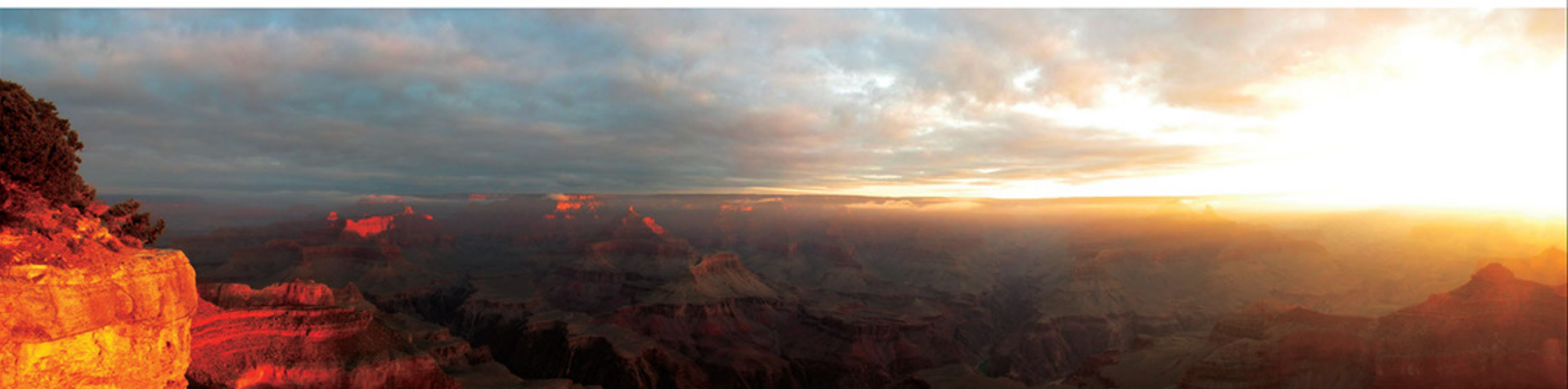
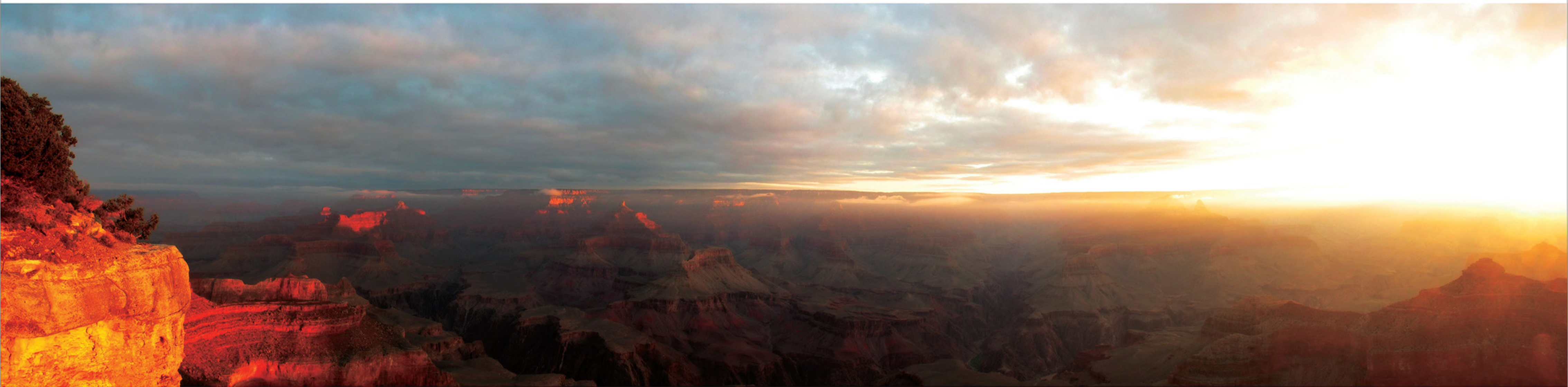


[H O R I Z O N . S T O N E]
FULL - BODY PORCELAIN TILE



[H O R I Z O N . S T O N E]

FULL - BODY PORCELAIN TILE



GHS01 | DUNE 60cm x 60cm 15cm x 30cm



GHS02 | CANYON 60cm x 60cm 15cm x 30cm



GHS03 | SAHARA 60cm x 60cm 15cm x 30cm



GHS04 | ASH 60cm x 60cm 15cm x 30cm



GHS05 | VALLEY 60cm x 60cm 15cm x 30cm



IRREGULAR STRIP 60cm x 30cm

... FROM THE PALATES OF THE BLAZING HORIZON

There is nothing more breath-taking and awe-inspiring than watching the setting sun stealthily sinking into the vast horizon. And there is nothing more astounding than to manifest their majestic colours into the very threshold of your home.

For it is from this whimsical play of light from the Sun's rays, that Niro Granite's inspiration is brought to the fore with a range of tiles, aptly named the Horizon Stone.

Like palates of colours created by the invisible hands of Nature, then finely embellished onto premium-quality full body porcelain tiles, the warm tones of Sahara and Ash, as well as the complementary cool tones of Dune, Canyon and Valley will bring vibrancy to any space it serves to endow.



HORIZON STONE • DUNE

MATT SURFACE



HORIZON STONE • DUNE

In one with the coolness of sand

Classified as another cool tone within the Horizon Stone's range, Dune is the palest of the collection. Designed for people who have a penchant for minimalist and unobtrusive surrounds, it is ideal to augment any combination of colours to decorate living as well as working areas. As with sand, its timelessness will render complete satisfaction and pleasure.



GHS01 | DUNE 60cm x 60cm



GHS01 | DUNE 60cm x 30cm



LAPPATO SURFACE

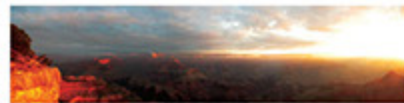


MATT SURFACE



HORIZON STONE • CANYON

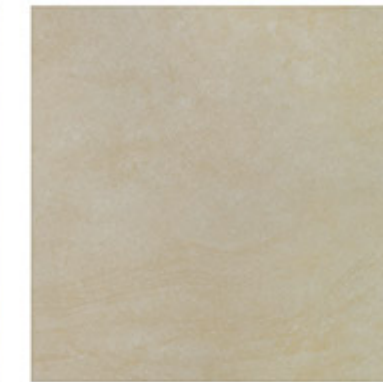
MATT SURFACE



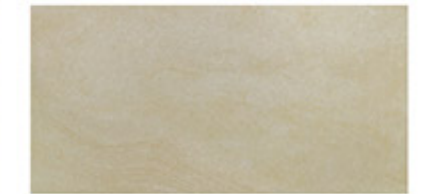
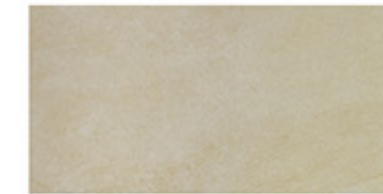
HORIZON STONE • CANYON

In touch with soothing hues

Invite the majesty of the Grand Canyon into the grace of your home. The light brown-beige shade is a gift of visual grandeur as well as coolness to the surroundings, especially suited to psychologically cope with the increasing bouts of humid, sunny weather. Being ensconced within a premise adorned with these tiles provides an eclectic lifestyle which is the envy of many.



GH502 | CANYON 60cm x 60cm



GH502 | CANYON 60cm x 30cm



LAPPATO SURFACE



MATT SURFACE



HORIZON STONE • SAHARA

LAPPATO SURFACE



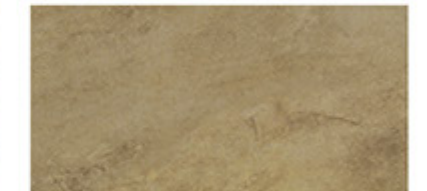
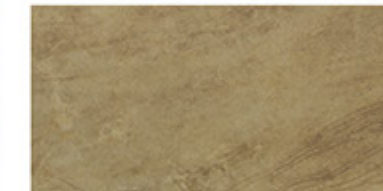
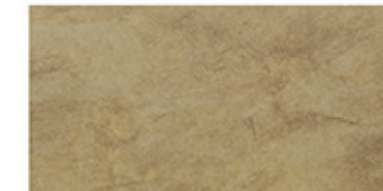
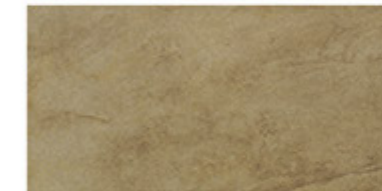
HORIZON STONE • SAHARA

A warm derivative from the dessert

Easy to match with other warm tones from wood and richly deep hues of natural stone, the mustard-like tinge of the Sahara will lend dimension and expansion to space. Cleverly combined with arty décor and artifacts, it represents comfort and all-encumbering ease to the vision and senses.



GH503 | SAHARA 60cm x 60cm



GH503 | SAHARA 60cm x 30cm



LAPPATO SURFACE



MATT SURFACE



HORIZON STONE • ASH

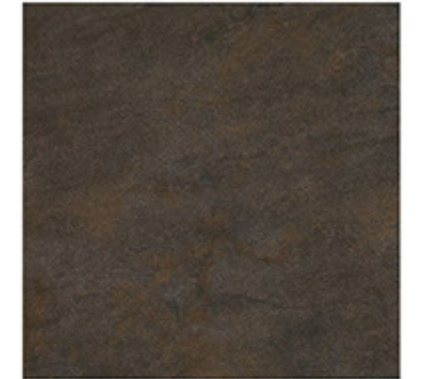
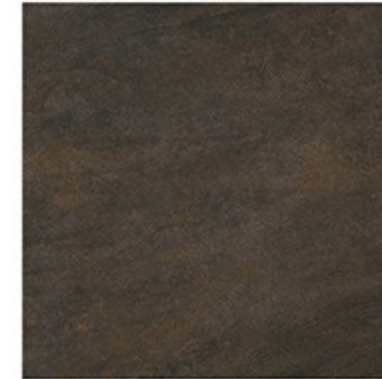
LAPPATO SURFACE



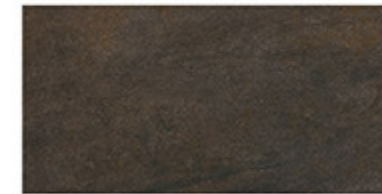
HORIZON STONE • ASH

From the grey of Ash, there arises beauty untold

Be it a choice of either Matt or Lappato or both, Horizon Stone in the shade of Ash is definitely beauty uncompromised. It speaks of muted elegance and sophistication in its deep tinge, able to enhance any space into a conversation piece of art and functionality.



GHS04 | ASH 60cm x 60cm



GHS04 | ASH 60cm x 30cm



LAPPATO SURFACE



MATT SURFACE

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/mm ²	≥ 35 N/mm ²	≥ 35 N/mm ²
Deep Abrasion	MS ISO 10545 - 6	mm ³	≤ 175 mm ³	≤ 160 mm ³
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)

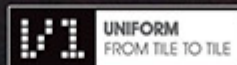
Each different tiles series are produced to meet different performance requirements. For specific product technical performance, please request from Niro Granite sales team or their agent or distributor.

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.

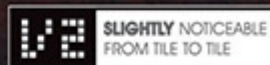
SHADE AND TONALITIES



UNIFORM
FROM TILE TO TILE



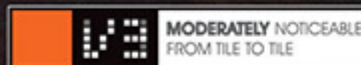
Uniform from tile to tile
The range of colours and tones within the same shade is relatively uniform from tile to tile. Minimal to no difference among pieces from the same production run.



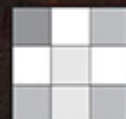
SLIGHTLY NOTICEABLE
FROM TILE TO TILE



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.



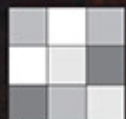
MODERATELY NOTICEABLE
FROM TILE TO TILE



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.



DISTINCTLY NOTICEABLE
FROM TILE TO TILE



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 colour from that of another tile. Final installation can be unique.

