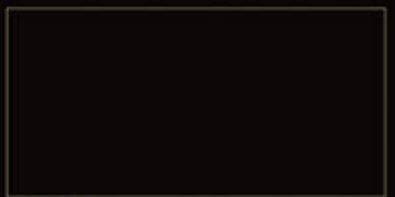
WAVE • the ocean is at your feet



GUW03 | BEIGE



60 x 60



60 x 30



30 x 10 Mosaic



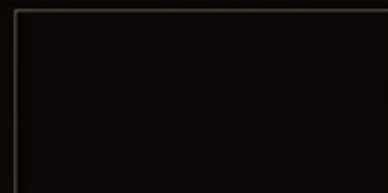
WAVE • the ocean is at your feet



GWV04 | BROWN



60 x 60



60 x 30



30 x 10 Mosaic

THE OCEAN IS AT YOUR FEET

In warm and neutral colours that blend with a kaleidoscope of backgrounds and diverse surroundings, it is versatility unsurpassed.



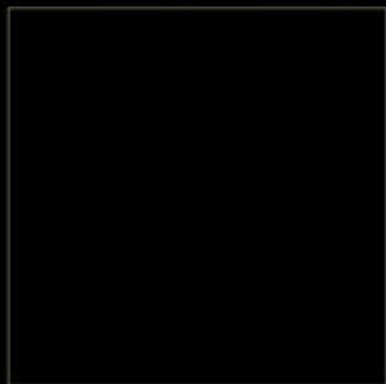
Down-To-Earth with Brown

From images of waves upon a lake in the shadows of majestic mountains, brown epitomizes a natural, down-to-earth quality to homes, characterizing simplicity, wholesomeness, dependability and warmth. It is a haven steeped in the culture and colours of warmth and comfort.

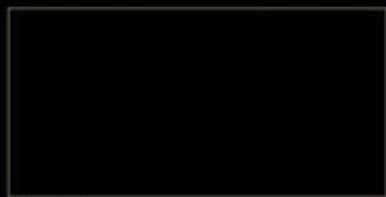
WAVE • the ocean is at your feet



GLUV05 | BLACK



60 x 60



60 x 30



30 x 10 Mosaic



THE OCEAN IS AT YOUR FEET

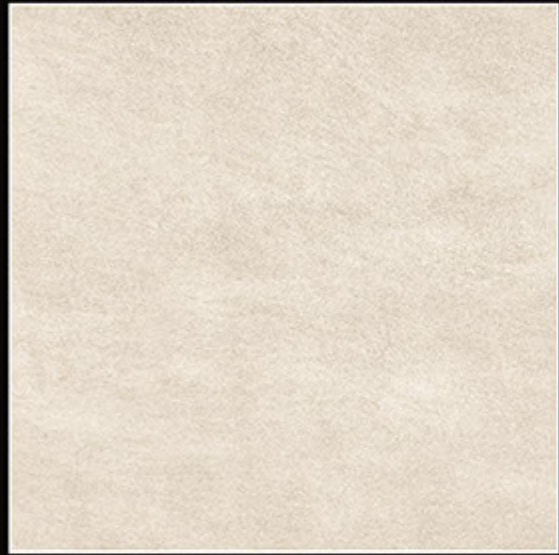
Space has never been this striking as when the curvaceous lines and natural grains of the beautiful WAVE series pave the very ground you thread – a distinction in modern homes



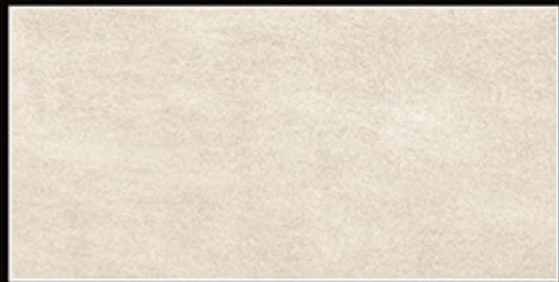
Classics in Black

Stirred by impressions of the deep blue ocean, black is mysterious with a touch of sophistication that is conservative, yet elegant. Classic is its very nature and the colour provides interesting dimensions to space. It is adaptable to any colour, bringing out the best in differing textures and styles in interior decorations.

GWV01 | WHITE



60 x 60



60 x 30

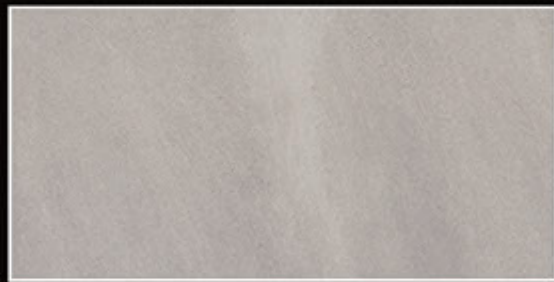


30 x 10 mosaic

GWV02 | GREY



60 x 60



60 x 30

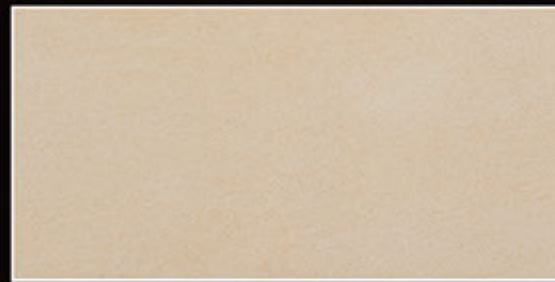


30 x 10 mosaic

GWV03 | BEIGE



60 x 60



60 x 30

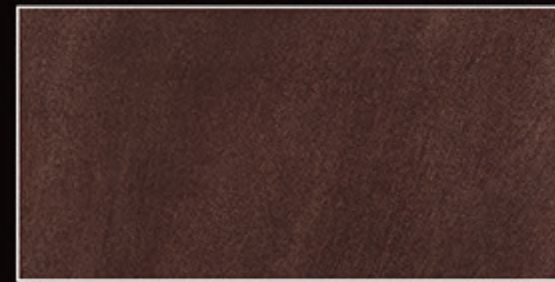


30 x 10 mosaic

GWV04 | BROWN



60 x 60



60 x 30

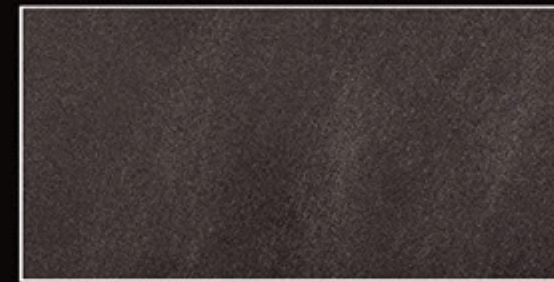


30 x 10 mosaic

GWV05 | BLACK



60 x 60



60 x 30



30 x 10 mosaic

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TECHNICAL SPECIFICATIONS				
DESCRIPTION	STANDARD TEST	MEASUREMENT UNIT	ISO STANDARD REQUIREMENT	NIRO GRANITE
Length & Width	ISO 10545 -2	mm	±0.6% Max	±0.30% Max
Thickness	ISO 10545 -2	mm	±5.0% Max	±5.0% Max
Sides Straightness	ISO 10545 -2	mm	±0.5% Max	±0.25% Max
Rectangularity	ISO 10545 -2	mm	±0.5% Max	±0.25% Max
Flatness: a) Centre Curvature b) Edge Curvature c) Warpage	ISO 10545 -2 ISO 10545 -2 ISO 10545 -2	mm mm mm	±0.5% Max ±0.5% Max ±0.5% Max	±0.20% Max / Max 2.0mm ±0.20% Max / Max 2.0mm ±0.20% Max / Max 2.0mm
Surface Quality	ISO 10545 -2	One Major Area of Tiles	≥ 95% free from visible defect	Comply
Water Absorption	ISO 10545 -3	Mass	≤0.5%	≤0.20%
Breaking Strength	ISO 10545 -4	N	≥ 1300 N	≥ 1300 N
Modulus of Rupture	ISO 10545 -4	N/mm ²	≥ 35 N/mm ² Individual ≥ 32 N/mm ²	≥ 35 N/mm ² Individual ≥ 32 N/mm ²
Abrasion Resistance a) Deep Abrasion for unglazed tiles b) Surfaces Abrasion for glazed tiles	ISO 10545 -6 ISO 10545 -7	mm ³ Visual Check	≤ 175 mm ³ Manuf. to state abrasion class, cycle and passed	≤ 160 mm ³ ≥ PEI 3 (Dependent on product type)*
Crazing Test (glazed tiles)	ISO 10545 -11	Visual Check	No Sign of Crazing	No Sign of Crazing
Frost Resistance	ISO 10545 -12	Visual Check	Required	No Visible Crack
Chemical Resistance a) Low concentrations b) Household chemicals and swimming pool salts	ISO 10545 -13 ISO 10545 -13	Visual Check Visual Check	Manuf. To State ≥ Class B	Class A Class B (For Polished Tile) Class A Class B (For Polished Tile)
Stain Resistance a) For unglazed tiles b) For glazed tiles	ISO 10545 -14 ISO 10545 -14	Visual Check Visual Check	Manuf. to State ≥ Class 3	≥ Class 3 ≥ Class 3
Slip Resistance (Excluding Polished, Lappato and Matt Satin finishing)	AS/NZS 4586 App. A	P0 to P5	Manuf. to State	Wet Pendulum ≥ P2 (Dependent on product type)*

The technical specifications is only for rectified tiles. * Refer to test report for specific test result.

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

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.

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 minor or slight change in colour tones.

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.

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, as that one tile may have totally different colors from that on other tiles. Final installation can be unique.

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